

DICOM Conformance Statement

Product Name: ACUSON Juniper™
Ultrasound System

Release: VB30

Date: August 2023

1 CONFORMANCE STATEMENT OVERVIEW

This Conformance Statement applies to the following Juniper products and versions:

Product	Product Version	<Software ID>	<Product Name>
ACUSON Juniper	VB30	VB30x	Juniper

For all DICOM image files generated by the above mentioned Juniper products, the following attribute values are applicable:

Software Versions (0018,1020)	Set to "<Software ID>"
Manufacturer's Model Name (0008,1090)	Set to "ACUSON <Product Name>"

For all DICOM Comprehensive Structured Reports generated by the above mentioned Juniper products, the following attribute values are applicable:

Software Versions (0018,1020)	Set to "SR1.0_<Software ID>_<Product Name>"
Manufacturer's Model Name (0008,1090)	Set to "ACUSON <Product Name>"

The **ACUSON Juniper™ Ultrasound System** supports the following DICOM Application Entities:

- Verification
 - o Verification AE
- Transfer
 - o Storage AE
 - o Storage Commitment AE
- Query / Retrieve
 - o Query AE
 - o Retrieve AE
- Workflow Management
 - o Worklist AE
 - o MPPS AE
- Print Management
 - o Print AE

Table 1: Network Services

SOP Classes	Service Class User (SCU)	Service Class Provider (SCP)
VERIFICATION		
Verification AE		
Verification	Yes	Yes
TRANSFER		

SOP Classes	Service Class User (SCU)	Service Class Provider (SCP)
Storage AE		
Ultrasound Image Storage (Retired)	Yes	Yes
Ultrasound Image Storage	Yes	Yes
Ultrasound Multi-frame Image Storage (Retired)	Yes	Yes
Ultrasound Multi-frame Image Storage	Yes	Yes
Secondary Capture Image Storage	Yes	Yes
Comprehensive SR	Yes	No
Storage Commitment AE		
Storage Commitment Push Model	Yes	No
QUERY / RETRIEVE		
Query AE		
Study Root Query/Retrieve Information Model - FIND	Yes	No
Retrieve AE		
Study Root Query/Retrieve Information Model - MOVE	Yes	No
WORKFLOW MANAGEMENT		
Worklist AE		
Modality Worklist	Yes	No
MPPS AE		
Modality Performed Procedure Step	Yes	No
PRINT MANAGEMENT		
Print AE		
Basic Grayscale Print Management Meta SOP Class	Yes	No
Basic Color Print Management Meta SOP Class	Yes	No
Basic Grayscale Image Box SOP Class	Yes	No
Basic Color Image Box SOP Class	Yes	No
Print Job SOP Class	Yes	No

Table 2: UID Values

SOP Class Name	SOP Class UID	Category
Verification AE		
Verification	1.2.840.10008.1.1	Verification
Storage AE		
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6	Transfer
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1	Transfer
Ultrasound Multi-frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3	Transfer
Ultrasound Multi-frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1	Transfer
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7	Transfer
Comprehensive SR	1.2.840.10008.5.1.4.1.1.88.33	Transfer
Storage Commitment AE		
Storage Commitment Push Model	1.2.840.10008.1.20.1	Transfer

SOP Class Name	SOP Class UID	Category
Query AE		
Study Root Query/Retrieve Information Model - FIND	1.2.840.10008.5.1.4.1.2.2.1	Query / Retrieve
Retrieve AE		
Study Root Query/Retrieve Information Model - MOVE	1.2.840.10008.5.1.4.1.2.2.2	Query / Retrieve
Worklist AE		
Modality Worklist	1.2.840.10008.5.1.4.31	Workflow Management
MPPS AE		
Modality Performed Procedure Step	1.2.840.10008.3.1.2.3.3	Workflow Management
Print AE		
Basic Grayscale Print Management Meta SOP Class	1.2.840.10008.5.1.1.9	Print Management
Basic Color Print Management Meta SOP Class	1.2.840.10008.5.1.1.18	Print Management
Basic Grayscale Image Box SOP Class	1.2.840.10008.5.1.1.4	Print Management
Basic Color Image Box SOP Class	1.2.840.10008.5.1.1.4.1	Print Management
Print Job SOP Class	1.2.840.10008.5.1.1.14	Print Management

Table 3: MEDIA Services

Media Storage Application Profile	Write Files (FSC or FSU)	Read Files (FSR)
DVD—Recordable		
STD-US-ID-SF-DVD STD-US-ID-MF-DVD	Yes	Yes
STD-US-SC-SF-DVD STD-US-SC-MF-DVD	Yes	No
Compact Disk—Recordable		
STD-US-ID-SF-CDR STD-US-ID-MF-CDR	Yes	Yes
STD-US-SC-SF-CDR STD-US-SC-MF-CDR	Yes	No

2 TABLE OF CONTENTS

1	CONFORMANCE STATEMENT OVERVIEW	2
2	TABLE OF CONTENTS	5
3	INTRODUCTION.....	11
3.1	Revision History	11
3.2	Audience	11
3.3	Remarks.....	11
3.4	Terms and Definitions	11
3.5	Basics of DICOM Communication	13
3.6	Abbreviations	14
3.7	References.....	14
4	NETWORKING	15
4.1	Implementation Model	15
4.1.1	Application Data Flow.....	15
4.1.1.1	Verification	16
4.1.1.2	DICOM Store	17
4.1.1.3	Storage Commitment	18
4.1.1.4	Modality Worklist	18
4.1.1.5	Modality Performed Procedure Step	20
4.1.1.6	Query / Retrieve	20
4.1.1.7	DICOM Print	21
4.1.1.8	Removable Media Storage	22
4.1.2	Functional Description of AEs	22
4.1.2.1	Verification Real-World Activities	22
4.1.2.2	Store Real-World Activities.....	22
4.1.2.3	Storage Commitment – Push Model Real-World Activities	22
4.1.2.4	Modality Worklist Real-World Activities	23
4.1.2.5	Modality Performed Procedure Step Real-World Activities.....	23
4.1.2.6	Query / Retrieve Real-World Activities	23
4.1.2.7	Print Real-World Activities	23
4.1.2.8	Removable Media Storage Real-World Activities	23
4.1.3	Sequencing of Real-World Activities	24
4.2	AE Specifications	26
4.2.1	SOP Classes	26
4.2.2	Association Establishment Policies	26
4.2.2.1	General	26
4.2.2.2	Association Establishment Order	26
4.2.2.3	Asynchronous Nature	27
4.2.2.4	Implementation Identifying Information	27
4.2.3	Association Initiation by Real-World Activities	27
4.2.3.1	Real World Activity – Verification	27
4.2.3.2	Real World Activity – Store.....	27
4.2.3.3	Real-World Activity – Storage Commitment.....	60
4.2.3.4	Real World Activity – Modality Worklist.....	61
4.2.3.5	Real World Activity – Modality Performed Procedure Step.....	63
4.2.3.6	Real World Activity – Query / Retrieve	67

4.2.3.7	Real World Activity – Print	72
5	REMOVABLE MEDIA INTERCHANGE SPECIFICATIONS.....	77
5.1	Supported Application Profiles	77
5.2	Supported SOP Classes	77
5.2.1	Supported SOP Classes and Transfer Syntaxes	77
5.3	Information Object Definition and DICOMDIR Keys.....	77
5.3.1	DICOM File Meta Information	77
5.3.2	Basic Directory Information Object Definitions – File-set Identification Module.....	79
5.3.3	Basic Directory Information Object Definitions – Directory Identification Module	79
5.3.4	Physical Storage Media and Media Formats	79
6	COMMUNICATION PROFILES.....	80
6.1	TCP/IP Stack Supported	80
6.2	Physical Media Supported.....	80
6.3	Chapter Extensions/Specializations/Privatizations	80
7	CONFIGURATION	81
7.1	General System Configuration	81
7.1.1	Hospital Name	81
7.2	DICOM Network Configuration	81
7.2.1	Local.....	81
7.2.2	Remote	81
7.2.2.1	DICOM Store Configuration	82
7.2.2.2	DICOM Storage Commitment Configuration	82
7.2.2.3	DICOM Modality Worklist Configuration.....	82
7.2.2.4	DICOM Modality Performed Procedure Step Configuration	82
7.2.2.5	DICOM Query / Retrieve	83
7.2.2.6	DICOM Print Configuration.....	83
7.3	External Equipment Configuration	85
7.4	Support of Extended Character Sets	85
8	SECURITY	85
8.1	Security Profiles	85
8.2	Association Level Security	85
8.3	Application Level Security	85
8.4	Virus Protection.....	85
9	APPENDICES.....	86
9.1	Appendix A: OB-GYN Structured Report.....	86
9.1.1	Notation	86
9.1.1.1	Laterality Modifier	86
9.1.1.2	Derivation Modifier	86
9.1.2	Patient Characteristics	87
9.1.3	Summary	87
9.1.4	Fetus Summary	87
9.1.5	Fetal Biometry Ratios	92

9.1.6	Fetal Biometry	94
9.1.7	Fetal Long Bones	105
9.1.8	Fetal Cranium	107
9.1.9	Early Gestation	109
9.1.10	Amniotic Sac	112
9.1.11	Pelvis and Uterus	112
9.1.12	Ovary	114
9.1.13	Ovarian Follicle	114
9.1.14	Embryonic Vascular Structure	115
9.1.15	Pelvic Vascular Structure	119
9.1.16	Bladder	121
9.1.17	Kidney	123
9.1.18	Cyst	123
9.1.19	Mass	124
9.1.20	Breast	125
9.1.21	Fibroid	129
9.1.22	Pelvic Floor	130
9.1.23	Fetal Heart	133
9.1.24	Umbilical Vein	134
9.1.25	OB Fetal Assessment Performed	134
9.1.26	Early OB Fetal Assessment Performed	137
9.2	Appendix B: Vascular Structured Report	139
9.2.1	Notation	139
9.2.1.1	Laterality Modifier	139
9.2.1.2	Topographical Modifier	139
9.2.1.3	Derivation Modifier	140
9.2.2	Patient Characteristics	140
9.2.3	Blood Vessel of Head	140
9.2.4	Artery of neck	164
9.2.5	Artery of Lower Extremity	172
9.2.6	Vein of Lower Extremity	208
9.2.7	Artery of Upper Extremity	246
9.2.8	Vein of Upper Extremity	271
9.2.9	Vascular Structure of Kidney	285
9.2.10	Artery of Abdomen	309
9.2.11	Vein of Abdomen	342
9.2.12	Vascular Graft 1	345
9.2.13	Vascular Graft 2	353
9.2.14	Transplantation of liver	361
9.2.15	Transplant of kidney	363
9.2.16	Liver	367
9.2.17	Gallbladder	380
9.2.18	Pancreas	381
9.2.19	Kidney	381
9.2.20	Bladder	382
9.2.21	Penile	384
9.2.22	Prostate	399
9.2.23	Testis	402
9.2.24	Thyroid	409
9.2.25	Spleen	425
9.2.26	Hip	425
9.2.27	Left Hip Assessment Performed	426
9.2.28	Right Hip Assessment Performed	427
9.2.29	Carotid Assessment Performed	427

9.2.30	Right LEV Assessment Performed	428
9.2.31	Left LEV Assessment Performed	429
9.2.32	LEV Assessment Performed	430
9.2.33	Prostate Assessment Performed	430
9.2.34	Vascular Graft	430
9.2.35	Pelvic Vascular Structure	431
9.3	Appendix C: Fetal Echo Structured Report	434
9.3.1	Notation	434
9.3.1.1	Laterality Modifier	434
9.3.1.2	Derivation Modifier	434
9.3.2	Patient Characteristics	434
9.3.3	Summary	435
9.3.4	Fetal Measurements	435
9.3.5	Fetus Characteristics	445
9.3.6	Fetal Biometry	457
9.3.7	Fetal Long Bones	460
9.3.8	Fetus Summary	460
9.3.9	Fetus Fetal Biometry Ratios	462
9.3.10	Fetal Cranium	463
9.3.11	Umbilical Vein	463
9.3.12	Umbilical Artery	463
9.3.13	Ductus venosus	464
9.3.14	Uterine Artery	465
9.3.15	Middle Cerebral Artery	466
9.3.16	Aortic Arch	467
9.3.17	Left Ventricle	468
9.3.18	Right Ventricle	471
9.3.19	Ascending Aorta	472
9.3.20	Descending Aorta	472
9.3.21	Pulmonary Artery	472
9.3.22	Inferior Vena Cava	473
9.3.23	Mitral Valve	473
9.3.24	Tricuspid Valve	473
9.3.25	Ductus arteriosus	473
9.4	Appendix D: Adult Echocardiography Structured Report	474
9.4.1	Notation	474
9.4.2	Patient Characteristics	474
9.4.3	Aorta	474
9.4.4	Aortic Valve	476
9.4.5	Left Ventricle	481
9.4.6	Left Atrium	510
9.4.7	Right Ventricle	514
9.4.8	Mitral Valve	516
9.4.9	Pulmonary Artery	524
9.4.10	Pulmonary Valve	524
9.4.11	Right Atrium	527
9.4.12	Pulmonary Vein	530
9.4.13	Cardiac Shunt Study	532
9.4.14	Tricuspid Valve	532
9.4.15	Left Ventricle Outflow Tract	537
9.4.16	Right Ventricle Outflow Tract	539

LIST OF TABLES

Table 1: Network Services	2
Table 2: UID Values	3
Table 3: MEDIA Services	4
Table 4: Supported SOP Classes	26
Table 5: VerificationPresentationContext	27
Table 6: Store Presentation Context.....	28
Table 7: Supported SOP Classes	29
Table 8: Ultrasound Image and Ultrasound Retired Image IOD Attributes.....	30
Table 9: Ultrasound MultiFrame and Ultrasound MultiFrame Retired Image IOD Attributes	35
Table 10: Ultrasound MultiFrame IOD Attributes – 3D Volumetric Data	42
Table 11: 3D Bookmark Data.....	49
Table 12: Secondary Capture Image IOD Attributes	54
Table 13: Comprehensive SR IOD Attributes	57
Table 14: C-STORE Status Responses.....	60
Table 15: Storage Commitment Presentation Context	61
Table 16: Supported SOP Class	61
Table 17: Storage Commitment Request Attributes in N-ACTION REQUEST	61
Table 18: Worklist Presentation Context.....	62
Table 19: Worklist Supported SOP Classes	62
Table 20: Modality Worklist Information Model Attributes.....	62
Table 21: MPPS Presentation Context	64
Table 22: Supported SOP Class	64
Table 23: Modality Performed Procedure Step Attributes in N-CREATE	64
Table 24: Modality Performed Procedure Step Attributes in N-SET	66
Table 25: Query C-FIND Presentation Context	68
Table 26: Query C-FIND Search Keys.....	68
Table 27: Query C-FIND Status Responses.....	70
Table 28: Retrieve C-MOVE Presentation Context	71
Table 29: Retrieve C-MOVE Status Responses	71
Table 30: Grayscale Print Presentation Context.....	72
Table 31: Conformance to Grayscale Print Meta SOP Class	73
Table 32: Supported DIMSE Services for Basic Film Session SOP Class.....	73
Table 33: Supported DIMSE Services for Basic Film Box SOP Class	73
Table 34: Attributes set for the Basic Film Box SOP Class	74
Table 35: Supported DIMSE Services for the Basic Grayscale Image Box SOP	74
Table 36: Attributes set for the Basic Grayscale Image Box SOP Class.....	75
Table 37: Supported DIMSE Services for the Printer SOP	75
Table 38: Supported Printer SOP Class Element.....	75
Table 39: Color Print Server Presentation Context.....	75
Table 40: Conformance to Color Print Meta SOP Class.....	75
Table 41: Supported DIMSE Services for the Basic Color Image Box SOP Class	76
Table 42: Attributes set for the Basic Color Image Box SOP Class	76
Table 43: Supported Error Codes for Printer Classes	76
Table 44: Application Profiles, Real-World Activities, and Roles.....	77
Table 45: Transfer Syntaxes for Media Interchange.....	77
Table 46: US Image Attributes Used	78
Table 47: USMF Image Attributes Used	78
Table 48: Comprehensive SR Attributes Used	78
Table 49: User-Configurable Printer Parameters	83

List of Figures

Figure 1. Implementation Model	16
Figure 2. Verification Model	17
Figure 3. Store Model	18
Figure 4. Storage Commitment Model	18
Figure 5. Modality Worklist Model	19
Figure 6. MPPS Model	20
Figure 7. Query / Retrieve Model	21
Figure 8. Print Model	22
Figure 9. Sequence Diagram for Real-World Activities	25

3 INTRODUCTION

This document describes the conformance to the ACR-NEMA DICOM 3.0 Standard by the ACUSON Juniper™ Ultrasound System software from Siemens Medical Solutions USA, Inc. Ultrasound Division. It shall establish the conformance specifications for this system only and does not apply to other products offered by Siemens Medical Solutions USA, Inc., or its affiliates.

The ACUSON Juniper™ Ultrasound System is a device that generates ultrasound images and structured reports that can be sent using DICOM standard protocols and definitions to other DICOM compliant devices that support SOP classes as defined in Table 4: in this document.

3.1 Revision History

Revision Date	Applicable Product Releases
	ACUSON Juniper
August 2023	VB30

3.2 Audience

This document is written for the people that need to understand how the ACUSON Juniper™ Ultrasound System will integrate into their healthcare facility. This includes both those responsible for overall imaging network policy and architecture, as well as integrators who need to have a detailed understanding of the DICOM features of the product. This document contains some basic DICOM definitions so that any reader may understand how this product implements DICOM features. However, integrators are expected to fully understand all the DICOM terminology, how the tables in this document relate to the product's functionality, and how that functionality integrates with other devices that support compatible DICOM features.

3.3 Remarks

The scope of this DICOM Conformance Statement is to facilitate integration between the Juniper and other DICOM products. The Conformance Statement should be read and understood in conjunction with the DICOM Standard. DICOM by itself does not guarantee interoperability. The Conformance Statement does, however, facilitate a first-level comparison for interoperability between different applications supporting compatible DICOM functionality.

This Conformance Statement is not supposed to replace validation with other DICOM equipment to ensure proper exchange of intended information. In fact, the user should be aware of the following important issues:

- The comparison of different Conformance Statements is just the first step towards assessing interconnectivity and interoperability between the product and other DICOM conformant equipment.
- Test procedures should be defined and executed to validate the required level of interoperability with specific compatible DICOM equipment, as established by the healthcare facility.

3.4 Terms and Definitions

Informal definitions are provided for the following terms used in this Conformance Statement. The DICOM Standard is the authoritative source for formal definitions of these terms.

Abstract Syntax – the information agreed to be exchanged between applications, generally equivalent to a Service/Object Pair (SOP) Class. Examples: Verification SOP Class, Modality Worklist Information Model Find SOP Class, Computed Radiography Image Storage SOP Class.

Application Entity (AE) – an end point of a DICOM information exchange, including the DICOM network or media interface software. i.e., the software that sends or receives DICOM information objects or messages. A single device may have multiple Application Entities.

Application Entity Title – the externally known name of an *Application Entity*, used to identify a DICOM application to other DICOM applications on the network.

Application Context – the specification of the type of communication used between *Application Entities*. Example: DICOM network protocol.

Association – a network communication channel set up between *Application Entities*.

Attribute – a unit of information in an object definition; a data element identified by a *tag*. The information may be a complex data structure (Sequence), itself composed of lower level data elements. Examples: Patient ID (0010,0020), Accession Number (0008,0050), Photometric Interpretation (0028,0004), Procedure Code Sequence (0008,1032).

Information Object Definition (IOD) – the specified set of *Attributes* that comprise a type of data object; does not represent a specific instance of the data object, but rather a class of similar data objects that have the same properties. The *Attributes* may be specified as Mandatory (Type 1), Required but possibly unknown (Type 2), or Optional (Type 3), and there may be conditions associated with the use of an Attribute (Types 1C and 2C). Examples: US Image IOD, MR Image IOD, CT Image IOD, Print Job IOD.

Joint Photographic Experts Group (JPEG) – a set of standardized image compression techniques, available for use by DICOM applications.

Media Application Profile – the specification of DICOM information objects and encoding exchanged on removable media (e.g., CDs)

Module – a set of *Attributes* within an *Information Object Definition* that are logically related to each other. Example: Patient Module includes Patient Name, Patient ID, Patient Birth Date, and Patient Sex.

Negotiation – first phase of *Association* establishment that allows *Application Entities* to agree on the types of data to be exchanged and how that data will be encoded.

Presentation Context – the set of DICOM network services used over an *Association*, as negotiated between *Application Entities*; includes *Abstract Syntaxes* and *Transfer Syntaxes*.

Protocol Data Unit (PDU) – a packet (piece) of a DICOM message sent across the network. Devices must specify the maximum size packet they can receive for DICOM messages.

Security Profile – a set of mechanisms, such as encryption, user authentication, or digital signatures, used by an *Application Entity* to ensure confidentiality, integrity, and/or availability of exchanged DICOM data

Service Class Provider (SCP) – role of an *Application Entity* that provides a DICOM network service; typically, a server that performs operations requested by another *Application Entity* (*Service Class User*). Examples: Picture Archiving and Communication System (image storage SCP, and image query/retrieve SCP), Radiology Information System (modality worklist SCP).

Service Class User (SCU) – role of an *Application Entity* that uses a DICOM network service; typically, a client. Examples: imaging modality (image storage SCU, and modality worklist SCU), imaging workstation (image query/retrieve SCU)

Service/Object Pair (SOP) Class – the specification of the network or media transfer (service) of a particular type of data (object); the fundamental unit of DICOM interoperability specification. Examples: Ultrasound Image Storage Service, Basic Grayscale Print Management.

Service/Object Pair (SOP) Instance – an information object; a specific occurrence of information exchanged in a *SOP Class*. Examples: a specific ultrasound image.

Tag – a 32-bit identifier for a data element, represented as a pair of four-digit hexadecimal numbers, the “group” and the “element”. If the “group” number is odd, the tag is for a private (manufacturer-specific) data element. Examples: (0010,0020) [Patient ID], (07FE,0010) [Pixel Data], (0019,0210) [private data element]

Transfer Syntax – the encoding used for exchange of DICOM information objects and messages. Examples: *JPEG* compressed (images), little endian explicit value representation.

Unique Identifier (UID) – a globally unique “dotted decimal” string that identifies a specific object or a class of objects; an ISO-8824 Object Identifier. Examples: Study Instance UID, SOP Class UID, SOP Instance UID.

Value Representation (VR) – the format type of an individual DICOM data element, such as text, an integer, a person’s name, or a code. DICOM information objects can be transmitted with either explicit identification of the type of each data element (Explicit VR), or without explicit identification (Implicit VR); with Implicit VR, the receiving application must use a DICOM data dictionary to look up the format of each data element.

3.5 Basics of DICOM Communication

This section describes terminology used in this Conformance Statement for the non-specialist. The key terms used in the Conformance Statement are highlighted in *italics* below. This section is not a substitute for training about DICOM, and it makes many simplifications about the meanings of DICOM terms.

Two *Application Entities* (devices) that want to communicate with each other over a network using DICOM protocol must first agree on several things during an initial network “handshake”. One of the two devices must initiate an *Association* (a connection to the other device), and ask if specific services, information, and encoding can be supported by the other device (*Negotiation*).

DICOM specifies a number of network services and types of information objects, each of which is called an *Abstract Syntax* for the Negotiation. DICOM also specifies a variety of methods for encoding data, denoted *Transfer Syntaxes*. The Negotiation allows the initiating Application Entity to propose combinations of Abstract Syntax and Transfer Syntax to be used on the Association; these combinations are called *Presentation Contexts*. The receiving Application Entity accepts the Presentation Contexts it supports.

For each Presentation Context, the Association Negotiation also allows the devices to agree on *Roles* – which one is the *Service Class User* (SCU - client) and which is the *Service Class Provider* (SCP - server). Normally the device initiating the connection is the SCU, i.e., the client system calls the server, but not always.

The Association Negotiation finally enables exchange of maximum network packet (*PDU*) size, security information, and network service options (called *Extended Negotiation* information).

The Application Entities, having negotiated the Association parameters, may now commence exchanging data. Common data exchanges include queries for worklists and lists of stored images, transfer of image objects and analyses (structured reports) and sending images to film printers. Each exchangeable unit of data is formatted by the sender in accordance with the appropriate *Information Object Definition* and sent using the negotiated Transfer Syntax. There is a Default Transfer Syntax that all systems must accept, but it may not be the most efficient for some use cases. Each transfer is explicitly acknowledged by the receiver with a *Response Status* indicating success, failure, or that query or retrieve operations are still in process.

Two Application Entities may also communicate with each other by exchanging media (such as a CD-R). Since there is no Association Negotiation possible, they both use a *Media Application Profile* that specifies “pre-negotiated” exchange media format, Abstract Syntax, and Transfer Syntax.

3.6 Abbreviations

AE	Application Entity
AET	Application Entity Title
CD-R	Compact Disk Recordable
DICOM	Digital Imaging and Communications in Medicine
FSC	File-Set Creator
FSU	File-Set Updater
FSR	File-Set Reader
IHE	Integrating the Healthcare Enterprise
IOD	Information Object Definition
ISO	International Organization for Standards
JPEG	Joint Photographic Experts Group
LUT	Look-up Table
MPPS	Modality Performed Procedure Step
MSPS	Modality Scheduled Procedure Step
MWL	Modality Worklist
O	Optional (Key Attribute)
PACS	Picture Archiving and Communication System
PDU	Protocol Data Unit
R	Required (Key Attribute)
SC	Secondary Capture
SCP	Service Class Provider
SCU	Service Class User
SOP	Service-Object Pair
SPS	Scheduled Procedure Step
SR	Structured Reporting
TCP/IP	Transmission Control Protocol/Internet Protocol
U	Unique (Key Attribute)
US	Ultrasound
VR	Value Representation

3.7 References

NEMA PS3	Digital Imaging and Communications in Medicine (DICOM) Standard, available free at www.dicomstandard.org

4 NETWORKING

This section contains the ACUSON Juniper™ system networking related services.

4.1 Implementation Model

ACUSON Juniper™ Ultrasound System users can store images directly on the system hard drive. Images can also be transferred to DICOM workstations and archive servers on a network. Storage Commitment can be used to ensure that patient images and data are safely committed. Measurements from exams can be exported as DICOM SR Objects. The system has a capable of printing images and reports. Performed procedure status and other procedure information can be returned to the HIS/ RIS using Modality Performed Procedure Step (MPPS).

4.1.1 Application Data Flow

Figure 1 provides a functional overview of the Juniper Ultrasound System's Application Entities (AE). Relationships are shown between user-invoked activities (in the circles at the left of the AEs) and the associated real-world activities provided by DICOM service providers (in the circles at the right of the AEs).

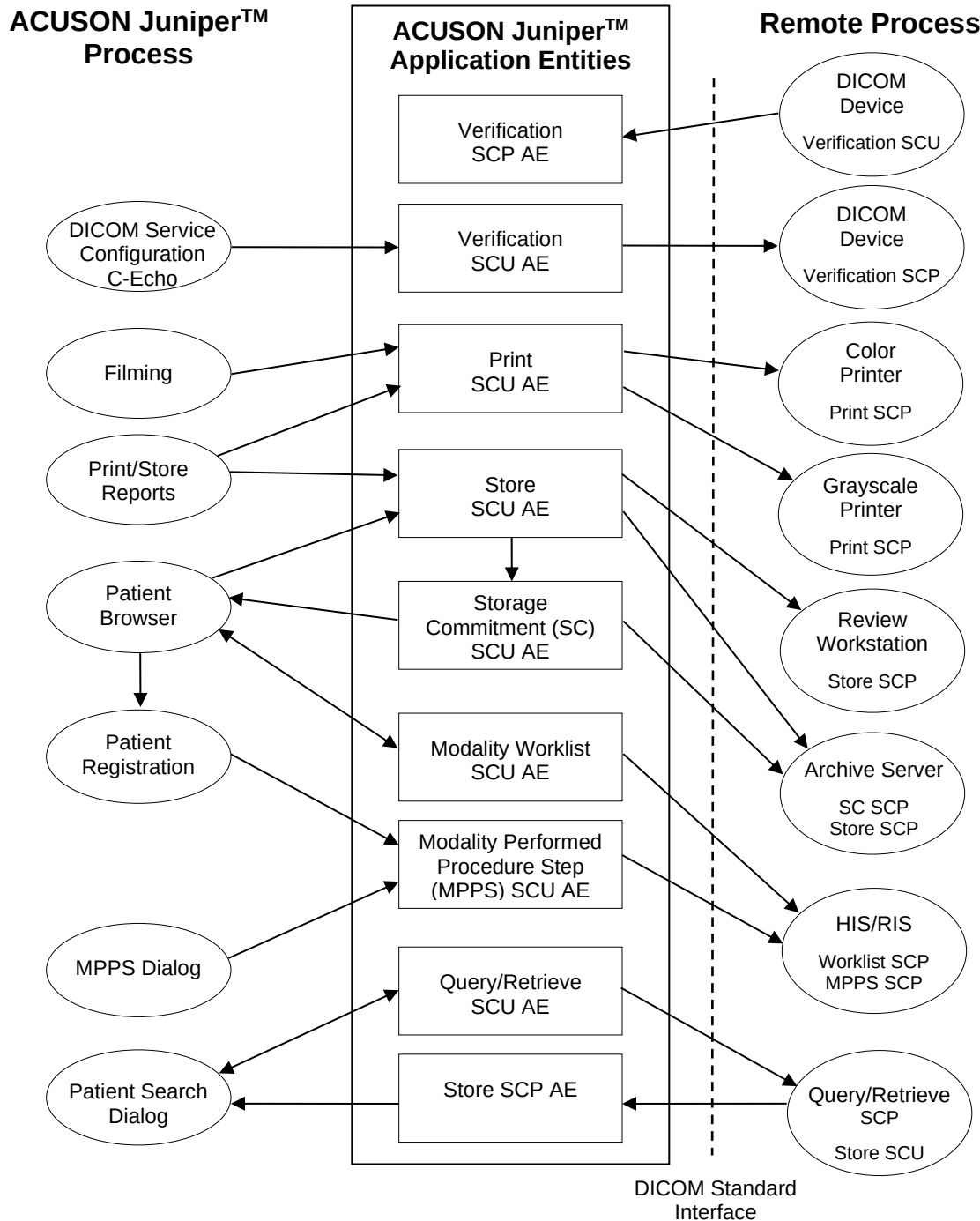


Figure 1. Implementation Model

4.1.1.1 Verification

Verification is a part of the DICOM configuration located on the 'Network' page of the System Configuration. Verification can be used to send a DICOM Verification request to a remote Application Entity (AE) and listen for a response.

When used as a diagnostic tool, Verification returns the following messages to the user:

- If the verification succeeds: “DICOM – C Echo succeeded”.
- If the verification fails: “DICOM – C Echo failed”.

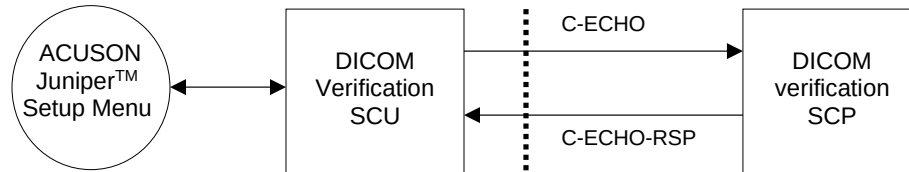


Figure 2. Verification Model

4.1.1.2 DICOM Store

When requested, the Juniper sends images and/or structured reports to the preconfigured DICOM Storage server.

DICOM Store can be seen as two sub-operations:

- Queueing images and/or structured reports for transfer.
- Transferring images and/or structured reports to the storage server.

Queueing images and structured reports for transfer:

The Juniper can be configured to automatically queue up images and structured reports for transfer as they are being created. “Auto Store to DICOM” option in Network configuration is to be set for this.

Alternatively, user can select exams or individual images and manually queue them up from Review mode. When an exam is selected for DICOM store all images and structured reports (generally zero or one) will be queued. Structured reports can’t be selected individually for store, the entire exam must be stored.

Transfer of images and structured reports to the storage server:

Further, once images and/or structured reports are queued they may be immediately transferred or delayed till the end of study using the transfer storage configuration.

The Juniper supports two storage configurations: “Store At End of Exam” and “Store During Exam”.

If the storage configuration is set to “Store At End of Exam” transfer attempts begin when the user selects “End Exam” or “New Patient”.

If the storage configuration is set to “Store during Exam”, transfer attempts to destination devices begin immediately after they are queued.

For both “Store At End of Exam” and “Store During Exam” settings, image and/or structured report transfer will be delayed if the Juniper is busy performing another DICOM Store operation.

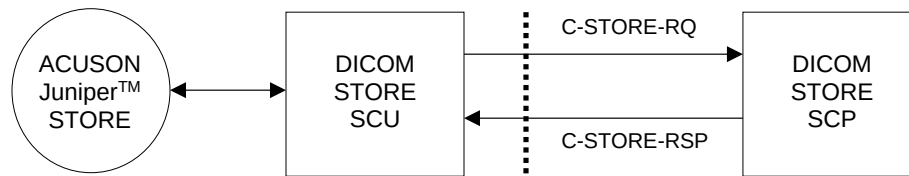


Figure 3. Store Model

4.1.1.3 Storage Commitment

The user can exercise the Storage Commitment option by configuring and selecting a Storage Commit server from the Network Configuration menu. The Juniper requests commitment of images and structured reports (if any exist) and upon successful acknowledgment from the Storage server marks the study on the system hard drive as 'Archived'.

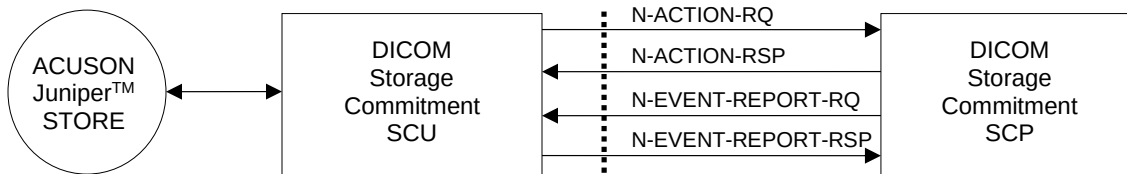


Figure 4. Storage Commitment Model

4.1.1.4 Modality Worklist

Patient registration can be automated by using the 'Worklist' Real World Activity. Pressing the 'New Patient' key on the keyboard initiates the patient data registration process and closes the previous active study. Pressing the 'Worklist' button on the patient data display screen invokes the Worklist screen. The Worklist screen can also be initiated from the Patient browser screen.

Pressing the 'Search' button will attempt to find all matching patient data using the information entered on the Worklist screen. Patient name fields that are partially filled or empty will be treated as though an implicit wildcard was appended at the end of each field. Patient ID, Requested Procedure ID and Accession number will be exact match only. If no matches are found, a message will be presented to the operator indicating so. If more than one matching patient is found, a pick list of patient procedures will be presented to the user to select from. Each of the fields will be sortable in ascending and descending order.

The pick list of patient procedures will be limited to a number of preset entries. If more than this number of matching records are found in the query, the search will terminate and the user will be notified. The search list criteria will contain:

- Patient name
- Patient ID
- Accession number
- Exam start date/time range
- Requested Procedure ID
- Physician name
- US/All modalities
- Scheduled station AE title

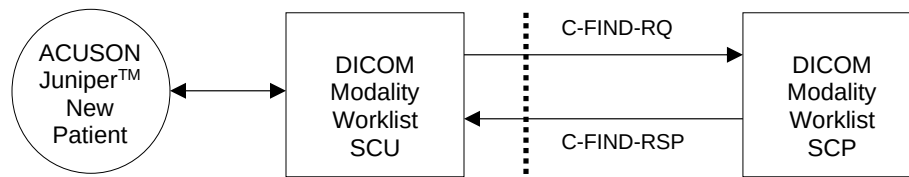


Figure 5. Modality Worklist Model

Once a Worklist query is initiated, a “Retrieving the worklist...” dialog will be presented to the user. The user will only have one option, “Cancel,” which will abort the query operation.

The following data fields in Worklist Screen are initially populated from the New Patient Screen, if filled in, and can be used for query:

Attribute Name	Tag
Patient's Name (Last name)	(0010,0010)
Patient ID	(0010,0020)
Scheduled station AE title	(0040,0001)

The following data fields will be populated on the worklist screen for each return:

Attribute Name	Tag
Patient's Full Name	(0010,0010)
Patient ID	(0010,0020)
Accession Number	(0008,0050)
Exam Start Date/Time	(0040,0002), (0040,0003)
Scheduled Procedure Step Sequence	(0040,0100)*
>Scheduled Procedure Step Description	(0040,0007)
>Scheduled Protocol Code Sequence	(0040,0008)
>>Code Value	(0008,0100)
Requested Procedure Description	(0032,1060)
Study Description	(0008,1030)**
*<code1>, ..., <codeN>: <sched1>, ..., <schedn> where: code<i> = Sequence item code value(0008,0100) for a given sequence or value multiplicity sched<i> = Scheduled procedure step(0040,0007) for a given sequence or value multiplicity	
**if a value exists for (0008,1030). Otherwise, Study Description is set to value of Scheduled procedure step (0040,0007). If (0040,0007) is also empty, Study Description is set to Requested procedure Description (0032,1060) if it exists.	

The user will have the option to select a patient procedure step, or cancel the operation. Selection of a procedure step from the list will cause demographic information for the patient to be loaded into the patient data fields.

The following data fields will be populated on the patient data screen:

Attribute Name	Tag
Patient Name	(0010,0010)
Patient ID	(0010,0020)
Accession number	(0008,0050)
DOB	(0010,0030)
Sex	(0010,0040)
Weight	(0010,1030)
Height	(0010,1020)
Physician	(0008,0090)
Indication	(0080,1080)
LMP	(0010,21D0)

4.1.1.5 Modality Performed Procedure Step

The Juniper supports reporting of Modality Performed Procedure Step (MPPS) orders when the patient registration process utilizes the 'Worklist' Real World Activity. Procedure steps are presented to the operator after successful query of a server that supports the MPPS option. A detail window allows the operator access to individual scheduled procedure steps. Pressing the 'Mpps' push button on the Patient browser Screen actualizes the detail window when multiple procedure steps are listed for the patient.

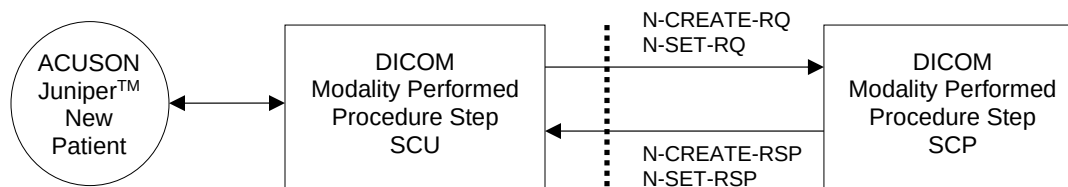


Figure 6. MPPS Model

4.1.1.6 Query / Retrieve

The query/retrieve service class defines an application-level class of services which facilitates the management of images and patient data against the well-defined information model of DICOM and allows a DICOM AE to retrieve images from a remote DICOM node or to request a remote DICOM AE to initiate a transfer of images to another DICOM AE. The Juniper DICOM query/retrieve application supports the query/retrieve services to act as SCU.

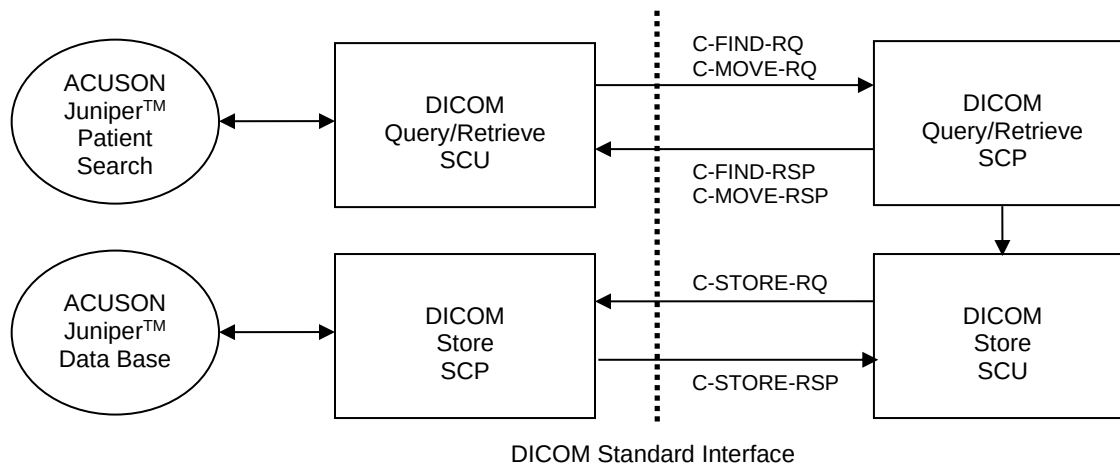


Figure 7. Query / Retrieve Model

4.1.1.7 DICOM Print

The Juniper has a capable of grayscale (B/W) and color printing.

When requested, single frame images will be printed to a pre-configured DICOM network printer.

DICOM Print can be seen as two sub-operations:

- paging images for transfer
- transferring pages to printer

Paging images for transfer:

The Juniper can be configured to automatically queue up images to be printed on B/W Printer and/or Color printer as they are being created.

Alternatively, user can select exams or individual images and manually queue them up from Review mode for print.

Every image queued up is added into a page in the respective printer layout (DICOM B/W Printer Layout or DICOM Color Printer Layout).

Transfer of pages to the Printer:

Further, pages may be immediately transferred to the printer or delayed until the end of study based on the transfer configuration.

The Juniper support two configurations: "Print at end exam" and "Print when page is full".

If the configuration is set to "Print at end exam," transfer attempts of all pages to the destination DICOM printer begin as a batch when the user ends the exam.

If the configuration is set to "Print when page is full", transfer attempt of a page to the destination DICOM printer begins as soon as it becomes full.

For both "Print at end exam" and "Print when page is full" settings, page transfer will be delayed if the Juniper is busy performing another DICOM Print operation.

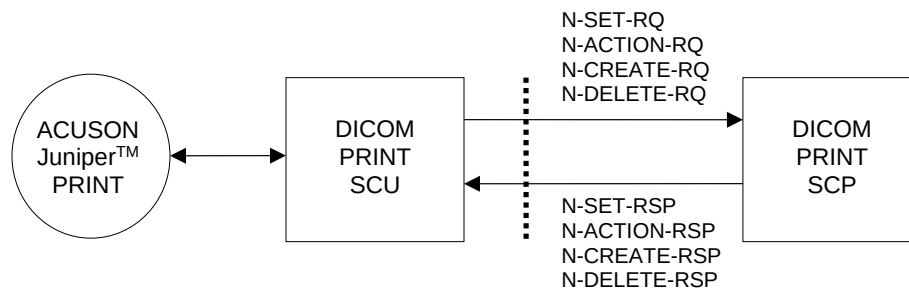


Figure 8. Print Model

4.1.1.8 Removable Media Storage

The Juniper can perform DICOM operations to its standard on-board 120mm CD/DVD disk and USB drive.

The Juniper performs the File Set Creator and File Set Reader Roles for CD,DVD disks and USB drive. The File Set Reader functionality does not support import of DICOM Structured Reports or measurements of imported images. Both limitations are overcome when DICOM and TIFF/AVI format is exported to CD/DVD/USB. A DICOM conforming CD/DVD/USB media is created when the user saves studies in DICOM format to the CD/DVD/USB. A DICOM 3.0 conforming DICOMDIR file is created together with the directory structures, image files and structured reports (if any exist).

4.1.2 Functional Description of AEs

4.1.2.1 Verification Real-World Activities

The Juniper Verification AE performs Verification Service Class as an SCU and SCP allowing the operator to verify the ability of an application on a remote device to receive DICOM messages and allowing the operator of a remote DICOM device to verify the Juniper's ability to receive DICOM messages. (C-ECHO DIMSE)

4.1.2.2 Store Real-World Activities

The Juniper Store AE performs all of the functions to transmit ultrasound images, structured reports and associated data to network servers or workstations. The Juniper Store AE supports the Ultrasound Image, Ultrasound Multi-Frame Image, Ultrasound Image (Retired), Ultrasound Multi-Frame (Retired), and Secondary Capture storage SOP classes as an SCU.

The Juniper Store AE also supports Structured Reports, for Obstetric-GYN, Vascular, and Cardiac studies, using the Comprehensive SR SOP Class as an SCU.

The Juniper Store AE initiates an association for C-STORE Requests to store providers when the user invokes "DICOM Store". The association may be used to store multiple images, clips, and structured reports and is closed when no images, clips, or structured reports are available to be stored to the remote device for five seconds.

4.1.2.3 Storage Commitment – Push Model Real-World Activities

The Juniper Storage Commitment AE supports Storage Commitment Push Model SOP class to inform servers when all the store operations for a study have been completed. The Storage Commitment SCU uses the N-ACTION primitive to request safekeeping of a set of SOP Instances. The Storage Commitment SCU also processes the N-EVENT-REPORT primitives that are received from the SCP

indicating 'successful' or 'non-successful' commitment status. The N-EVENT-REPORT information is used to mark a study as being successfully archived to a DICOM SCP.

The successful commit status and archival indication on the Juniper does not ensure permanent archival of the images and Structured Reports. The operations performed by the SCP are dependent on its capabilities and configuration.

4.1.2.4 Modality Worklist Real-World Activities

The Juniper Modality Worklist AE supports the DICOM Basic Worklist Management Service as an SCU. The AE initiates an association to the active Worklist server when a Worklist query is selected (via the "Worklist" button). The association is closed upon the completion of each query. A preset maximum number of matching results is accepted, at which point, the Juniper Modality Worklist AE issues a C-CANCEL-RQ request.

4.1.2.5 Modality Performed Procedure Step Real-World Activities

The Juniper Modality Performed Procedure Step AE supports Modality Performed Procedure Step (MPPS) in the role of SCU. The Juniper has a capable of displaying scheduled procedure steps via the User Interface (UI) for Modality Performed Procedure Step. The operator can select a single PPS. The operator can notify the MPPS server that a MPPS is 'In Progress', 'Discontinued' or 'Completed'. The user is also allowed to append procedure steps to existing or previously completed procedure steps.

4.1.2.6 Query / Retrieve Real-World Activities

The query/retrieve service class defines an application-level class of services which facilitates the management of images and patient data against the well-defined information model of DICOM and allows a DICOM AE to retrieve images from a remote DICOM node or to request a remote DICOM AE to initiate a transfer of images to another DICOM AE. The Juniper DICOM query/retrieve application supports the query/retrieve services as an SCU.

The Query SCU initiates a C-FIND request to the remote SCP and is invoked directly by the user, using the query parameters entered in the Query/Retrieve screen. The remote SCP returns a list of responses with defined data, which are displayed to the user. The user can decide to start retrieval or to issue another query.

The Juniper supports

- Study Root Query Model.

As the Move SCU, the system initiates a C-MOVE request to the remote Retrieve SCP. The remote Retrieve SCP in turn starts C-STORE sub-operations to the Storage SCP.

- Retrieve only <Product Name> images
- SR not supported

4.1.2.7 Print Real-World Activities

The Juniper Print AE provides all aspects of the Print Management SCU. The Juniper AE initiates an association to the printer when the user invokes "DICOM Print". The association may be used to print multiple pages and is closed when no pages are available to be printed to the remote device for five seconds.

4.1.2.8 Removable Media Storage Real-World Activities

The Juniper Store AE provides a standard implementation of DICOM Store to CD, DVD or USB.. The Juniper Store AE selects one or more studies and exports the same to CD, DVD or USB. The Juniper Store AE creates a DICOM File Format Image File for every image, clip and structured report in each of the selected studies.

A DICOMDIR file is created along with the files.

Measurements are not supported on imported images unless TIFF/AVI format is exported.

The DICOM SR cannot be imported from media unless the TIFF/AVI format is exported along with the DICOM SR.

4.1.3 Sequencing of Real-World Activities

Print, Store, Echo, Worklist, Storage Commit and MPPS commands can be transmitted simultaneously within the limits described below.

Storage Commit

The Storage Commitment command (if enabled) is sent in the following situations:

- a. On series close, when all images have previously stored successfully.
- b. The series is closed before all images are stored successfully, all previous stores have succeeded and the last image stores successfully.
- c. The series is closed before all images are stored successfully, at least one store has succeeded, at least one store has failed and the last store with non-zero retry count fails or succeeds.
- d. A series has been partially committed as in c. Later, due to "Retry Job" button press on the Queue screen the store jobs are retried. Another Storage Commit is sent when at least one store has succeeded and the last store with non-zero retry count fails or succeeds.

MPPS

The MPPS command (if enabled) is sent in the following situations:

- a. N-CREATE command is sent whenever a new procedure step is selected or an unscheduled procedure is created on the system. The state of the MPPS command is set to "In-Progress".
- b. N-SET command is sent when the Procedure Step is closed by the user pressing either the Completed or Discontinued button on the Close Procedure dialog. The state of the MPPS command is set, according to the state (Completed or Discontinued) set by the user.

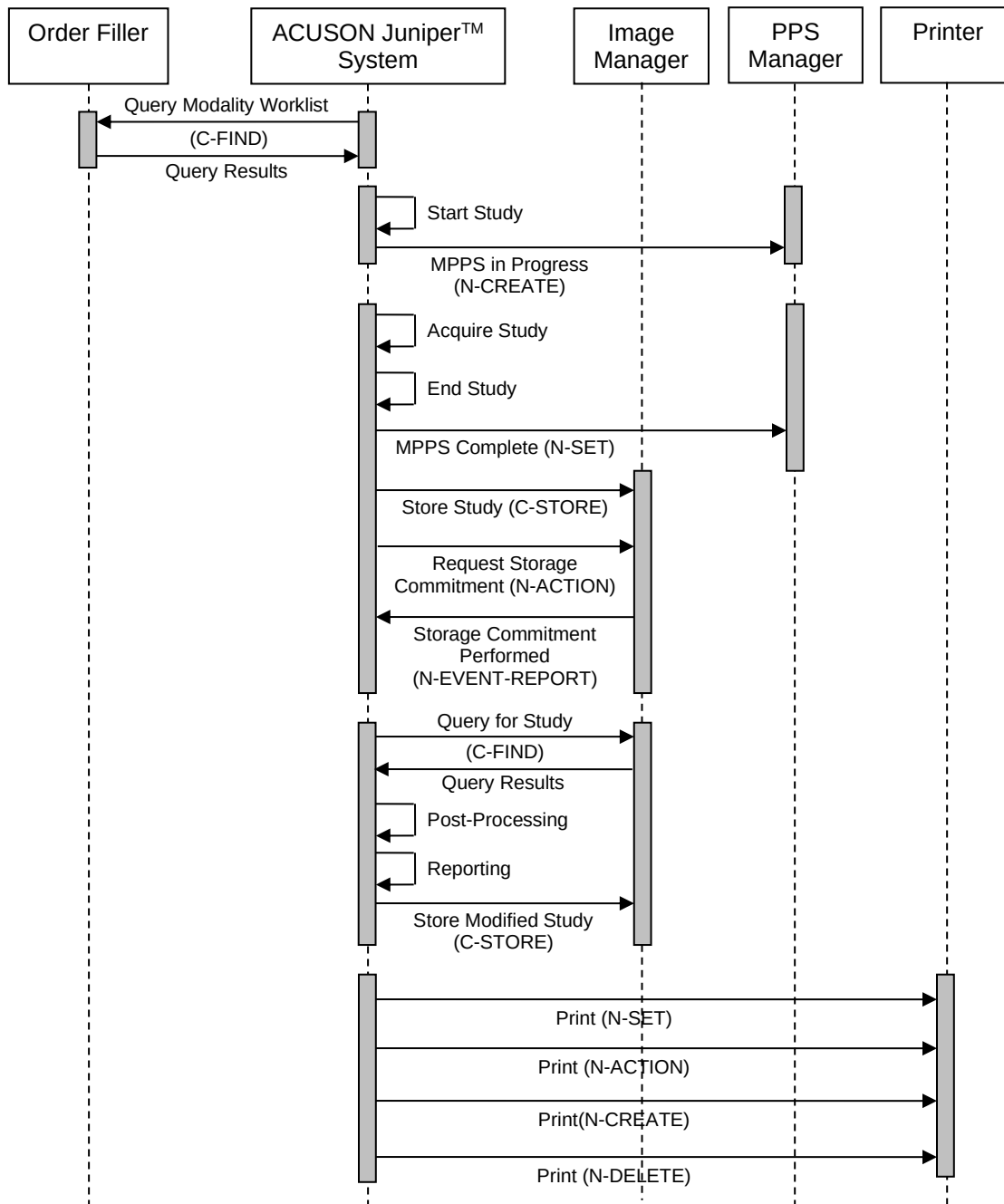


Figure 9. Sequence Diagram for Real-World Activities

4.2 AE Specifications

4.2.1 SOP Classes

The Juniper AEs provides conformance to the following DICOM Service SOP Classes as an SCU.

Table 4: Supported SOP Classes

Service SOP Class Name	SOP Class UID
Verification	1.2.840.10008.1.1
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7
Storage Commitment - Push Model	1.2.840.10008.1.20.1
Basic Grayscale Print Management Meta SOP Class	1.2.840.10008.5.1.1.9
Basic Color Print Management Meta SOP Class	1.2.840.10008.5.1.1.18
Basic Grayscale Image Box SOP Class	1.2.840.10008.5.1.1.4
Basic Color Image Box SOP Class	1.2.840.10008.5.1.1.4.1
Printer SOP Class	1.2.840.10008.5.1.1.16
Modality Worklist Information Model C- FIND	1.2.840.10008.5.1.4.31
Modality Performed Procedure Step	1.2.840.10008.3.1.2.3.3
Comprehensive SR	1.2.840.10008.5.1.4.1.1.88.33

4.2.2 Association Establishment Policies

4.2.2.1 General

The Juniper utilizes TCP/IP. The Maximum Length PDU negotiation is included in all association establishment requests. The maximum length PDU offered for an association initiated by the Juniper is:

- Maximum PDU Offered: 28672

4.2.2.2 Association Establishment Order

The Juniper initiates each C-Store Request one at a time, one for each transfer request being processed.

Image format on the Juniper can be set to one of “Automatic”, “Original Image”, or “Secondary Capture”.

For the “Automatic” setting, the Juniper proposes Ultrasound Multi-Frame Image, Ultrasound Image, Ultrasound Multi-Frame Image (Retired), Ultrasound Image (Retired), Secondary Capture Image, and Comprehensive SR sequentially.

For the “Original Image” setting, the Juniper proposes Ultrasound Multi-Frame Image (Retired), Ultrasound Image (Retired), Secondary Capture, and Comprehensive SR Image to be negotiated sequentially.

For the “Secondary Capture” setting, the Juniper proposes Secondary Capture Image and Comprehensive SR to be negotiated sequentially.

4.2.2.3 Asynchronous Nature

All associations use the default synchronous mode of operation. Asynchronous Operations Window negotiations are not supported on the Juniper.

4.2.2.4 Implementation Identifying Information

- Implementation Class UID: “1.3.12.2.1107.5.5.5” (See below).
- Implementation Version Name: “MergeCOM3_370”

Siemens has provided registration for all Siemens Medical Solutions Groups. This unique Class UID is defined as:

“1.3.12.2.1107.5.5.product”

Where the interpretation is:

1. = International Standards Organization (ISO)

3. = International branch of ISO

12.2.1107.5. = Assigned to Siemens-UB MED

5. = Ultrasound Modality (SMS-UG)

Product = 5 - DICOM implementation for Juniper

4.2.3 Association Initiation by Real-World Activities

4.2.3.1 Real World Activity – Verification

The Juniper has a capable of supporting Verification service class as SCU or SCP. Verification can be initiated as a singular event from the Systems Configuration menu to any configured SCP that supports Verification.

Proposed Presentation Contexts – Verification

The Juniper will propose Presentation Contexts as shown in the table below.

Table 5: VerificationPresentationContext

Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Verification	1.2.840.10008.1.1	Implicit VR Little Endian	1.2.840.10008.1.2	SCU/SCP	None
Verification	1.2.840.10008.1.1	Explicit VR Little Endian	1.2.840.10008.1.2.1	SCU/SCP	None
Verification	1.2.840.10008.1.1	Explicit VR Big Endian	1.2.840.10008.1.2.2	SCU/SCP	None

4.2.3.2 Real World Activity – Store

The Juniper facilitates users to store images and structured reports as they are being created or later in review mode.

Queuing images during acquisition

“Autostore to DICOM” option in Network configuration menu has to be set. One or more of “Print Store 1”, “Print Store 2” and “Clip Store” keys on the control panel can be configured for Store (Image Store, Clip Store). When the user presses one of the configured keys, an image or clip is acquired, stored on the

hard disk and queued up to be transferred to the storage server. Structured reports, if any, will be stored automatically after the study is closed and each time the report is modified after study close.

Queueing images and structured reports in Review mode

User can select one or more closed studies and queue them up for Storage. The Send button with DICOM Store option is available in Patient browser for this operation. All images and structured reports (if any) are stored. The study must be closed to generate a structured report.

Transfer of images to the storage server

See section 4.1.1.2.

Associated Real World Activities

When images and/or structured reports are transferred from the hard disk to a DICOM Store SCP, the system establishes an association between the Juniper AE and the configured DICOM device. The association may be used to store multiple images and/or structured reports and is closed when no images or structured reports are available to be stored to the remote device for five seconds.

Proposed Presentation Context

The following Presentation Contexts are presented to the SCP in an A-ASSOCIATE-RQ for DIMSE C-STORE storage services. The storage services utilize C-STORE services, as defined by the DICOM Standard. The table below represents all “Store” presentation contexts.

Table 6: Store Presentation Context

Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1	Lossy JPEG 8 Bit Image Compression	1.2.840.10008.1.2.4.50	SCU	None
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCU	None
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCU	None
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCU	None
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCU	None

Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCU	None
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
Comprehensive SR	1.2.840.10008.5.1.4.1.1.88.33	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCU	None

The Juniper always acts as an SCU for store and is the client in a client-server model.

Stress-Echo multi-frame images are only stored using Ultrasound Multi-Frame Image Storage with Lossy JPEG 8 Bit Image Compression. All other single and multi-frame images can be stored using other SOP classes and transfer syntaxes as described above.

SOP Specific Conformance to Storage Service SOP Classes

The Store Real World Activity provides standard extended conformance as an SCU for the following standard Storage Service Class SOP:

Table 7: Supported SOP Classes

Service SOP Class Name	SOP Class UID	Conformance Level
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1	Standard Extended
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3	Standard Extended
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1	Standard Extended
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6	Standard Extended
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7	Standard Extended
Comprehensive SR	1.2.840.10008.5.1.4.1.1.88.33	Standard Extended

This is accomplished using the DIMSE C-STORE Service. The SCU issues a service request with a SOP instance that meets the requirements of the desired ultrasound, secondary capture, or structured report IOD.

The following Structured Report Templates are supported by the ACUSON Juniper™ system:

- TID 5000 “OB-GYN Ultrasound Procedure Report”
- TID 5100 “Vascular Ultrasound Procedure Report”
- TID 5200 “Adult Echocardiography Ultrasound Procedure Report”
- TID 5220 “Fetal Echo Structured Report”
-

The following table denotes the attributes included in the Ultrasound Image Object as implemented on the Juniper. Attributes not listed are not used.

Table 8: Ultrasound Image and Ultrasound Retired Image IOD Attributes

Module	Attribute	Tag	Notes
Patient Identification	Patient's Name	(0010,0010)	Patient Data Screen – Last Name, First & Middle fields. Populated from Modality Worklist if used.
	Patient ID	(0010,0020)	Patient Data Screen – ID field. Default is today's date & time (e.g., 03_04_2015_17_54_43 = Apr. 3, 2015 at 5:54:43 PM). Populated from Modality Worklist if used.
Patient Demographic	Patient's Birth Date	(0010,0030)	Patient Data Screen – DOB field. Default is a zero length attribute. Populated from Modality Worklist if used.
	Patient's Sex	(0010,0040)	Patient Data Screen – Gender field. M = male F = female. O = Other Default is a zero length attribute. Populated from Modality Worklist if used.
	Patient's Age	(0010,1010)	Calculated from Patient Data Screen DOB field.
	Patient's Size	(0010,1020)	Patient Data Screen – Height field. Populated from Modality Worklist if used.
	Patient's Weight	(0010,1030)	Patient Data Screen – Weight field. Populated from Modality Worklist if used.
	Other Patient IDs	(0010,1000)	Populated from Worklist
Patient Study	Admitting Diagnosis Description	(0008,1080)	Patient Data Screen – Indication field. Populated from Modality Worklist if used.
General Study	Study Instance UID	(0020,000D)	Populated from Modality Worklist if used; generated by Juniper otherwise
	Image Type	(0008,0008)	Example value: ORIGINAL\PRIMARY\OB\0001 Value 1: ORIGINAL or DERIVED Value 2: PRIMARY or SECONDARY Value 3: Set to value by exam type Value 4: It is constructed as a modality bit map to allow for a description of multi-modality displays. In using this bit map, the sum of the values of the various modalities will unambiguously determine the constituent modalities.

Module	Attribute	Tag	Notes
			0001 = 2D Imaging 0002 = M-Mode 0004 = CW Doppler 0008 = PW Doppler 0010 = Color Doppler 0020 = Color M-Mode 0040 = 3D Rendering 0100 = Color Power Mode
	Study Date	(0008,0020)	Date the exam started.
	Study Time	(0008,0030)	Time the exam started.
	Referring Physician's Name	(0008,0090)	Patient Data Screen – Physician field. Populated from Modality Worklist if used.
	Study ID	(0020,0010)	Generated by Juniper
	Accession Number	(0008,0050)	Patient Data Screen – Accession # field. Populated from Modality Worklist if used.
	Study Description	(0008,1030)	Populated with the first attribute from Modality Worklist that contains a valid value from the following list of attributes: Study Description (0008,1030), Scheduled Procedure Step Description (0040,0007), Requested Procedure Description (0032,1060). If Modality Worklist was not used or none of the attributes contains a valid value, QuickSet Screen – Description field is used. If Decscription field is empty, QuickSet Screen – Exam/QuickSet name is used.
General Series	Modality	(0008,0060)	Always set to "US"
	Series Instance UID	(0020,000E)	Generated by Juniper
	Series Number	(0020,0011)	Series Number in study (1-n).
	Laterality	(0020,0060)	Always sent as 0 length attribute
	^(b) Series Date	(0008,0021)	Date the series started.
	^(b) Series Time	(0008,0031)	Time the series started.
	^(b) Series Description	(0008,103E)	Populated with Scheduled Procedure Step Description if a value was provided by Modality Worklist.
	Body Part Examined	(0018, 0015)	The exam type of the most recent image stored in a particular series. If no images are stored for a series then the value is set to "Ultrasound".
	Protocol Name	(0018,1030)	Value is set to "NONE"
	^(b) Request Attributes Sequence	(0040,0275)	Populated with Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	^{>(b)} Scheduled Procedure Step Description	(0040,0007)	Populated with Scheduled Procedure Step Description (0040, 0007) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.

Module	Attribute	Tag	Notes
	> ^(b) Scheduled Protocol Code Sequence	(0040,0008)	Populated with Scheduled Protocol Code Sequence (0040, 0008) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	>Requested Procedure Description	(0032,1060)	Populated from Requested Procedure Description in MWL query
	> ^(b) Scheduled Procedure Step ID	(0040,0009)	Populated with Scheduled Procedure Step ID (0040, 0009) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	> ^(b) Requested Procedure ID	(0040,1001)	Populated with Requested Procedure ID (0040, 1001) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	^(b) Performed Procedure Step Start Date	(0040,0244)	Date the Performed Procedure Step was started.
	^(b) Performed Procedure Step Start Time	(0040,0245)	Time the Performed Procedure Step was started.
	^(b) Performed Procedure Step ID	(0040,0253)	Populated with Scheduled Procedure Step ID (0040, 0009) if provided by Modality Worklist.
	^(b) Performed Procedure Step Description	(0040,0254)	Populated with Scheduled Procedure Step Description (0040,0007) if provided by Modality Worklist.
	^(b) Performed Procedure Protocol Code Sequence	(0040,0260)	Populated with Scheduled Protocol Code Sequence (0040,0008) if provided by Modality Worklist.
	^(b) Comments on the Performed Procedure Step	(0040,0280)	Populated with Comments on the Scheduled Procedure Step (0040,0400) if provided by Modality Worklist.
	Referenced Performed Procedure Step Sequence	(0008,1111)	Populated with MPPS SOP Class UID and MPPS SOP instance UID of MPPS command sent for the procedure step(s) performed.
General Equipment	Manufacturer	(0008,0070)	Set to "SIEMENS Healthineers"
	Station Name	(0008, 1010)	Station AE title
	Institution Name	(0008,0080)	System Configuration – Institution Name field.
	Software Versions	(0018,1020)	Set to the DICOM Software Version
	Manufacturer's Model Name	(0008,1090)	Set to "ACUSON <Product Name>"
General Image	Acquisition Date	(0008,0022)	The date of the acquisition of data. Can influence sort order in browser and review
	Acquisition Time	(0008,0032)	The time of the acquisition of data. Can influence sort order in browser and review
	Content Date	(0008,0023)	Image creation date <yyyymmdd>
	Content Time	(0008,0033)	Image creation time <hhmmss.fffff>.

Module	Attribute	Tag	Notes
			The fffff component (fractional part of a second), if present, shall contain 1 to 6 digits.
	Instance Number	(0020,0013)	Image number in study (1 – n)
	Patient Orientation	(0020,0020)	Always sent as 0 length attribute
Image Pixel	Samples per Pixel	(0028,0002)	Set to 1 for MONOCHROME2 images, 3 for RGB images.
	Photometric Interpretation	(0028,0004)	Set to "MONOCHROME2" or "RGB"
	Planar Configuration	(0028,0006)	Color by plane. Color frame pixel order is configured as a planar image. Set to 0 (color by pixel) for RGB pixel-ordered image, 1 (color by plane) for planar image. Required when Samples per Pixel has a value greater than 1.
	Rows	(0028,0010)	This value may be from 240 and 864.
	Columns	(0028,0011)	This value may be from 320 and up to 1152.
	Bits Allocated	(0028,0100)	Set to 8.
	Bits Stored	(0028,0101)	Set to 8.
	High Bit	(0028,0102)	Set to 7.
	Pixel Representation	(0028,0103)	Set to 0
	Pixel Data	(7FE0,0010)	
US Image	Heart Rate	(0018,1088)	Only provided if heart rate is > 0
	Lossy Image Compression	(0028,2110)	"00"
	Transducer Data	(0018,5010)	An array of values associated with transducer information, sequence of data is contained as <TransducerName>, <TransducerSerialNumber>, <TransducerVendor>.
SOP Common	SOP Class UID	(0008,0016)	1.2.840.10008.5.1.4.1.1.6.1 or 1.2.840.10008.5.1.4.1.1.6
	SOP Instance UID	(0008,0018)	Generated by Juniper
	Specific Character Set	(0008,0005)	Set to values as defined in Section 7.4 of this document.
Image Plane	Pixel Spacing	(0028,0030)	Pixel Spacing information is only provided for single, full screen, 2D image types (2D image types are B-mode, B-mode with color, B-mode with power).
Region Calibration	(c)Sequence of Ultrasound Regions	(0018,6011)	
	>(c)Region Spatial Format	(0018,6012)	B-Mode (Tissue or Color) = 0001H M-Mode (Tissue or Color) = 0002H Spectral (CW/PW) Doppler = 0003H
	>(c)Region Data Type	(0018,6014)	B-Mode, M-Mode = 0001H (Tissue) Spectral Doppler = 0004H (CW Spectral Doppler)

Module	Attribute	Tag	Notes
			Spectral Doppler = 0003H (PW Spectral Doppler)
	>(c)Region Flags	(0018,6016)	1st Bit (LSB) = 1 (All images acquired are transparent) 2nd Bit = 1 (All images acquired are automatically scaled) 3rd Bit = 1 for frequency scale 3rd Bit = 0 for velocity scale. The value of the 3rd bit is undefined for any mode other than Doppler. The value for 3rd bit is undefined if both frequency and velocity scales are selected on the Doppler image. 4th Bit is Reserved and value is always 0
	>(c)Region Location Min X0	(0018,6018)	
	>(c)Region Location Min Y0	(0018,601A)	
	>(c)Region Location Max X1	(0018,601C)	
	>(c)Region Location Max Y1	(0018,601E)	
	>(c)Physical Units X direction	(0018,6024)	B-Mode (Tissue or Color) = 0003H (cm) M-Mode (Tissue or Color) = 0004H (seconds) Spectral (CW/PW) Doppler = 0004H (seconds)
	>(c)Physical Units Y direction	(0018,6026)	B-Mode (Tissue or Color) = 0003H (cm) M-Mode (Tissue or Color) = 0003H (cm) Spectral (CW/PW) Doppler = 0007H (cm/sec)
	>(c)Physical Delta X	(0018,602C)	
	>(c)Physical Delta Y	(0018,602E)	
	>(c)Reference Pixel X0	(0018,6020)	Attribute only set for Spectral Doppler Regions
	>(c)Reference Pixel Y0	(0018,6022)	Attribute only set for Spectral Doppler Regions
	>(c)Reference Pixel Physical Value X	(0018,6028)	Attribute only set for Spectral Doppler Regions When provided, value is always 0.
	>(c)Reference Pixel Physical Value Y	(0018,602A)	Attribute only set for Spectral Doppler Regions When provided, value is always 0.
Private Attributes	(a)Private Creator	(0011,0010)	Reserves tags 0011,1000 through 0011,10FF for use as private tags.
	(a)Siemens Medical Solutions Model Name	(0011,1010)	Always set to "<Product Name>".
	(a)PIMS Software Version	(0011,1011)	Set to version of PIMS software installed.
	(a)Private Data	(0011,1020)	For internal Juniper use only.
	(a)Private Data	(0011,1021)	For internal Juniper use only.
	(a)Private Creator	(0013,0010)	Reserves tags 0013, 1000 through 0013, 10FF for use as private tags.

Module	Attribute	Tag	Notes
Private Attributes	(a)Siemens Medical Solutions Model Name	(0013,1010)	Always set to "<Product Name>".
	(a)PIMS Software Version	(0013,1011)	Set to version of PIMS software installed.
	(a)Private Data	(0013,1020)	For internal Juniper use only.
	(a)Private Creator	(0015,0010)	This group is populated only if data is available. Reserves tags 0015, 1000 through 0015, 10FF for use as private tags.
	(a)Siemens Medical Solutions Model Name	(0015,1010)	Always set to "<Product Name>".
	(a)PIMS Software Version	(0015,1011)	Set to version of PIMS software installed.
	(a)Private Data	(0015,1020)	For internal Juniper use only.
	(a)Private Creator	(0017,0010)	This group is populated only if data is available. Reserves tags 0017, 1000 through 0017, 10FF for use as private tags.
	(a)Siemens Medical Solutions Model Name	(0017,1010)	Always set to "<Product Name>".
	(a)PIMS Software Version	(0017,1011)	Set to version of PIMS software installed.
	(a)Private Data	(0017,1020)	For internal Juniper use only.
	Private Creator	(0019,0010)	Reserves tags 0019, 1000 through 0019, 10FF for use as private tags.
	Import Structured Reports	(0019,1020)	Set to "O" or "C" or "CO" if Obstetric or cardiac SR options was purchased and SR generation was configured. Otherwise set to "No". Instructs SCP that it should attempt to import measurements from SR.

- (a) The Attribute is only provided if the image is written to media.
- (b) The Attribute is only provided if the procedure step is queried from the MWL server.
- (c) Region Calibration is provided only for 2D (B-Mode), M-Mode, and Spectral Doppler Regions. Region Calibration is not supported on Ultrasound RETIRED images, Screen Captures, and post-processed images. Region Calibration is not supported for M-Mode or Spectral Doppler still images taken from Live Imaging.

Table 9: Ultrasound MultiFrame and Ultrasound MultiFrame Retired Image IOD Attributes

Module	Attribute	Tag	Notes
Patient Identification	Patient's Name	(0010,0010)	Patient Data Screen – Last Name, First & Middle fields. Populated from Modality Worklist if used.
	Patient ID	(0010,0020)	Patient Data Screen – ID field. Default is today's date & time (e.g., 03_04_2015_17_54_43 = Apr. 3,

Module	Attribute	Tag	Notes
			2015 at 5:54:43 PM). Populated from Modality Worklist if used.
Patient Demographic	Patient's Birth Date	(0010,0030)	Patient Data Screen – DOB field. Default is a zero length attribute. Populated from Modality Worklist if used.
	Patient's Sex	(0010,0040)	Patient Data Screen – Gender field. M = male F = female. O= Other Default is a zero length attribute. Populated from Modality Worklist if used.
	Patient's Age	(0010,1010)	Calculated from Patient Data Screen DOB field.
	Patient's Size	(0010,1020)	Patient Data Screen – Height field. Populated from Modality Worklist if used.
	Patient's Weight	(0010,1030)	Patient Data Screen – Weight field. Populated from Modality Worklist if used.
	Other Patient IDs	(0010,1000)	Populated from Worklist
Patient Study	Admitting Diagnosis Description	(0008,1080)	Patient Data Screen – Indication field. Populated from Modality Worklist if used.
General Study	Study Instance UID	(0020,000D)	Populated from Modality Worklist if used; generated by Juniper otherwise.
	Image Type	(0008,0008)	Example value: ORIGINAL\PRIMARY\OB\0001 Value 1: ORIGINAL or DERIVED Value 2: PRIMARY or SECONDARY Value 3: Set to value by exam type Value 4: It is constructed as a modality bit map to allow for a description of multi-modality displays. In using this bit map, the sum of the values of the various modalities will unambiguously determine the constituent modalities. 0001 = 2D Imaging 0002 = M-Mode 0004 = CW Doppler 0008 = PW Doppler 0010 = Color Doppler 0020 = Color M-Mode 0040 = 3D Rendering
	Study Date	(0008,0020)	Date the exam started.
	Study Time	(0008,0030)	Time the exam started.

Module	Attribute	Tag	Notes
	Referring Physician's Name	(0008,0090)	Patient Data Screen – Physician field. Populated from Modality Worklist if used.
	Study ID	(0020,0010)	Generated by Juniper
	Accession Number	(0008,0050)	Patient Data Screen – Accession # field. Populated from Modality Worklist if used.
	Study Description	(0008,1030)	Populated with the first attribute from Modality Worklist that contains a valid value from the following list of attributes: Study Description (0008, 1030), Scheduled Procedure Step Description (0040, 0007), Requested Procedure Description (0032, 1060). If Modality Worklist was not used or none of the attributes contains a valid value, QuickSet Screen – Description field is used. If Decscription field is empty, QuickSet Screen – Exam/QuickSet name is used.
General Series	Modality	(0008,0060)	Always set to “US”
	Series Instance UID	(0020,000E)	Generated by Juniper
	Series Number	(0020,0011)	Series Number in study (1-n).
	Laterality	(0020,0060)	Always sent as 0 length attribute
	^(b) Series Date	(0008,0021)	Date the series started.
	^(b) Series Time	(0008,0031)	Time the series started.
	^(b) Series Description	(0008,103E)	Populated with Scheduled Procedure Step Description if a value was provided by Modality Worklist.
	Body Part Examined	(0018, 0015)	The exam type of the most recent image stored in a particular series. If no images are stored for series then the value is set to “Ultrasound”.
	Protocol Name	(0018,1030)	In case of Stress Echo image, value is set to procotol name, and in case of other images, value is set to “NONE”
	^(b) Request Attributes Sequence	(0040,0275)	Populated with Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	> ^(b) Scheduled Procedure Step Description	(0040,0007)	Populated with Scheduled Procedure Step Description (0040, 0007) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	> ^(b) Scheduled Protocol Code Sequence	(0040,0008)	Populated with Scheduled Protocol Code Sequence (0040, 0008) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	> ^(b) Scheduled Procedure Step ID	(0040,0009)	Populated with Scheduled Procedure Step ID (0040, 0009) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	> ^(b) Requested Procedure ID	(0040,1001)	Populated with Requested Procedure ID (0040, 1001) from Scheduled Procedure

Module	Attribute	Tag	Notes
			Step Sequence (0040, 0100) if provided by Modality Worklist.
	>Requested Procedure Description	(0032,1060)	Populated from Requested Procedure Description in MWL query
	^(b) Performed Procedure Step Start Date	(0040,0244)	Date the Performed Procedure Step was started.
	^(b) Performed Procedure Step Start Time	(0040,0245)	Time the Performed Procedure Step was started.
	^(b) Performed Procedure Step ID	(0040,0253)	Populated with Scheduled Procedure Step ID (0040,0009) if provided by Modality Worklist.
	^(b) Performed Procedure Step Description	(0040,0254)	Populated with Scheduled Procedure Step Description (0040,0007) if provided by Modality Worklist.
	^(b) Performed Procedure Protocol Code Sequence	(0040,0260)	Populated with Scheduled Protocol Code Sequence (0040,0008) if provided by Modality Worklist.
	^(b) Comments on the Performed Procedure Step	(0040,0280)	Populated with Comments on the Scheduled Procedure Step (0040,0400) if provided by Modality Worklist.
	Referenced Performed Procedure Step Sequence	(0008,1111)	Populated with MPPS SOP Class UID and MPPS SOP instance UID of MPPS command sent for the procedure step(s) performed.
General Equipment	Manufacturer	(0008,0070)	Set to "SIEMENS Healthineers"
	Station Name	(0008, 1010)	Station AE title
	Institution Name	(0008,0080)	System Configuration – Institution Name field.
	Software Versions	(0018,1020)	Set to the DICOM Software Version
	Manufacturer's Model Name	(0008,1090)	Set to "ACUSON <Product Name>".
General Image	Acquisition Date	(0008,0022)	The date of the acquisition of data. Can influence sort order in browser and review
	Acquisition Time	(0008,0032)	The time of the acquisition of data. Can influence sort order in browser and review
	Content Date	(0008,0023)	Image creation date <yyyymmdd>
	Content Time	(0008,0033)	Image creation time <hhmmss.ffffff>. The ffffff component (fractional part of a second), if present, shall contain 1 to 6 digits.
	Instance Number	(0020,0013)	Image number in study (1 - n)
	Patient Orientation	(0020,0020)	Always sent as 0 length attribute
Image Pixel	Samples per Pixel	(0028,0002)	Set to 1 for MONOCHROME2 images, 3 for RGB and YBR_FULL_422 images.
	Photometric Interpretation	(0028,0004)	"YBR_FULL_422" if sent compressed, "RGB" or "MONOCHROME2" if sent uncompressed.

Module	Attribute	Tag	Notes
	Planar Configuration	(0028,0006)	Color by plane. Color frame pixel order is configured as a planar image. Set to 0 (color by pixel) for RBG pixel-ordered image, 1 (color by plane) for planar image. Required when Samples per Pixel has a value greater than 1.
	Rows	(0028,0010)	This value may be from 240 and 864.
	Columns	(0028,0011)	This value may be from 320 and up to 1152.
	Bits Allocated	(0028,0100)	Set to 8.
	Bits Stored	(0028,0101)	Set to 8.
	High Bit	(0028,0102)	Set to 7.
	Pixel Representation	(0028,0103)	Set to 0.
	Pixel Data	(7FE0, 0010)	
US Image	Image Type	(0008,0008)	Sent as a 0 length attribute.
	Heart Rate	(0018,1088)	Only provided if heart rate is > 0
	Lossy Image Compression	(0028,2110)	Always set to "01"
	(a)Stage Name	(0008,2120)	
	(a)Stage Number	(0008,2122)	
	(a)Number of Stages	(0008,2124)	
	(a)View Names	(0008,2127)	
	(a)View Number	(0008,2128)	
	(a)Number of Views in Stage	(0008,212A)	
	(a)Transducer Type	(0018,6031)	
	(a)R Wave Time Vector	(0018,6060)	
	(a)Mechanical Index	(0018,5022)	
	(a)Depth Of Scan Field	(0018,5050)	2D FOV depth in mm unit
	(a)Number Of Event Timers	(0018,2129)	The number of event timers used at the time of acquisition of a Multi-frame image.
	(a)Event Elapsed Time(s)	(0018,2130)	An array of values associated with each event timer. Units in milliseconds.
	(a)Event Timer Name(s)	(0018,2132)	Name that identifies the event timer.
	Transducer Data	(0018,5010)	An array of values associated with transducer information, sequence of data is contained as <TransducerName>, <TransducerSerialNumber>, <TransducerVendor>.
WaveForm	(a)Waveform Sequence	(5400,0100)	
	>Acquisition DateTime	(0008,002A)	
	>Trigger Time Offset	(0018,1069)	
	>Waveform Originality	(003A,0004)	ORIGINAL
	>Number of Waveform Channels	(003A,0005)	1
	>Number of Waveform Samples	(003A,0010)	
	>Sampling Frequency	(003A,001A)	

Module	Attribute	Tag	Notes
	>Channel Definition Sequence	(003A,0200)	
	>>Channel Source Sequence	(003A,0208)	
	>>>Include 'Code Sequence Macro'		
	>>Channel Sensitivity	(003A,0210)	
	>>Channel Sensitivity Units Sequence	(003A,0211)	
	>>>Include 'Code Sequence Macro'		
	>>Waveform Bits Stored	(003A,021A)	
	>Waveform Bits Allocated	(5400,1004)	
	>Waveform Sample Interpretation	(5400,1006)	
	>Waveform Data	(5400,1010)	
SOP Common	SOP Class UID	(0008,0016)	1.2.840.10008.5.1.4.1.1.3.1 or 1.2.840.10008.5.1.4.1.1.3
	SOP Instance UID	(0008,0018)	Generated by Juniper
	Specific Character Set	(0008,0005)	Set to values as defined in Section 7.4 of this document
	(a)Instance Creation Date	(0008,0012)	Created
	(a)Instance Creation Time	(0008,0013)	Created
Image Plane	Pixel Spacing	(0028,0030)	Pixel Spacing information is only provided for single, full screen, 2D image types (2D image types are B-Mode, B-Mode Color, B-Mode with power).
Cine	Frame Time Vector	(0018,1065)	
Multi-Frame	Number of Frames	(0028,0008)	
	Frame Increment Pointer	(0028,0009)	00181065H
Region Calibration	(c)Sequence of Ultrasound Regions	(0018,6011)	
	>(c)Region Spatial Format	(0018,6012)	B-Mode (Tissue or Color) = 0001H M-Mode (Tissue or Color) = 0002H Spectral (CW/PW) Doppler = 0003H
	>(c)Region Data Type	(0018,6014)	B-Mode, M-Mode = 0001H (Tissue) Spectral Doppler = 0004H (CW Spectral Doppler) Spectral Doppler = 0003H (PW Spectral Doppler)
	>(c)Region Flags	(0018,6016)	1st Bit (LSB) = 1 (All images acquired are transparent) 2nd Bit = 1 (All images acquired are automatically scaled) 3rd Bit = 1 for frequency scale 3rd Bit = 0 for velocity scale. The value of the 3rd bit is undefined for any mode other than Doppler. The value for 3rd bit is undefined if both frequency and velocity scales are selected on the Doppler image. 4th Bit is Reserved and value is always 0
	>(c)Region Location Min X0	(0018,6018)	

Module	Attribute	Tag	Notes
	>(^)Region Location Min Y0	(0018,601A)	
	>(^)Region Location Max X1	(0018,601C)	
	>(^)Region Location Max Y1	(0018,601E)	
	>(^)Physical Units X direction	(0018,6024)	B-Mode (Tissue or Color) = 0003H (cm) M-Mode (Tissue or Color) = 0004H (seconds) Spectral (CW/PW) Doppler = 0004H (seconds)
	>(^)Physical Units Y direction	(0018,6026)	B-Mode (Tissue or Color) = 0003H (cm) M-Mode (Tissue or Color) = 0003H (cm) Spectral (CW/PW) Doppler = 0007H (cm/sec)
	>(^)Physical Delta X	(0018,602C)	
	>(^)Physical Delta Y	(0018,602E)	
	>(^)Reference Pixel X0	(0018,6020)	Attribute only set for Spectral Doppler Regions
	>(^)Reference Pixel Y0	(0018,6022)	Attribute only set for Spectral Doppler Regions
	>(^)Reference Pixel Physical Value X	(0018,6028)	Attribute only set for Spectral Doppler Regions When provided, value is always 0.
	>(^)Reference Pixel Physical Value Y	(0018,602A)	Attribute only set for Spectral Doppler Regions When provided, value is always 0.
Private Attributes	(^d)Private Creator	(0011,0010)	Reserves tags 0011, 1000 through 0011, 10FF for use as private tags.
	(^d)Siemens Medical Solutions Model Name	(0011,1010)	Always set to "<Product Name>".
	(^d)PIMS Software Version	(0011,1011)	Set to version of PIMS software installed.
	(^d)Private Data	(0011,1020)	For internal Juniper use only.
	(^d)Private Data	(0011,1021)	For internal Juniper use only.
	(^d)Private Creator	(0013,0010)	Reserves tags 0013, 1000 through 0013, 10FF for use as private tags.
	(^d)Siemens Medical Solutions Model Name	(0013,1010)	Always set to "<Product Name>".
	(^d)PIMS Software Version	(0013,1011)	Set to version of PIMS software installed.
	(^d)Private Data	(0013,1020)	For internal Juniper use only.
	(^d)Private Creator	(0015,0010)	This group is populated only if data is available. Reserves tags 0015, 1000 through 0015, 10FF for use as private tags.
	(^d)Siemens Medical Solutions Model Name	(0015,1010)	Always set to "<Product Name>".
	(^d)PIMS Software Version	(0015,1011)	Set to version of PIMS software installed.
	(^d)Private Data	(0015,1020)	For internal Juniper use only.
	(^d)Private Creator	(0017,0010)	This group is populated only if data is available. Reserves tags 0017, 1000 through 0017, 10FF for use as private tags.

Module	Attribute	Tag	Notes
Private Attributes	^(d) Siemens Medical Solutions Model Name	(0017,1010)	Always set to "<Product Name>".
	^(d) PIMS Software Version	(0017,1011)	Set to version of PIMS software installed.
	^(d) Private Data	(0017,1020)	For internal Juniper use only.
	Private Creator	(0019,0010)	Reserves tags 0019, 1000 through 0019, 10FF for use as private tags.
	Import Structured Reports	(0019,1020)	Set to "O" or "C" or "CO" if SR options were purchased and SR generation was configured. Otherwise set to "No". Instructs SCP that it should attempt to import measurements from SR.
	^(a) B-mode Tint Index(used for routing the image to B&W or Color printer)	(0019,102D)	
	Private Creator	(7FDF,0010)	Reserved tags 7FDF,1000 through 7FDF,FE00 for use as private tags
	Private Creator	(7FDF,0011)	
	Microseconds in unit timestamp	(7FDF,1083)	Set to 20 microsecond
	Acoustic Frame Timestamp	(7FDF,1085)	Time corresponding to the end of ultrasound data collection at the end of each acoustic frame.
	^(a) Private Creator	(0119,0010)	Set to "SIEMENS Ultrasound Juniper"
	^(a) Stage Timer Time	(0119,1011)	
	^(a) Stop Watch Time	(0119,1012),	

- ^(a) The Attribute is provided for Stress Echo Images, the waveform sequence attribute is provided for single layout images with physio stream, too.
- ^(b) The Attribute is only provided if the procedure step is queried from the MWL server.
- ^(c) Region Calibration is provided only for 2D (B-Mode), M-Mode and Spectral Doppler Regions. Region Calibration is not supported on Ultrasound Retired images, Screen Captures and post-processed images. Region Calibration is not supported for M-Mode or Spectral Doppler still images taken from Live Imaging.
- ^(d) The Attribute is only provided if the image is written to media.

This table denotes the attributes included in the Ultrasound Multi-Frame Image IOD as implemented on the Juniper, when used for 3D volumetric data sets. Each frame represents a single slice from the 3D volume.

Table 10: Ultrasound MultiFrame IOD Attributes – 3D Volumetric Data

Module	Attribute	Tag	Notes
Patient Identification	Patient's Name	(0010,0010)	Patient Data Screen – Last Name, First & Middle fields. Populated from Modality Worklist if used.

Module	Attribute	Tag	Notes
	Patient ID	(0010,0020)	Patient Data Screen – ID field. Default is today's date & time (e.g., 03_04_2003_17_54_43 = Apr. 3, 2003 at 5:54:43 PM). Populated from Modality Worklist if used.
Patient Demographic	Patient's Birth Date	(0010,0030)	Patient Data Screen – DOB field. Default is a zero length attribute. Populated from Modality Worklist if used.
	Patient's Sex	(0010,0040)	Patient Data Screen – Gender field. M = male F = female. O= Other Default is a zero length attribute. Populated from Modality Worklist if used.
	Patient's Age	(0010,1010)	Calculated from Patient Data Screen DOB field.
	Patient's Size	(0010,1020)	Patient Data Screen – Height field. Populated from Modality Worklist if used.
	Patient's Weight	(0010,1030)	Patient Data Screen – Weight field. Populated from Modality Worklist if used.
	Other Patient IDs	(0010,1000)	Populated from Worklist
Patient Study	Admitting Diagnosis Description	(0008,1080)	Patient Data Screen – Indication field. Populated from Modality Worklist if used.
General Study	Study Instance UID	(0020,000D)	Populated from Modality Worklist if used; generated by Juniper otherwise.
	Image Type	(0008,0008)	Example value: ORIGINAL\PRIMARY\OB\0001 Value 1: ORIGINAL or DERIVED Value 2: PRIMARY or SECONDARY Value 3: Set to value by exam type Value 4: It is constructed as a modality bit map to allow for a description of multi-modality displays. In using this bit map, the sum of the values of the various modalities will unambiguously determine the constituent modalities. 0001 = 2D Imaging 0002 = M-Mode 0004 = CW Doppler 0008 = PW Doppler 0010 = Color Doppler 0020 = Color M-Mode 0040 = 3D Rendering

Module	Attribute	Tag	Notes
	Study Date	(0008,0020)	Date the exam started.
	Study Time	(0008,0030)	Time the exam started.
	Referring Physician's Name	(0008,0090)	Patient Data Screen – Physician field. Populated from Modality Worklist if used.
	Study ID	(0020,0010)	Generated by Juniper
	Accession Number	(0008,0050)	Patient Data Screen – Accession # field. Populated from Modality Worklist if used.
	Study Description	(0008,1030)	Populated with the first attribute from Modality Worklist that contains a valid value from the following list of attributes: Study Description (0008, 1030), Scheduled Procedure Step Description (0040, 0007), Requested Procedure Description (0032, 1060). If Modality Worklist was not used or none of the attributes contains a valid value QuickSet Screen – Description field is used. If Description field is empty, QuickSet Screen – Exam/QuickSet name is used.
General Series	Modality	(0008,0060)	Always set to “US”
	Series Instance UID	(0020,000E)	Generated by Juniper
	Series Number	(0020,0011)	Series Number in study (1-n).
	Laterality	(0020,0060)	Always sent as 0 length attribute
	^(b) Series Date	(0008,0021)	Date the series started.
	^(b) Series Time	(0008,0031)	Time the series started.
	^(b) Series Description	(0008,103E)	Populated with Scheduled Procedure Step Description if a value was provided by Modality Worklist.
	Protocol Name	(0018,1030)	Value is set to “NONE”
	^(b) Request Attributes Sequence	(0040,0275)	Populated with Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	> ^(b) Scheduled Procedure Step Description	(0040,0007)	Populated with Scheduled Procedure Step Description (0040, 0007) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	> ^(b) Scheduled Protocol Code Sequence	(0040,0008)	Populated with Scheduled Protocol Code Sequence (0040, 0008) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	> ^(b) Scheduled Procedure Step ID	(0040,0009)	Populated with Scheduled Procedure Step ID (0040, 0009) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	> ^(b) Requested Procedure ID	(0040,1001)	Populated with Requested Procedure ID (0040, 1001) from Scheduled Procedure Step Sequence (0040, 0100) if provided by Modality Worklist.
	>Requested Procedure Description	(0032,1060)	Populated from Requested Procedure Description in MWL query

Module	Attribute	Tag	Notes
	(b)Performed Procedure Step Start Date	(0040,0244)	Date the Performed Procedure Step was started.
	(b)Performed Procedure Step Start Time	(0040,0245)	Time the Performed Procedure Step was started.
	(b)Performed Procedure Step ID	(0040,0253)	Populated with Scheduled Procedure Step ID (0040,0009) if provided by Modality Worklist.
	(b)Performed Procedure Step Description	(0040,0254)	Populated with Scheduled Procedure Step Description (0040,0007) if provided by Modality Worklist.
	(b)Performed Procedure Protocol Code Sequence	(0040,0260)	Populated with Scheduled Protocol Code Sequence (0040,0008) if provided by Modality Worklist.
	(b)Comments on the Performed Procedure Step	(0040,0280)	Populated with Comments on the Scheduled Procedure Step (0040,0400) if provided by Modality Worklist.
	Referenced Performed Procedure Step Sequence	(0008,1111)	Populated with MPPS SOP Class UID and MPPS SOP instance UID of MPPS command sent for the procedure step(s) performed.
General Equipment	Manufacturer	(0008,0070)	Set to "SIEMENS Healthineers"
	Station Name	(0008, 1010)	Station AE title
	Institution Name	(0008,0080)	System Configuration – Institution Name field.
	Software Versions	(0018,1020)	Set to the DICOM Software Version
	Manufacturer's Model Name	(0008,1090)	Set to "ACUSON <Product Name>".
General Image	Instance Number	(0020,0013)	Image number in study (1 - n)
	Patient Orientation	(0020,0020)	Always sent as 0 length attribute
Image Pixel	Samples per Pixel	(0028,0002)	Set to 1 for MONOCHROME2 images, 3 for RGB and YBR_FULL_422 images.
	Photometric Interpretation	(0028,0004)	"YBR_FULL_422" if sent compressed, "RGB" or "MONOCHROME2" if sent uncompressed.
	Planar Configuration	(0028,0006)	Color by plane. Color frame pixel order is configured as a planar image. Set to 0 (color by pixel) for RBG pixel-ordered image, 1 (color by plane) for planar image. Required when Samples per Pixel has a value greater than 1.
	Rows	(0028,0010)	This value may be from 240 and 864.
	Columns	(0028,0011)	This value may be from 320 and up to 1152.
	Bits Allocated	(0028,0100)	Set to 8.
	Bits Stored	(0028,0101)	Set to 8.
	High Bit	(0028,0102)	Set to 7.
	Pixel Representation	(0028,0103)	Set to 0.
	Pixel Data	(7FE0, 0010)	
US Image	Image Type	(0008,0008)	Sent as a 0 length attribute.

Module	Attribute	Tag	Notes
	Heart Rate	(0018,1088)	Only provided if heart rate is > 0
	Lossy Image Compression	(0028,2110)	Always set to "01"
	(a)Stage Name	(0008,2120)	
	(a)Stage Number	(0008,2122)	
	(a)Number of Stages	(0008,2124)	
	(a)View Names	(0008,2127)	
	(a)View Number	(0008,2128)	
	(a)Number of Views in Stage	(0008,212A)	
	(a)Transducer Type	(0018,6031)	
	(a)R Wave Time Vector	(0018,6060)	
	(a)Mechanical Index	(0018,5022)	
	(a)Depth Of Scan Field	(0018,5050)	2D FOV depth in mm unit
	(a)Number Of Event Timers	(0018,2129)	The number of event timers used at the time of acquisition of a Multi-frame image.
	(a)Event Elapsed Time(s)	(0018,2130)	An array of values associated with each event timer. Units in milliseconds.
	(a)Event Timer Name(s)	(0018,2132)	Name that identifies the event timer.
WaveForm	(a)Waveform Sequence	(5400,0100)	
	>Acquisition DateTime	(0008,002A)	
	>Trigger Time Offset	(0018,1069)	
	>Waveform Originality	(003A,0004)	ORIGINAL
	>Number of Waveform Channels	(003A,0005)	1
	>Number of Waveform Samples	(003A,0010)	
	>Sampling Frequency	(003A,001A)	
	>Channel Definition Sequence	(003A,0200)	
	>>Channel Source Sequence	(003A,0208)	
	>>>Include 'Code Sequence Macro'		
	>>Channel Sensitivity	(003A,0210)	
	>>Channel Sensitivity Units Sequence	(003A,0211)	
	>>>Include 'Code Sequence Macro'		
	>>Waveform Bits Stored	(003A,021A)	
	>Waveform Bits Allocated	(5400,1004)	
	>Waveform Sample Interpretation	(5400,1006)	
	>Waveform Data	(5400,1010)	
SOP Common	SOP Class UID	(0008,0016)	1.2.840.10008.5.1.4.1.1.3.1 or 1.2.840.10008.5.1.4.1.1.3
	SOP Instance UID	(0008,0018)	Generated by Juniper
	Specific Character Set	(0008,0005)	Set to values as defined in Section 7.4 of this document
	(a)Instance Creation Date	(0008,0012)	Created
	(a)Instance Creation Time	(0008,0013)	Created

Module	Attribute	Tag	Notes
Image Plane	Pixel Spacing	(0028,0030)	Pixel Spacing information is only provided for single, full screen, 2D image types (2D image types are B-Mode, B-Mode Color, B-Mode with power).
Cine	Frame Time Vector	(0018,1065)	
Multi-Frame	Number of Frames	(0028,0008)	
	Frame Increment Pointer	(0028,0009)	00181065H
Region Calibration	^(c)Sequence of Ultrasound Regions	(0018,6011)	
	>^(c)Region Spatial Format	(0018,6012)	B-Mode (Tissue or Color) = 0001H M-Mode (Tissue or Color) = 0002H Spectral (CW/PW) Doppler = 0003H
	>^(c)Region Data Type	(0018,6014)	B-Mode, M-Mode = 0001H (Tissue) Spectral Doppler = 0004H (CW Spectral Doppler) Spectral Doppler = 0003H (PW Spectral Doppler)
	>^(c)Region Flags	(0018,6016)	1st Bit (LSB) = 1 (All images acquired are transparent) 2nd Bit = 1 (All images acquired are automatically scaled) 3rd Bit = 1 for frequency scale 3rd Bit = 0 for velocity scale. The value of the 3rd bit is undefined for any mode other than Doppler. The value for 3rd bit is undefined if both frequency and velocity scales are selected on the Doppler image. 4th Bit is Reserved and value is always 0.
	>^(c)Region Location Min X0	(0018,6018)	
	>^(c)Region Location Min Y0	(0018,601A)	
	>^(c)Region Location Max X1	(0018,601C)	
	>^(c)Region Location Max Y1	(0018,601E)	
	>^(c)Physical Units X direction	(0018,6024)	B-Mode (Tissue or Color) = 0003H (cm) M-Mode (Tissue or Color) = 0004H (seconds) Spectral (CW/PW) Doppler = 0004H (seconds)
	>^(c)Physical Units Y direction	(0018,6026)	B-Mode (Tissue or Color) = 0003H (cm) M-Mode (Tissue or Color) = 0003H (cm) Spectral (CW/PW) Doppler = 0007H (cm/sec)
	>^(c)Physical Delta X	(0018,602C)	
	>^(c)Physical Delta Y	(0018,602E)	
	>^(c)Reference Pixel X0	(0018,6020)	Attribute only set for Spectral Doppler Regions
	>^(c)Reference Pixel Y0	(0018,6022)	Attribute only set for Spectral Doppler Regions

Module	Attribute	Tag	Notes
	>(c)Reference Pixel Physical Value X	(0018,6028)	Attribute only set for Spectral Doppler Regions When provided, value is always 0.
	>(c)Reference Pixel Physical Value Y	(0018,602A)	Attribute only set for Spectral Doppler Regions When provided, value is always 0.
	>(a,c)Transducer Frequency	(0018,6030)	
	>(a,c)Pulse Repetition Frequency	(0018,6032)	
	>(a,c)Doppler Correction Angle	(0018,6034)	
Private Attributes	(d)Private Creator	(0011,0010)	Reserves tags 0011, 1000 through 0011, 10FF for use as private tags.
	(d)Siemens Medical Solutions Model Name	(0011,1010)	Always set to "<Product Name>".
	(d)PIMS Software Version	(0011,1011)	Set to version of PIMS software installed.
	(d)Private Data	(0011,1020)	For internal Juniper use only.
	(d)Private Data	(0011,1021)	For internal Juniper use only.
	(d)Private Creator	(0013,0010)	Reserves tags 0013, 1000 through 0013, 10FF for use as private tags.
	(d)Siemens Medical Solutions Model Name	(0013,1010)	Always set to "<Product Name>".
	(d)PIMS Software Version	(0013,1011)	Set to version of PIMS software installed.
	(d)Private Data	(0013,1020)	For internal Juniper use only.
	(d)Private Creator	(0015,0010)	This group is populated only if data is available. Reserves tags 0015, 1000 through 0015,10FF for use as private tags.
	(d)Siemens Medical Solutions Model Name	(0015,1010)	Always set to "<Product Name>".
	(d)PIMS Software Version	(0015,1011)	Set to version of PIMS software installed.
	(d)Private Data	(0015,1020)	For internal Juniper use only.
	(d)Private Creator	(0017,0010)	This group is populated only if data is available. Reserves tags 0017, 1000 through 0017,10FF for use as private tags.
	(d)Siemens Medical Solutions Model Name	(0017,1010)	Always set to "<Product Name>".
	(d)PIMS Software Version	(0017,1011)	Set to version of PIMS software installed.
	(d)Private Data	(0017,1020)	For internal Juniper use only.
	Private Creator	(0019,0010)	Reserves tags 0019, 1000 through 0019, 10FF for use as private tags.
	Import Structured Reports	(0019,1020)	Set to "O" or "C" or "CO" if SR options were purchased and SR generation was configured. Otherwise set to "No". Instructs SCP that it should attempt to import measurements from SR.
	(a)B-mode Tint Index(used for routing the image to B&W or Color printer)	(0019,102D)	
	Private Creator	(7FDF,0010)	Reserved tags 7FDF,1000 through 7FDF,FE00 for use as private tags

Module	Attribute	Tag	Notes
	Private Creator	(7FDF,0011)	
	Microseconds in unit timestamp	(7FDF,1083)	Set to 20 microsecond
	Acoustic Frame Timestamp	(7FDF,1085)	Time corresponding to the end of ultrasound data collection at the end of each acoustic frame.
	^(a) Private Creator	(0119,0010)	Set to "SIEMENS Ultrasound Juniper"
	^(a) Stage Timer Time	(0119,1011)	
	^(a) Stop Watch Time	(0119,1012),	

Table 11: 3D Bookmark Data

Module	Attribute	Tag	Notes
Private Attributes	Private Creator	(0039,0010)	SIEMENS MED SMS USG Antares 3D VOLUME
	Release Version	(0039,1000)	3.0.3
	VolumeRawDataType	(0039,1004)	Data Type (Cartesian/Scan-Converted/PreScanConverted Format
	ScanType	(0039,1005)	
	ZlateralMin	(0039,1006)	Minimum span along the depth (wobble min.)
	ZlateralSpan	(0039,1007)	Span along the depth (wobble span)
	ZRadiusOfCurvature	(0039,1008)	Radius of curvature, in (wobble)
	WobbleCorrection	(0039,1009)	Wobbling shear correction factor (0.0 to 1.0)
	ScaleAlongWidth	(0039,1010)	Width scaling mm/pixel
	ScaleAlongHeight	(0039,1011)	Height scaling mm/pixel
	ScaleAlongDepth	(0039,1012)	Depth scaling mm/pixel
	BufferSize	(0039,1013)	
	AcquisitionRate	(0039,1014)	Time required to acquire one volume
	DepthMinCm	(0039,1015)	The min/start depth for the BImage
	IsLeftRightFlippedEn	(0039,1016)	Whether the acquired images were Left/Right flipped
	IsUpDownFlippedEn	(0039,1017)	Whether the acquired images were up/down flipped
	IsVolumeGeomAccurate	(0039,1018)	Is the volume passed is geometrically accurate (In order to display ruler)
	BByteMaskOffset	(0039,1019)	Bytemasks is the offset fro Mask data which is used for space leaping optimization in renderer
	BByteMaskSize	(0039,1020)	Size of the byte mask data
	DepthMaxCm	(0039,1021)	The max/end depth for the BImage

Module	Attribute	Tag	Notes
Private Attributes	AcqPlaneRotationDeg	(0039,1022)	Angle by which the volume is to be rotated around, normal to the Acquisition plane (Z axis) (in degrees)
	BeamAxialSpan	(0039,1023)	beam span, in mm
	BeamLateralMin	(0039,1024)	Min lateral angle
	BeamLateralSpan	(0039,1025)	Angular span
	BeamAxialMin	(0039,1026)	Axial min or radius of curvature in 2d
	NumDisplaySamples	(0039,1027)	Number of actual samples along each beam
	DVolumeWidth	(0039,1028)	Volume Width of the Power/Doppler Volume
	DVolumeDepth	(0039,1029)	Volume Depth of the Power/Doppler Volume
	DVolumeHeight	(0039,1030)	Volume Height of the Power/Doppler Volume
	DVolumePosX	(0039,1031)	
	DVolumePosY	(0039,1032)	
	DVolumePosZ	(0039,1033)	
	DBeamAxialMin	(0039,1034)	Axial min or radius of curvature in 2d for Power/Doppler
	DBeamAxialSpan	(0039,1035)	
	DBeamLateralMin	(0039,1036)	Min lateral angle for Power/Doppler
	DBeamLateralSpan	(0039,1037)	Angular span from Power/Doppler
	NumOfVolumesInSequence	(0039,1038)	Number Of Volumes In Sequence
	DByteMaskOffset	(0039,1039)	Bytemasks is the offset for the mask data which is used for space leaping optimization in renderer when in Power/Doppler
	DByteMaskSize	(0039,1040)	Size of the byte mask data when in Power/Doppler
	PrivateCreatorVersionOfBookmark	(0039,1050)	3.6.0
	BCutPlaneEnable	(0039,1051)	Cut-plane volume rendering for B data
	BMprColorMapIndex	(0039,1052)	Index of the tint colormap for MPR B data
	BMprDynamicRangeDb	(0039,1053)	dB value of dynamic range curve for MPR B data
	BMprGrayMapIndex	(0039,1054)	Index of the image enhancement LUT for the MPR B data
	BVolumeRenderMode	(0039,1055)	Volume rendering mode for B data
	BVrBrightness	(0039,1056)	Brightness value for the volume rendered B data
	BVrContrast	(0039,1057)	Contrast value for the volume rendered B data
	BVrColorMapIndex	(0039,1058)	Index of the tint colormap for the volume rendered B data
	BVrDynamicRangeDb	(0039,1059)	dB value of dynamic range curve for the volume rendered B data

Module	Attribute	Tag	Notes
Private Attributes	BVrGrayMapIndex	(0039,105a)	Index of the image enhancement LUT for the volume rendered B data
	BVrOpacity	(0039,105b)	Opacity percentage of the opacity curve used for the volume rendered B data
	BVrThresholdHigh	(0039,105c)	High threshold of the opacity curve used for the volume rendered B data
	BVrThresholdLow	(0039,105d)	Low threshold of the opacity curve used for the volume rendered B data
	BPreProcessFilterMix	(0039,105e)	Mix percentage used for mixing filtered data for the volume rendered B data
	CCutPlaneEnable	(0039,105f)	Cut-plane volume rendering for B data
	CFrontClipMode	(0039,1060)	Flag indicating whether Niche and Parallel Cut edit operation will clip power data.
	CMprColorMapIndex	(0039,1061)	Index of the tint colormap for MPR power data
	CMprColorFlowPriorityIndex	(0039,1062)	Threshold representing amount of power data cut from the MPR power data
	CVolumeRenderMode	(0039,1063)	Volume rendering mode for power data
	CVrColorMapIndex	(0039,1064)	Index of the tint colormap for the volume rendered power data
	CVrColorFlowPriorityIndex	(0039,1065)	Threshold representing amount of power data cut from the volume rendered power data
	CVrOpacity	(0039,1066)	Opacity percentage of the opacity curve used for the volume rendered power data
	CVrThresholdHigh	(0039,1067)	High threshold of the opacity curve used for the volume rendered power data
	CVrThresholdLow	(0039,1068)	Low threshold of the opacity curve used for the volume rendered power data
	VoiMode	(0039,1069)	Flag indicating whether VOI is on or off
	VoiRotationOffsetDeg	(0039,106a)	Fixed rotation applied to VOI
	VoiSizeRatioX	(0039,106b)	Width of VOI in relative units
	VoiSizeRatioY	(0039,106c)	Length of VOI in relative units
	VoiSizeRatioZ	(0039,106d)	Height of VOI in relative units
	VoiSyncPlane	(0039,106e)	Plane synced to the VOI
	VoiViewMode	(0039,106f)	Type indicating whether the rendering is synced to the front or back of the VOI
	VrOrientationA	(0039,1070)	Matrix representing the orientation of the volume rendered image
	MprOrientationA	(0039,1071)	Matrix representing the orientation of the MPRs
	VrOffsetVector	(0039,1072)	Vector representing the vertical and horizontal offset of the volume on the display
	BlendingRatio	(0039,1073)	Value indicating the amount of blending between B and power data when blend is on

Module	Attribute	Tag	Notes
Private Attributes	FusionBlendMode	(0039,1074)	Mode for fusing in one display power and B volume rendered data
	QualityFactor	(0039,1075)	Factor determining the volume rendering quality
	RendererType	(0039,1076)	Type of the renderer engine used
	SliceMode	(0039,1077)	Mode for displaying the textured map MPRs in the 3D quadrant
	ActiveQuad	(0039,1078)	Value indicating which quadrant in the display is active
	ScreenMode	(0039,1079)	Value indicating which screen layout is applied
	CutPlaneSide	(0039,107a)	Value indicating which half space of the cut-plane is used for volume rendering
	WireframeMode	(0039,107b)	Flag indicating whether wireframe around rendered data is on or off
	CrossmarkMode	(0039,107c)	Flag indicating whether crossmark is shown on the display
	MprDisplayType	(0039,107d)	Value indicating whether B or power or B+power data are displayed in the MPRs
	VolumeDisplayType	(0039,107e)	Value indicating whether B or power or B+power data are displayed in the volume rendered image
	LastReset	(0039,107f)	Value indicating the last reset
	LastNonFullScreenMode	(0039,1080)	Value indicating the last active quadrant before entering full screen
	MprToolIndex	(0039,1081)	Index indicating which tool (rotation, pan, resizing) is used on the MPRs
	VoiToolIndex	(0039,1082)	Index indicating which tool (rotation, pan, resizing) is used on the volume rendered image when VOI is on
	ToolLoopMode	(0039,1083)	Value indicating in which loop
	VolumeArbMode	(0039,1084)	Index indicating whether volume or MPR rotation is active on the 3D display window
	MprZoomEn	(0039,1085)	Flag indicating whether zoom is enabled in the MPR
	IsVolumeZoomEn	(0039,1086)	Flag indicating whether zoom is enabled in the rendered volume
	ZoomLevelMpr	(0039,1087)	Value indicating the amount of zoom (in relative units) applied in the MPR
	ZoomLevelVolume	(0039,1088)	Value indicating the amount of zoom (in relative units) applied in the rendered volume
	IsAutoRotateEn	(0039,1089)	Flag indicating whether animation is enabled
	AutoRotateAxis	(0039,108a)	Value indicating the axis of rotation for the animation
	AutoRotateRangeIndex	(0039,108b)	Value indicating the total angle range for the animation

Module	Attribute	Tag	Notes
Private Attributes	AutoRotateSpeedIndex	(0039,108c)	Value indicating the speed (in relative units) for the animation
	CVrBrightness	(0039,108d)	Brightness value for the volume rendered power data
	CFlowStateIndex	(0039,108e)	Index for flow state of power data (low, medium, high)
	BSubmodelIndex	(0039,108f)	Index for indicating the B submode (THI, B, etc...)
	CSubmodelIndex	(0039,1090)	Index for indicating the C submode
	DICOMAttrNameCutPlane	(0039,1091)	Quadrant used to cut volume when volume cut enabled
	BookmarkChunkId	(0039,1092)	Index of Bookmark
	SequenceMinChunkId	(0039,1093)	Begin range index of volume sequence
	SequenceMaxChunkId	(0039,1094)	End range index of volume sequence
	VolumeRateHz	(0039,1095)	Rate at which volumes are rendered
	VoiPositionOffsetX	(0039,109a)	Offset in the x dimension between the center of the VOI and center of volume in relative units
	VoiPositionOffsetY	(0039,109b)	Offset in the y dimension between the center of the VOI and center of volume in relative units
	VoiPositionOffsetZ	(0039,109c)	Offset in the z dimension between the center of the VOI and center of volume in relative units
	VrToolIndex	(0039,109d)	Index indicating which tool (rotation, pan, resizing) is used on the volume rendered image
	ShadingPercent	(0039,109e)	Value indicating the amount of shading in the volume rendered image
	VolumeType	(0039,109f)	Value indicating the type of volume (B or B and Power)
	VolumeRateHz	(0039,1095)	Rate at which volumes are rendered
	DICOMAttrNameVrQuadDisplayType	(0039,10a0)	The type of display to show in the volume quadrant
	DICOMAttrNameMprCenterLocation	(0039,10a1)	Offset location of slice centerpoint with respect to quadrant center
	DICOMAttrNameSliceMode	(0039,1077)	Value indicating that system in multislice mode
	DICOMAttrNameSliceRangeType	(0039,10e0)	Value indicating type of slice mode (horizontal/vertical)
	DICOMAttrNameSliceMPRPlane	(0039,10e1)	Value indicating selected MPR for slice mode (Acquisition/Elevation/Coronal)
	DICOMAttrNameSliceLayout	(0039,10e2)	Selected layout for slice mode (2x2, 3x3, 4x4, 6x6)
	DICOMAttrNameSliceSpacing	(0039,10e3)	Value indicates the spacing between MPR slices
	DICOMAttrNameVoiPivotX	(0039,10e6)	Curved TOP VOI pivot x
	DICOMAttrNameVoiPivotY	(0039,10e7)	Curved TOP VOI pivot y

Module	Attribute	Tag	Notes
	DICOMAttrNameVoiPivotZ	(0039,10e8)	Curved TOP VOI pivot z
	DICOMAttrNameCTopVoiQuad	(0039,10e9)	Curved TOP VOI Quad

Table 12: Secondary Capture Image IOD Attributes

Module	Attribute	Tag	Notes
Patient Identification	Patient's Name	(0010,0010)	Patient Data Screen – Last Name, First & Middle fields. Populated from Modality Worklist if used.
	Patient ID	(0010,0020)	Patient Data Screen – ID field. Default is today's date & time (e.g., 03_04_2015_17_54_43 = Apr. 3, 2015 at 5:54:43 PM). Populated from Modality Worklist if used.
Patient Demographic	Patient's Birth Date	(0010,0030)	Patient Data Screen – DOB field. Default is a zero length attribute. Populated from Modality Worklist if used.
	Patient's Sex	(0010,0040)	Patient Data Screen – Gender field. M = male F = female. O= Other Default is a zero length attribute. Populated from Modality Worklist if used.
	Patient's Age	(0010,1010)	Calculated from Patient Data Screen DOB field.
	Patient's Size	(0010,1020)	Patient Data Screen – Height field. Populated from Modality Worklist if used.
	Patient's Weight	(0010,1030)	Patient Data Screen – Weight field. Populated from Modality Worklist if used.
	Other Patient IDs	(0010,1000)	Populated from Worklist
Patient Study	Admitting Diagnosis Description	(0008,1080)	Patient Data Screen – Indication field. Populated from Modality Worklist if used.
General Study	Study Instance UID	(0020,000D)	Populated from Modality Worklist if used; generated by Juniper otherwise.
	Study Date	(0008,0020)	Date the exam started.
	Study Time	(0008,0030)	Time the exam started.
	Referring Physician's Name	(0008,0090)	Patient Data Screen – Physician field. Populated from Modality Worklist if used.
	Study ID	(0020,0010)	Generated by Juniper
	Accession Number	(0008,0050)	Patient Data Screen – Accession # field. Populated from Modality Worklist if used.

Module	Attribute	Tag	Notes
	Study Description	(0008,1030)	Populated with the first attribute from Modality Worklist that contains a valid value from the following list of attributes: Study Description (0008,1030), Scheduled Procedure Step Description (0040,0007), Requested Procedure Description (0032,1060). If Modality Worklist was not used or none of the attributes contains a valid value, QuickSet Screen – Description field is used. If Description field is empty, QuickSet Screen Exam/QuickSet name is used.
General Series	Modality	(0008,0060)	Always set to "US"
	Series Instance UID	(0020,000E)	Generated by Juniper
	Series Number	(0020,0011)	Series Number in study (1-n).
	Laterality	(0020,0060)	Always sent as 0 length attribute
	^(b) Series Date	(0008,0021)	Date the series started.
	^(b) Series Time	(0008,0031)	Time the series started.
	^(b) Series Description	(0008,103E)	Populated with Scheduled Procedure Step Description if a value was provided by Modality Worklist.
	^(b) Protocol Name	(0018,1030)	The exam type of the most recent image stored in a particular series. If no images are stored for a series then the value is set to "Ultrasound".
	^(b) Request Attributes Sequence	(0040,0275)	Populated with Scheduled Procedure Step Sequence (0040,0100) if provided by Modality Worklist.
	> ^(b) Scheduled Procedure Step Description	(0040,0007)	Populated with Scheduled Procedure Step Description (0040,0007) from Scheduled Procedure Step Sequence (0040,0100) if provided by Modality Worklist.
	> ^(b) Scheduled Protocol Code Sequence	(0040,0008)	Populated with Scheduled Protocol Code Sequence (0040,0008) from Scheduled Procedure Step Sequence (0040,0100) if provided by Modality Worklist.
	> ^(b) Scheduled Procedure Step ID	(0040,0009)	Populated with Scheduled Procedure Step ID (0040,0009) from Scheduled Procedure Step Sequence (0040,0100) if provided by Modality Worklist.
	> ^(b) Requested Procedure ID	(0040,1001)	Populated with Requested Procedure ID (0040,1001) from Scheduled Procedure Step Sequence (0040,0100) if provided by Modality Worklist.
	>Requested Procedure Description	(0032,1060)	Populated from Requested Procedure Description in MWL query
	^(b) Performed Procedure Step Start Date	(0040,0244)	Date the Performed Procedure Step was started.
	^(b) Performed Procedure Step Start Time	(0040,0245)	Time the Performed Procedure Step was started.

Module	Attribute	Tag	Notes
	(b)Performed Procedure Step ID	(0040,0253)	Populated with Scheduled Procedure Step ID (0040,0009) if provided by Modality Worklist.
	(b)Performed Procedure Step Description	(0040,0254)	Populated with Scheduled Procedure Step Description (0040,0007) if provided by Modality Worklist.
	(b)Performed Procedure Protocol Code Sequence	(0040,0260)	Populated with Scheduled Protocol Code Sequence (0040,0008) if provided by Modality Worklist.
	(b)Comments on the Performed Procedure Step	(0040,0280)	Populated with Comments on the Scheduled Procedure Step (0040,0400) if provided by Modality Worklist.
	Referenced Performed Procedure Step Sequence	(0008,1111)	Populated with MPPS SOP Class UID and MPPS SOP instance UID of MPPS command sent for the procedure step(s) performed.
SC Equipment Module	Conversion Type	(0008,0064)	Set to "WSD"
General Equipment	Manufacturer	(0008,0070)	Set to "SIEMENS Healthineers"
	Institution Name	(0008,0080)	System Configuration – Institution Name field.
	Station Name	(0008, 1010)	Station AE title
	Software Versions	(0018,1020)	Set to the DICOM Software Version
	Manufacturer's Model Name	(0008,1090)	Set to "ACUSON <Product Name>".
General Image	Instance Number	(0020,0013)	Image number in study (1 – n)
	Patient Orientation	(0020,0020)	Always sent as 0 length attribute.
Image Pixel	Samples per Pixel	(0028,0002)	Set to 1 for MONOCHROME2 images, 3 for RGB images.
	Photometric Interpretation	(0028,0004)	"RGB" or "MONOCHROME2"
	Planar Configuration	(0028,0006)	Color by plane. Color frame pixel order is configured as a planar image. Set to 0 (color by pixel) for RBG pixel-ordered image, 1 (color by plane) for planar image. Required when Samples per Pixel has a value greater than 1.
	Rows	(0028,0010)	This value may be from 240 and 864.
	Columns	(0028,0011)	This value may be from 320 and up to 1152.
	Bits Allocated	(0028,0100)	Set to 8.
	Bits Stored	(0028,0101)	Set to 8.
	High Bit	(0028,0102)	Set to 7.
	Pixel Representation	(0028,0103)	Set to 0.
	Pixel Data	(7FE0,0010)	
SOP Common	SOP Class UID	(0008,0016)	1.2.840.10008.5.1.4.1.1.7
	SOP Instance UID	(0008,0018)	Generated by Juniper
	Specific Character Set	(0008,0005)	Set to values as defined in Section 7.4 of this document

Module	Attribute	Tag	Notes
Private Attributes	(a)Private Creator	(0011,0010)	Reserves tags 0011, 1000 through 0011,10FF for use as private tags.
	(a)Siemens Medical Solutions Model Name	(0011,1010)	Always set to "<Product Name>".
	(a)PIMS Software Version	(0011,1011)	Set to version of PIMS software installed.
	(a)Private Data	(0011,1020)	For internal Juniper use only.
	(a)Private Data	(0011,1021)	For internal Juniper use only.
	(a)Private Creator	(0013,0010)	Reserves tags 0013,1000 through 0013,10FF for use as private tags.
	(a)Siemens Medical Solutions Model Name	(0013,1010)	Always set to "<Product Name>".
	(a)PIMS Software Version	(0013,1011)	Set to version of PIMS software installed.
	(a)Private Data	(0013,1020)	For internal Juniper use only.
	(a)Private Creator	(0015,0010)	This group is populated only if data is available. Reserves tags 0015,1000 through 0015,10FF for use as private tags.
	(a)Siemens Medical Solutions Model Name	(0015,1010)	Always set to "<Product Name>".
	(a)PIMS Software Version	(0015,1011)	Set to version of PIMS software installed.
	(a)Private Data	(0015,1020)	For internal Juniper use only.
	(a)Private Creator	(0017,0010)	This group is populated only if data is available. Reserves tags 0017,1000 through 0017,10FF for use as private tags.
	(a)Siemens Medical Solutions Model Name	(0017,1010)	Always set to "<Product Name>".
	(a)PIMS Software Version	(0017,1011)	Set to version of PIMS software installed.
	(a)Private Data	(0017,1020)	For internal Juniper use only.
	Private Creator	(0019,0010)	Reserves tags 0019,1000 through 0019,10FF for use as private tags.
	Import Structured Reports	(0019,1020)	Set to "O" if Obstetric SR options were purchased and SR generation was configured. Otherwise set to "No". Instructs SCP that it should attempt to import Obstetric measurements from SR.

(a) The Attribute is only provided if the image is written to media.

(b) The Attribute is only provided if the procedure step is queried from the MWL server.

The following table denotes the attributes included in the Comprehensive SR Object as implemented on the Juniper. Attributes not listed are not used.

Table 13: Comprehensive SR IOD Attributes

Module	Attribute	Tag	Notes
Patient	Patient's Name	(0010,0010)	Patient Data Screen – Last Name, First & Middle fields. Populated from Modality Worklist if used.

Module	Attribute	Tag	Notes
	Patient ID	(0010,0020)	Patient Data Screen – ID field. Default is today's date & time (e.g., 03_04_2015_17_54_43 = Apr. 3, 2015 at 5:54:43 PM). Populated from Modality Worklist if used.
	Patient's Birth Date	(0010,0030)	Patient Data Screen – DOB field. Default is a zero length attribute. Populated from Modality Worklist if used.
	Patient's Sex	(0010,0040)	Patient Data Screen – Gender field. M = male F = female. O = Other Default is a zero length attribute. Populated from Modality Worklist if used.
	Patient's Size	(0010,1020)	Patient Data Screen – Height field. Populated from Modality Worklist if used.
	Patient's Weight	(0010,1030)	Patient Data Screen – Weight field. Populated from Modality Worklist if used.
Patient Study	Admitting Diagnosis Description	(0008,1080)	Patient Data Screen – Indication field. Populated from Modality Worklist if used.
General Study	Study Instance UID	(0020,000D)	Populated from Modality Worklist if used; generated by Juniper otherwise
	Study Date	(0008,0020)	Date the exam started.
	Study Time	(0008,0030)	Time the exam started.
	Referring Physician's Name	(0008,0090)	Patient Data Screen – Physician field. Populated from Modality Worklist if used.
	Study ID	(0020,0010)	Generated by Juniper
	Accession Number	(0008,0050)	Patient Data Screen – Accession # field. Populated from Modality Worklist if used.
	Study Description	(0008,1030)	Populated with the first attribute from Modality Worklist that contains a valid value from the following list of attributes: Study Description (0008,1030), Scheduled Procedure Step Description (0040,0007), Requested Procedure Description (0032,1060). If Modality Worklist was not used or none of the attributes contains a valid value, QuickSet Screen – Description field is used. If Description field is empty, QuickSet Screen – Exam/QuickSet name is used.
SR Document Series	Modality	(0008,0060)	Always set to "SR"
	Series Instance UID	(0020,000E)	Generated by Juniper
	Series Number	(0020,0011)	Series Number in study (2-n).
	Series Date	(0008,0021)	Date the series started.
	Series Time	(0008,0031)	Time the series started.

Module	Attribute	Tag	Notes
	Referenced Performed Procedure Step Sequence	(0008,1111)	Populated with MPPS SOP Class UID and MPPS SOP instance UID of MPPS command sent for the procedure step(s) performed.
General Equipment	Manufacturer	(0008,0070)	Set to "SIEMENS Healthineers"
	Institution Name	(0008,0080)	System Configuration – Institution Name field.
	Software Versions	(0018,1020)	Set to "SR1.0_<DICOM Software Version>_<Product Name>" where <Product Name> and <DICOM Software Version> are specific to each Juniper Ultrasound System release.
	Manufacturer's Model Name	(0008,1090)	Set to "ACUSON Juniper"
SR Document General	Content Date	(0008,0023)	Date the report was created
	Content Time	(0008,0033)	Time the report was created
	Instance Number	(0020,0013)	Always set to 0.
	Completion Flag	(0040,A491)	Always set to "PARTIAL"
	Verification Flag	(0040,A493)	Always set to "UNVERIFIED"
	Predecessor Documents Sequence	(0040,A360)	Supplied if a previous SR was generated for the study. Populated with SOP Class UID and SOP Instance UID of the previous Obstetric SRs for the study, if any. See table C17-2 in PS 3.3-2011 for sequence definition.
	Performed Procedure Code Sequence	(0040,A372)	Populated with contents of Procedure Code Sequence from Modality Worklist if available, empty otherwise. See table C17-2 in PS 3.3-2011 for sequence definition.
SOP Common	Current Requested Procedure Evidence Sequence	(0040,A375)	Lists all images and clips in the study. See table C17-2 in PS 3.3-2011 for sequence definition.
	SOP Class UID	(0008,0016)	1.2.840.10008.5.1.4.1.1.88.33
	SOP Instance UID	(0008,0018)	Generated by Juniper.
	Specific Character Set	(0008,0005)	Set to values as defined in Section 7.4 of this document.
	Instance Creation Date	(0008,0012)	Date the SOP Instance was created.
	Instance Creation Time	(0008,0013)	Time the SOP Instance was created.
Private Attributes	Instance Creator UID	(0008,0014)	
	Private Creator	(0019,0010)	Reserves tags 0019,1000 through 0019,10FF for use as private tags.
	Import Structured Reports	(0019,1020)	Set to "O" or "C" or "CO" if SR options were purchased and SR generation was configured. Otherwise set to "No". Instructs SCP that it should attempt to import measurements from SR.

Error Handling

The following table indicates the response status codes that are handled by the Juniper AE, which a SCP may return following the SCU's C-STORE-RSP command.

A successful C-STORE operation will allow the Juniper AE to continue to the next action desired by the user.

Table 14: C-STORE Status Responses

Service Status	Further Meaning	Protocol Codes	Related Fields
Refused	Out of resources.	A7xx	None
Error	Data set does not match SOP Class. Cannot understand.	A9xx Cxxx	None
Warning	Coercion of data Elements. Data set does not match SOP Class. Elements discarded.	B000 B007 B006	None
Success		0000	None

If the C-STORE operation is not successful, the image(s) and Structured Report(s), if any, are spooled on the Juniper hard drive. A user-configured number of additional attempts are made to store the image(s) and Structured Report(s). If these attempts fail, the user must select the job and press "Retry Job" on the Queue Screen to complete the C-STORE operation.

All image and Structured Report storage on the Juniper hard drive is temporary in nature. If an attempt is made to store images on a full Juniper hard drive, the system will attempt to delete studies archived to CD/DVD/USB or DICOM. If no delete able data exists, a "DISK FULL" message is displayed on the Juniper display device. The user must then delete studies not archived in order to store additional images.

4.2.3.3 Real-World Activity – Storage Commitment

This operation allows the AE to create an instance of the Storage Commitment SOP Class and to provide information about a specific Real World Activity that is under the control of the SCU. The AE invokes a request for safekeeping of images by the N-ACTION REQUEST. Referenced in the N-ACTION Request are the SOP class UID(s) and SOP instance UID(s) for all STORE Class objects requesting commitment by the SCU.

Storage Commit

The Storage Commitment (if enabled) command is sent in the following situations:

- On series close, when all images and Structured Reports have previously stored successfully.
- The series was previously closed, all previous stores have succeeded and the last image or Structured Report stores successfully.
- The series was previously closed, at least one store has succeeded, at least one store has failed and the last store with non-zero retry count fails or succeeds.
- A series has been partially committed as in c. Later, due to "Retry Job" button press on the DICOM screen the store jobs are retried. Another Storage Commit is sent when at least one store has succeeded and the last store with non-zero retry count fails or succeeds.

The Juniper waits for the return of a successful N-ACTION RESPONSE Status Code applicable for the associated request indicating whether the commitment request was successful or a failure. The Juniper waits for the N-EVENT REPORT from the SCP for at most 48 hours. The Juniper has a capable of

accepting the N-EVENT REPORT on the association it initiates for the N-ACTION or one initiated by the SCP. Studies with all SOP instances marked as 'successful' in the N-EVENT REPORT will be eligible for deletion from the system hard drive.

Image-By-Image and Batch Storage Commitment are supported as specified in "Vista DICOM Conformance Requirements for Image Modalities in radiology, Cardiology, Dental, Ophthalmology and other specialities" (Version 2.3).

Storage Commitment of Structured Reports is supported.

Proposed Presentation Context

Table 15: Storage Commitment Presentation Context

Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Storage Commitment Push Model	1.2.840.10008.1.20.1	Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None

The Juniper will act as an SCU in the 'Push Model' Storage Commitment SOP Class.

SOP Specific Conformance to Storage Commitment SOP Class

The Storage Commitment AE provides conformance to the following DICOM Service SOP Class as an SCU at a standard level of conformance.

Table 16: Supported SOP Class

Supported SOP Class Name	SOP Class UID	Conformance Level
Storage Commitment Push Model	1.2.840.10008.1.20.1	Standard

Storage Commitment to Storage Media (External media like CD/DVD or USB) is not supported.

The following table provides the list of attributes supported by the AE in the implementation of Storage Commitment SOP Class:

Table 17: Storage Commitment Request Attributes in N-ACTION REQUEST

Attribute	Tag	Notes
Transaction UID	(0008,1195)	Generated by Juniper
Referenced SOP Sequence	(0008,1199)	
>Referenced SOP Class UID	(0008,1150)	
>Referenced SOP Instance UID	(0008,1155)	

Error Handling

If the storage commitment operation is not successful, a user-configured number of additional attempts are made. If these attempts fail, the user must select the job and press "Retry Job" on the DICOM Screen to complete the storage commitment operation

4.2.3.4 Real World Activity – Modality Worklist

A separate Network association is established by the AE for each Worklist query operation, with only one active query at a time. The association is closed at completion of the query.

Proposed Presentation Context

Table 18: Worklist Presentation Context

Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Modality Worklist Information Model - FIND	1.2.840.10008.5.1.4.31	Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None

The Juniper will always act as an SCU and as the client in a client-server model.

SOP Specific Conformance to Modality Worklist Service SOP Classes

The Worklist AE provides conformance to the following DICOM Service SOP Classes as an SCU all at a standard extended level of conformance:

Table 19: Worklist Supported SOP Classes

Supported SOP Class Name	SOP Class UID	Conformance Level
Modality Worklist Information Model - FIND	1.2.840.10008.5.1.4.31	Standard Extended

The following table provides the list of attributes requested in the Modality Worklist Query.

Table 20: Modality Worklist Information Model Attributes

Attribute Name	Tag
Specific Character Set	(0008,0005)
Accession number	(0008,0050)*
Referring Physician's Name	(0008,0090)
Study Description	(0008,1030)
Admitting Diagnoses Description	(0008,1030)
Referenced Study Sequence	(0008,1110)
>Referenced SOP Class UID	(0008,1150)
>Referenced SOP Instance UID	(0008,1155)
Patient's Name	(0010,0010)*
Patient ID	(0010,0020)*
Patient's Birth Date	(0010,0030)
Patient's Sex	(0010,0040)
Patient's Size	(0010,1020)
Patient's Weight	(0010,1030)
Medical Alerts	(0010,2000)
Contrast Allergies	(0010,2110)
Pregnancy Status	(0010,21C0)
Last Menstrual Date	(0010,21D0)
Patient Comments	(0010,4000)
Study Instance UID	(0020,000D)
Requesting Physician	(0032,1032)
Requested Procedure Description	(0032,1060)

Attribute Name	Tag
Requested Procedure Code Sequence	(0040,0008)
>Code Value	(0008,0100)
>Coding Scheme Designator	(0008,0102)
>Coding Scheme Version	(0008,0103)
>Code Meaning	(0008,0104)
Special Needs	(0038,0050)
Patient State	(0038,0500)
Scheduled Procedure Step Sequence	(0040,0100)
>Modality	(0008,0060)
>Scheduled Station AE Title	(0040,0001)*
>Scheduled Procedure Step Start Date	(0040,0002)
>Scheduled Procedure Step Start Time	(0040,0003)
>Scheduled Performing Physician's Name	(0040,0006)
>Scheduled Procedure Step Description	(0040,0007)
>Scheduled Protocol Code Sequence	(0040,0008)
>>Code Value	(0008,0100)
>>Coding Scheme Designator	(0008,0102)
>>Coding Scheme Version	(0008,0103)
>>Code Meaning	(0008,0104)
>Scheduled Procedure Step ID	(0040,0009)
>Comments on the Scheduled Procedure Step	(0040,0400)
Requested Procedure ID	(0040,1001)*
Reason for the Requested Procedure	(0040,1002)

*Indicates parameter may be populated for query.

4.2.3.5 Real World Activity – Modality Performed Procedure Step

This operation allows the AE to create an instance of the Modality Performed Procedure Step SOP Class (MPPS) and provide information about a specific real world Performed Procedure Step that is under control of the SCU. This operation is invoked through the DIMSE N-CREATE and N-SET services.

The Juniper conforms to the IHE Scheduled Workflow use case.

A list of scheduled procedures and procedure steps will be accessible from the Worklist and Procedure screens. The Performed Procedure Step User Interface allows the operator to set the status of the performed procedure step. The system shall establish an association for N-CREATE and N-SET, if another N-CREATE or N-SET is available within 5 seconds, it will be sent using the same association.

Starting a Performed Procedure Step

When the user depresses the 'OK' button on the New Patient Screen a performed procedure SOP Class instance will be created using the N-CREATE DIMSE service for the selected scheduled procedure.

Ending a Performed Procedure Step

When the user selects 'Completed' or 'Discontinued' from the MPPS User Interface, the performed procedure step will be closed using the N-SET DIMSE service.

New Patient Request

If the 'New Patient' button is selected and there are opened performed procedure steps, the user shall be prompted for a closure status for the opened procedure step by the MPPS User Interface. Any opened procedure steps must be closed before any 'new patient' data can be entered.

System Shutdown

If the user requests 'System Shutdown' and there is an open performed procedure step, the user will be prompted for a closure status for the open procedure step. All procedure steps should be closed before the system can be shutdown. Failure to close a procedure step will result in the procedure step being set to Discontinued.

Error Handling

If the MPPS operation is not successful, the MPPS command is spooled on the ACUSON Juniper™ system hard drive. A user-configured number of additional attempts are made to complete the MPPS Commands. If these attempts fail, the user must select this job and press "Retry Job" on the DICOM Screen to complete the MPPS operation.

Proposed Presentation Context

Table 21: MPPS Presentation Context

Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Modality Performed Procedure Step	1.2.840.10008.3.1.2.3.3	Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None

The Juniper will always act as an SCU and be the client in a client – server model.

SOP Specific Conformance to Modality Performed Procedure Step SOP Classes

The Modality Performed Procedure Step AE provides a conforming implementation of the following DICOM Service SOP Class as an SCU at a standard extended level of conformance.

Table 22: Supported SOP Class

Supported SOP Class Name	SOP Class UID	Conformance Level
Modality Performed Procedure Step	1.2.840.10008.3.1.2.3.3	Standard Extended

The following tables provide the list of attributes supported by the AE in the implementation of MPPS SOP Class including N-CREATE, N-SET and Final State attributes. The Juniper sends N-SET only at final state.

Table 23: Modality Performed Procedure Step Attributes in N-CREATE

Attribute	Tag	Notes
Specific Character Set	(0008,0005)	Created from values as defined in Section 7.4 of this document or as received from MWL
Scheduled Step Attribute Sequence	(0040,0270)	
>Study Instance UID	(0020,000D)	Value obtained from Modality WorkList; generated by Juniper in some cases

Attribute	Tag	Notes
>Referenced Study Sequence	(0008,1110)	Populated with contents of Referenced Study Sequence from Modality Worklist if used, created otherwise. See table F.7.2-1 in PS 3.4-2011 for sequence definition.
>>Referenced SOP Class UID	(0008,1150)	Populated with contents of Referenced Study Sequence from Modality Worklist if used, created otherwise. See table F.7.2-1 in PS 3.4-2011 for sequence definition.
>>Referenced SOP Instance UID	(0008,1155)	Populated with contents of Referenced Study Sequence from Modality Worklist if used, created otherwise. See table F.7.2-1 in PS 3.4-2011 for sequence definition.
>Accession Number	(0008,0050)	Value obtained from Modality WorkList or user input
>Requested Procedure ID	(0040,1001)	Value obtained from Modality WorkList or created
>Requested Procedure Description	(0032,1060)	From Modality WorkList or zero length
>Scheduled Procedure Step ID	(0040,0009)	From Modality WorkList or zero length
>Scheduled Procedure Step Description	(0040,0007)	From Modality WorkList or zero length
>Scheduled Protocol Code Sequence	(0040,0008)	From Modality WorkList or zero length
>>Code Value	(0008,0100)	
>>Coding Scheme Designator	(0008,0102)	
>>Coding Scheme Version	(0008,0103)	
>>Code Meaning	(0008,0104)	Value obtained from Modality WorkList
Patient's Name	(0010,0010)	Value obtained from Modality WorkList or user input
Patient ID	(0010,0020)	Value obtained from Modality WorkList or user input
Patient's Birth Date	(0010,0030)	Value obtained from Modality WorkList or user input
Patient's Sex	(0010,0040)	Value obtained from Modality WorkList or user input
Referenced Patient Sequence	(0008,1120)	Zero length
>Referenced SOP Class UID	(0008,1150)	
>Referenced Instance UID	(0008,1155)	
Performed Station Name	(0040,0242)	Own hostname
Performed Location	(0040,0243)	From institution name
Performed Procedure Step Start Date	(0040,0244)	The start date of the performed procedure step.
Performed Procedure Step Start Time	(0040,0245)	The start time of the performed procedure step.
Performed Procedure Step Status	(0040,0252)	Always set to "In-Progress".
Performed Procedure Step Description	(0040,0254)	Value obtained from Modality WorkList or sent as zero length

Attribute	Tag	Notes
Performed Procedure Type Description	(0040,0255)	sent as zero length
Procedure Code Sequence	(0008,1032)	Populated with contents of Requested Procedure Code Sequence from Modality Worklist if used, empty otherwise. See table F.7.2-1 in PS 3.4-2011 for sequence definition.
>Code Value	(0008,0100)	-
>Coding Scheme Designator	(0008,0102)	-
>Coding Scheme Version	(0008,0103)	-
>Code Meaning	(0008,0104)	-
Performed Procedure Step End Date	(0040,0250)	Always sent as 0 length attribute
Performed Procedure Step End Time	(0040,0251)	Always sent as 0 length attribute
Modality	(0008,0060)	Always set to US
Study ID	(0020,0010)	Populated from Requested Procedure ID (0040,1001) if Modality Worklist is used; created by Juniper otherwise
Performed Protocol Code Sequence	(0040,0260)	Obtained from Scheduled Action Item Code Sequence (MWL query) or sent as zero length
Performed Series Sequence	(0040,0340)	Always empty
Performed Series Sequence	(0040,0340)	
>Performing Physician's Name	(0008,1050)	From MWL or user input
>Protocol Name	(0018,1030)	Set to exam type
>Operators' Name	(0008,1070)	Zero length
>Series Instance UID	(0020,000E)	Created
>Series Description	(0008,103E)	Zero length
>Retrieve AE Title	(0008,0054)	Zero length
>Referenced Image Sequence	(0008,1140)	Zero length
>>Referenced SOP Class UID	(0008,1150)	-
>>Referenced SOP Instance UID	(0008,1155)	-
>Referenced Standalone SOP Instance Sequence	(0040,0220)	Zero length

Table 24: Modality Performed Procedure Step Attributes in N-SET

Attribute	Tag	Notes
Performed Procedure Step Status	(0040,0252)	Set to "Discontinued" or "Completed" based on user selection.
Performed Procedure Step End Date	(0040,0250)	Date the procedure step was completed
Performed Procedure Step End Time	(0040,0251)	Time the procedure step was completed

Attribute	Tag	Notes
Performed Action Item Code Sequence	(0040,0260)	From Scheduled Action Item Code Sequence
>Code Value	(0008,0100)	
>Coding Scheme Designator	(0008,0102)	
>Coding Scheme Version	(0008,0103)	
>Code Meaning	(0008,0104)	
Performed Series Sequence	(0040,0340)	Shall contain only one series
>Performing Physician's Name	(0008,1050)	Zero length
>Protocol Name	(0008,1030)	Exam type specified by the operator.
>Operator's Name	(0008,1070)	Zero length
>Series Instance UID	(0020,000E)	The Instance UID of the series to which the procedure belongs.
>Series Description	(0008,103E)	Always sent as 0 length attribute
>Retrieve AE Title	(0008,0054)	Always sent as 0 length attribute
>Referenced Image Sequence	(0008,1140)	List of all the images in the series.
>>Referenced SOP Class UID	(0008,1150)	The SOP class UID can be one of: Ultrasound Multi-Frame Image Storage 1.2.840.10008.5.1.4.1.1.3.1 Ultrasound Multi-Frame Image Storage (Retired) 1.2.840.10008.5.1.4.1.1.3 Ultrasound Image Storage 1.2.840.10008.5.1.4.1.1.6.1 Ultrasound Image Storage (Retired) 1.2.840.10008.5.1.4.1.1.6 Secondary Capture Image Storage 1.2.840.10008.5.1.4.1.1.7
>>Referenced SOP Instance UID	(0008,1155)	The SOP instance UID of the image.
> Referenced Standalone SOP Instance Sequence	(0040,0220)	Always empty

4.2.3.6 Real World Activity – Query / Retrieve

The query user interface will request the query-data from user and triggers one C-FIND request to the selected remote node. The response data will be displayed in the query UI for further data navigation.

When requesting Import of related items the browser requests the retrieve application to send a C-MOVE request to the related remote node. Images will then be received by the Storage SCP as described in the related section.

4.2.3.6.1 Real World Activity - Find SCU

Associated Real-World Activity - Find SCU “Search”

The associated Real-World activity is to fill out a query form with search data and pass it as query to the network application which issues a C-FIND over a previously built association. The remote SCP will respond with related data-entries that will be passed to a browser application. When data transfer is finished the association is closed.

Proposed Presentation Contexts - Find SCU

The Juniper DICOM application will propose Presentation Contexts as shown in the following table.

Table 25: Query C-FIND Presentation Context

Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name	UID		
Study Root Query/Retrieve Model – FIND	1.2.840.10008.5.1.4.1.2.2.1	Implicit VR Little Endian Explicit VR Little Endian Explicit VR Big Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1 1.2.840.10008.1.2.2	SCU	None

The C-FIND SCU will use the Study Root Model for all C-FIND requests.

SOP Specific Conformance - Find SCU

The Juniper DICOM Query/Retrieve SCU supports hierarchical queries with all mandatory search keys. The interactive querying of attributes on IMAGE level is not supported by the Query SCU. Though, retrieval of individual Objects is possible. The following table describes the search keys for the different query models that the SCU supports. Matching is either wildcard, which means that the user can supply a string containing wildcards, or universal, which means that the attribute is requested as return value.

Table 26: Query C-FIND Search Keys

Attribute Name	Tag	Type	Matching	User Input	Return Value Display
Study Level					
Patient Name	(0010,0010)	R	Wildcard ^(a)	enter value	yes
Patient ID	(0010,0020)	R	Wildcard ^(a)	enter value	yes
Patient's Birth date	(0010,0030)	O	universal (Null)		yes
Patient's Sex	(0010,0040)	O	universal (Null)	enter value	yes
Study Instance UID	(0020,000D)	U	universal (Null)		no
Study ID	(0020,0010)	R	universal (Null)		yes
Study Date	(0008,0020)	R	universal (Null)	enter value	yes
Study Time	(0008,0030)	R	universal (Null)	-	yes
Accession Number	(0008,0050)	R	universal (Null)	enter value	yes
Study Description	(0008,1030)	O	universal (Null)		yes
Referring Physician's Name	(0008,0090)	O	universal (Null)	enter value	yes
Name of Physician Reading Study	(0008,1060)	O	universal (Null)		yes
Modalities in Study	(0008,0061)	O	universal (Null)	enter value	yes
Storage Media File-Set ID	(0008,0130)	O	universal (Null)		no
Retrieve AE Title	(0008,0054)	O	universal (Null)		no
Number of Study related Series	(0020,1206)	O	universal (Null)		yes ^a
Number of Study related Instances	(0020,1208)	O	universal (Null)		no
Series Level					
Series Instance UID	(0020,000E)	U	universal (Null)		no
Series Number	(0020,0011)	R	universal (Null)		yes
Modality	(0008,0060)	R	universal (Null)	enter value	yes
Series Description	(0008,103E)	O	universal (Null)	enter value	yes
Body Part Examined	(0018,0015)	O	universal (Null)	enter value	yes

Attribute Name	Tag	Type	Matching	User Input	Return Value Display
Performing Physician	(0008,1050)	O	universal (Null)	enter value	yes
Storage Media File-Set ID	(0008,0130)	O	universal (Null)		yes
Retrieve AE Title	(0008,0054)	O	universal (Null)		yes
Protocol Name	(0018,1030)	O	universal (Null)		no
Perf. Procedure Step Start Date	(0040,0244)	O	universal (Null)		yes
Perf. Procedure Step Start Time	(0040,0245)	O	universal (Null)		yes
Requested Attribute Sequence	(0040,0275)	O	universal (Null)		yes
> Requested Procedure ID	(0040,1001)	O	universal (Null)		yes
> Scheduled Procedure ID	(0040,0009)	O	universal (Null)		yes
Number of Series related Instances	(0020,1209)	O	universal (Null)		yes
Image Level					
SOP Instance UID	(0008,0018)	U	single value		no
Image Number	(0020,0013)	R	universal (Null)		yes
Storage Media File-Set ID	(0008,0130)	O	universal (Null)		no
Retrieve AE Title	(0008,0054)	O	universal (Null)		no
Instance Date	(0008,0023)	O	universal (Null)		no
Instance Time	(0008,0033)	O	universal (Null)		no
Number of Frames	(0028,0008)	O	universal (Null)		yes
Content Date	(0008,0023)	O	single value, range matching, universal	enter value	yes
Content Time	(0008,0033)	O	single value, range matching, universal	enter value	yes
Referenced Request Sequence	(0040,A370)	O	sequence matching		yes
>Accession Number	0008,0050)	O	single value, universal		yes
>Requested Procedure ID	(0040,1000)	O	single value, universal		yes
Concept Name Code Sequence	(0040,A043)	O	sequence matching	enter value	yes
>Code Value	(0008,0100)	O	single value, universal, wildcard		yes
>Coding Scheme Designator	(0008,0102)	O	single value, universal, wildcard		yes
>Coding Scheme Version	(0008,0103)	O	single value, universal, wildcard		yes
>Code Meaning	(0008,0104)	O	single value, universal, wildcard		yes

Attribute Name	Tag	Type	Matching	User Input	Return Value Display
Template Identifier	(0040,DB00)	O	single value, universal, wildcard		yes
Completion Flag	(0040,A491)	O	single value, universal, wildcard	enter value	yes
Verification Flag	(0040,A493)	O	single value, universal, wildcard	enter value	yes
Verifying Observer Sequence	(0040,A073)	O	sequence matching	enter value	yes
>Verifying Organization	(0040,A027)	O	single value, universal, wildcard		yes
>Verifying DateTime	(0040,A030)	O	single value, range matching, universal	enter value	yes
>Verifying Observer Name	(0040,A075)	O	single value, universal, wildcard	enter value	yes
>Verifying Observer Identification Code Sequence	(0040,A088)	O	sequence matching		yes
>>Code Value	(0008,0100)	O	single value, universal, wildcard		yes
>>Coding Scheme Designator	(0008,0102)	O	single value, universal, wildcard		yes
>>Coding Scheme Version	(0008,0103)	O	single value, universal, wildcard		yes
>>Code Meaning	(0008,0104)	O	single value, universal, wildcard		yes

Note:

(a) A '*' is always appended to the user-supplied string

Error Handling
Table 27: Query C-FIND Status Responses

Service Status	Meaning	Protocol Codes	Related Fields
Refused	Out of Resources	A700	(0000,0902)
Failed	Identifier does not match SOP Class	A900	(0000,0901) (0000,0902)
	Unable to process	CXX	(0000,0901) (0000,0902)
Cancel	Matching terminated due to Cancel request	FE00	None
Success	Matching is complete - No final Identifier is supplied	0000	None

Service Status	Meaning	Protocol Codes	Related Fields
Pending	Matches are continuing - Current Match is supplied and any Optional Keys were supported in the same manner as Required Keys	FF00	Identifier
	Matches are continuing - Warning that one or more Optional Keys were not supported for existence and/or matching for this identifier	FF01	Identifier

4.2.3.6.2 Real-World Activity – Move SCU

Associated Real-World Activity - Move SCU “Import”

When an entry is selected in the Query UI and activate the “Import” function, a retrieval request is passed via a C-MOVE service according to the Patient Root or Study Root query model.

C-MOVE operation on Patient Level is not supported by the Query UI.

Proposed Presentation Contexts - Move SCU

The Juniper DICOM application will propose Presentation Contexts as shown in the following table.

Table 28: Retrieve C-MOVE Presentation Context

Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name	UID		
Study Root Query/Retrieve Model – MOVE	1.2.840.10008.5.1.4.1.2.2.2	Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		Explicit VR Little Endian	1.2.840.10008.1.2.1		
		Explicit VR Big Endian	1.2.840.10008.1.2.2		

SOP Specific Conformance - Move SCU “Import”

At association establishment the C-MOVE presentation context shall be negotiated. The C-STORE sub-operations must be done on a different association to transfer images to the Storage Service Class SCP.

The Move SCU interprets following status codes.

Table 29: Retrieve C-MOVE Status Responses

Service Status	Meaning	Protocol Codes	Related Fields
Failed	Identifier does not match SOP Class	A900	(0000,0901) (0000,0902)
	Unable to process	CXX	(0000,0901) (0000,0902)
Success	Matching is complete - No final Identifier is supplied	0000	None
Pending	Matches are continuing - Current Match is supplied and any Optional Keys were supported in the same manner as Required Keys	FF00	Identifier

4.2.3.7 Real World Activity – Print

The Juniper facilitates user to print images as they are being created or later in review mode.

Paging images during acquisition

One or more of “Print Store 1” and “Print Store 2” keys on the control panel can be configured for Print (DICOM B/W Print and/or DICOM Color Print). When the user presses one of the configured keys on the control panel, the image is acquired, stored on the hard disk and placed in a page under the respective printer layout (DICOM B/W Printer Layout or DICOM Color Printer Layout).

Paging images in Review mode

User can select either individual images from open or closed studies, or one or more closed studies and queue them up for print. DICOM B/W Printer and DICOM Color Printer buttons are available in Patient browser for this operation. When a study is selected for print, all single-frame images belonging to the study will be printed.

Transfer of pages to the Printer

Pages may be immediately transferred or delayed till the end of study using the transfer configuration.

The Juniper supports two configurations: “Print at end exam” and “Print when page ss full”.

If the configuration is set to “Print at end exam”, all pages queued to destination devices will be transferred as a batch when the user selects “End Exam” or “New Patient”.

If the configuration is set to “Print when page is full”, a page is transferred to destination devices immediately after it is full.

For both “Print at end Exam”, and “Print when page is full” settings, image transfer will be delayed if the Juniper is busy to perform another DICOM Command (Store/Print/Echo).

Associated Real World Activities

An association is established when the user initiates a “B/W Print” or “Color Print” operation from the Patient browser. Individual images or entire exams can be transferred to the selected DICOM Print device. The association is closed no pages are available to be printed for five seconds. An association may also be opened after a network outage or when the system is powered-on if images are queued to be printed.

Proposed Presentation Context to a Grayscale Print Server

Table 30: Grayscale Print Presentation Context

Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Basic Grayscale Print Management Meta SOP Class	1.2.840.10008.5.1.1.9	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCU	None
Basic Grayscale Print Management Meta SOP Class	1.2.840.10008.5.1.1.9	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None

SOP Specific Conformance to Basic Grayscale Print Management Meta SOP Class

The Juniper AE provides standard conformance of the Grayscale Meta SOP classes as an SCU. Specifically, with respect to the Basic Grayscale Print Management Meta SOP Class this means conformance to the underlying SOP classes:

Table 31: Conformance to Grayscale Print Meta SOP Class

SOP Class Name	SOP Class UID	Conformance Level
Basic Film Session SOP Class	1.2.840.10008.5.1.1.1	Standard
Basic Film Box SOP Class	1.2.840.10008.5.1.1.2	Standard
Basic Grayscale Image Box SOP Class	1.2.840.10008.5.1.1.4	Standard
Printer SOP Class	1.2.840.10008.5.1.1.16	Standard

All mandatory elements of these classes are supported.

Specific Conformance to Basic Film Session SOP Class

DICOM specified usage - M = Mandatory; U = User Option

Table 32: Supported DIMSE Services for Basic Film Session SOP Class

Name	Usage	Description
N-Create	M	Creates the Film Session.
N-Set	U	Not used.
N-Delete	U	Deletes the Film Session.
N-Action	U	Not used.

SOP Specific Conformance to Basic Film Box SOP Class

Table 33: Supported DIMSE Services for Basic Film Box SOP Class

Name	Usage	Description
N-Create	M	Creates the Film Box.
N-Set	U	Not used.
N-Delete	U	Deletes the Film Box. Issued after each film is printed.
N-Action	M	PRINT. Sent after each Film Box is filled, and at the end of the exam to force a print of partially filled Film Box.

Table 34: Attributes set for the Basic Film Box SOP Class

Attribute Name	Attribute Tag	Usage	Range	Description
Image Display Format	(2010,0010)	M	STANDARD\ X,Y	Where X, Y can be configured/ selected as 1*1, 1*2, 2*2, 2*3, 3*2, 3*3, 3*5, 4*5, 4*6, 5*6
Film Orientation	(2010,0040)	U	PORTRAIT LANDSCAPE	Range may be limited by print server/printer.
Film Size ID	(2010,0050)	U	8INX10IN 8.5INX11IN 10INX12IN 10INX14IN 11INX14IN 11INX17IN 14INX14IN 14INX17IN 24CMX24CM 24CMX30CM A3 A4	Range may be limited by print server/printer.
Magnification Type	(2010,0060)	U	REPLICATE BILINEAR CUBIC NONE	
Min. Density	(2010,0120)	U	0-999	Printer specific
Max Density	(2010,0130)	U	0-999	Printer specific
Configuration Information	(2010,0150)	U		Printer specific
Smoothing Type	(2010,0080)	U		Printer specific
Border Density	(2010,0100)	U	BLACK WHITE	
Empty Image Density	(2010,0110)	U	BLACK WHITE	
Trim	(2010,0140)	U	YES NO	

SOP Specific Conformance to Basic Grayscale Image Box SOP Class
Table 35: Supported DIMSE Services for the Basic Grayscale Image Box SOP

Name	Usage	Description
N-Set	M	The SCP for each potential image of the film box creates an image box instance. Only those instances, which actually contain images, will be updated with the N-SET message.

Table 36: Attributes set for the Basic Grayscale Image Box SOP Class

Name	Attribute	Range	Description
Image Position	(2020,0010)	1-30	Value according to Image Display Format
Polarity	(2020,0020)	NORMAL, REVERSE	Intensity mapping between display and print

Table 37: Supported DIMSE Services for the Printer SOP

Name	Usage	Description
N-Event-Report	M	Ignored and not handled.
N-Get	U	May be issued by this device at any time to get printer status.

Table 38: Supported Printer SOP Class Element

Name	Usage	Range	Description
Printer Status	U	WARNING FAILURE	During a "Failure", the Print job will be displayed as "Failed".
Printer Status Information	U	Vendor specific	Reported to user if printer status = WARNING or FAILURE.

Proposed Presentation Context to a Color Print Server

Table 39: Color Print Server Presentation Context

Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Basic Color Print Management Meta SOP Class	1.2.840.10008.5.1.1.18	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCU	None
Basic Color Print Management Meta SOP Class	1.2.840.10008.5.1.1.18	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None

SOP Specific Conformance to Basic Color Print Management Meta SOP Class

The Juniper Print AE provides standard conformance to the color printing Meta SOP classes as an SCU. Specifically, with respect to the Basic Color Print Management Meta SOP Class this means conformance to the underlying SOP classes:

Table 40: Conformance to Color Print Meta SOP Class

SOP Class Name	SOP Class UID	Conformance Level
Basic Film Session SOP Class	1.2.840.10008.5.1.1.1	Standard
Basic Film Box SOP Class	1.2.840.10008.5.1.1.2	Standard
Basic Color Image Box SOP Class	1.2.840.10008.5.1.1.4.1	Standard
Printer SOP Class	1.2.840.10008.5.1.1.16	Standard

SOP Specific Conformance to Basic Color Image Box SOP Class

The Basic Color Print Management Meta SOP Class makes identical use of the *Basic Film Session SOP Class*, *Basic Film Box SOP Class* and *Printer SOP Class* elements, which have been previously described for grayscale image printing. Therefore, these will not be described again in this section on color printing. However, it should be noted that certain attributes, such as Medium Type which is defined in the Basic Film Session SOP Class, are highly likely to require printer/print server specific media.

Table 41: Supported DIMSE Services for the Basic Color Image Box SOP Class

Name	Usage	Description
N-Set	M	The SCP for each potential image of the film box creates an image box instance. Only those instances, which actually contain images, will be updated with the N-SET message.

Table 42: Attributes set for the Basic Color Image Box SOP Class

Name	Attribute	Range	Description
Planar Configuration	(0028,0006)	0 – color by pixel 1 – color by plane	Color by plane. Color frame pixel order is configured as a planar image. Set to 0 (color by pixel) for RGB pixel-ordered image, 1 (color by plane) for planar image. Required when Samples per Pixel has a value greater than 1.

The Printer SOP Class behavior is identical to that used for grayscale printing.

Error Handling

The Juniper Print AE supports the following error codes and reports failures to the user.

Table 43: Supported Error Codes for Printer Classes

Service Status	Further Meaning	Protocol Codes
Success	Film accepted for Printing	0000
Warning	Film accepted for Printing, one or more settings ignored.	107,116,B600,B605
Failure	Printing not successful	C602, C603, C613

If the print operation is not successful, the image(s) are spooled on the ACUSON Juniper™ system hard drive. A user-configured number of additional attempts are made to print the image(s). If these attempts fail, the user must select the job and press “Retry Job” on the DICOM Screen to complete the print operation.

5 REMOVABLE MEDIA INTERCHANGE SPECIFICATIONS

This implementation supports 120mm CD/DVD medium and USB.

5.1 Supported Application Profiles

The Juniper provides standard conformance to the following four Ultrasound Application Profiles. A DICOM 3.0 conformant DICOMDIR file is created together with the directory structures and image files.

Table 44: Application Profiles, Real-World Activities, and Roles

Supported AP	Real-World Activity	Roles	SC Option
STD-US-ID-SF-CDR	Create CD-R	FSC, FSR	Interchange
STD-US-ID-MF-CDR	Create CD-R	FSC, FSR	Interchange
STD-US-SC-SF-CDR	Create CD-R	FSC	Interchange
STS-US-SC-MF-CDR	Create CD-R	FSC	Interchange
STD-US-ID-SF-DVD	Create DVD	FSC, FSR	Interchange
STD-US-ID-MF-DVD	Create DVD	FSC, FSR	Interchange
STD-US-SC-SF-DVD	Create DVD	FSC	Interchange
STS-US-SC-MF-DVD	Create DVD	FSC	Interchange
STD-GEN-USB	Export to USB	FSC, FSU	Interchange
STD-GEN-USB	Import from USB	FSR	Interchange

5.2 Supported SOP Classes

5.2.1 Supported SOP Classes and Transfer Syntaxes

This implementation provides standard conformance to the following DICOM 3.0 SOP Classes.

Table 45: Transfer Syntaxes for Media Interchange

Service SOP Class Name	SOP Class UID	Transfer Syntax Name	Transfer Syntax UID List
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1	Lossy JPEG 8 Bit Image Compression	1.2.840.10008.1.2.4.50
Comprehensive SR	1.2.840.10008.5.1.4.1.1.88.33	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1

5.3 Information Object Definition and DICOMDIR Keys

5.3.1 DICOM File Meta Information

The following table denotes the attributes included in the Ultrasound Image Object as implemented on the Juniper in addition to the attributes listed in Table 8: .

Table 46: US Image Attributes Used
(Refer to Table 8: for additional attributes used)

Attribute Name	Tag	Notes
File Preamble	No Tag or Length fields	All bytes are set to 00H
DICOM Prefix	No Tag or Length fields	Set to DICOM Prefix "DICM"
Group length	(0002,0000)	
File Meta Information Version	(0002,0001)	Always set to 0001H
Media Storage SOP Class UID	(0002,0002)	Always Ultrasound Image 1.2.840.10008.5.1.4.1.1.6.1
Media Storage SOP Instance UID	(0002,0003)	
Transfer Syntax UID	(0002,0010)	Always Explicit VR Little Endian 1.2.840.10008.1.2.1
Implementation Class UID	(0002,0012)	Always set to 1.3.12.2.1107.5.5.5
Implementation Version Name	(0002,0013)	Always set to MergeCOM3_370

The following table denotes the attributes included in the Ultrasound Multi-Frame Image Object as implemented on the Juniper in addition to the attributes listed in Table 9: .

Table 47: USMF Image Attributes Used
(Refer to Table 9: for additional attributes used)

Attribute	Tag	Notes
File Preamble	No Tag or Length fields	All bytes are set to 0
DICOM Prefix	No Tag or Length fields	Set to "DICM"
Group length	(0002,0000)	
File Meta Information Version	(0002,0001)	Always set to 0001H
Media Storage SOP Class UID	(0002,0002)	Always Ultrasound Multi-Frame Image 1.2.840.10008.5.1.4.1.1.3.1
Media Storage SOP Instance UID	(0002,0003)	
Transfer Syntax UID	(0002,0010)	Always Lossy JPEG 8 Bit Compression 1.2.840.10008.1.2.4.50
Implementation Class UID	(0002,0012)	Always set to 1.3.12.2.1107.5.5.5
Implementation Version Name	(0002,0013)	Always set to MergeCOM3_370

The following table denotes the attributes included in the Comprehensive SR Object as implemented on the Juniper in addition to the attributes listed in Table 13: .

Table 48: Comprehensive SR Attributes Used
(Refer to Table 13: for additional attributes used)

Attribute	Tag	Notes
File Preamble	No Tag or Length fields	All bytes are set to 0
DICOM Prefix	No Tag or Length fields	Set to "DICM"
Group length	(0002,0000)	
File Meta Information Version	(0002,0001)	Always set to 0001H
Media Storage SOP Class UID	(0002,0002)	Always Comprehensive SR 1.2.840.10008.5.1.4.1.1.88.33

Attribute	Tag	Notes
Media Storage SOP Instance UID	(0002,0003)	
Transfer Syntax UID	(0002,0010)	Always Explicit VR Little Endian 1.2.840.10008.1.2.1
Implementation Class UID	(0002,0012)	Always set to 1.3.12.2.1107.5.5.5
Implementation Version Name	(0002,0013)	Always set to MergeCOM3_370

5.3.2 Basic Directory Information Object Definitions – File-set Identification Module

Attribute	Tag	Notes
File-Set ID	(0004,1130)	Set to serial number + YYMMDD + 3 digit counter. Volume Label has this same value.

5.3.3 Basic Directory Information Object Definitions – Directory Identification Module

Attribute	Tag	Notes
Offset of the First Directory Record of the Root Directory Entry	(0004,1200)	
Offset of the Last Directory Record of the Root Directory Entry	(0004,1202)	
File-set Consistency Flag	(0004,1212)	
Directory Record Sequence	(0004,1220)	
>Offset of the Next Directory Record	(0004,1400)	
>Record In-use Flag	(0004,1410)	
>Offset of Referenced Lower-Level Directory Entity	(0004,1420)	
>Directory Record Type	(0004,1430)	
>Referenced File ID	(0004,1500)	
>Referenced SOP Class UID in File	(0004,1510)	
>Referenced SOP Instance UID in File	(0004,1511)	

5.3.4 Physical Storage Media and Media Formats

The physical storage media supported are 120mm CD-R, CD-RW, DVD-R, DVD+R, DVD-RW, and DVD+RW medium.

6 COMMUNICATION PROFILES

All Juniper application entities utilize the DICOM 3.0 TCP/IP communication support as defined in PS3.8 (Part 8) of the DICOM 3.0 Standard.

6.1 TCP/IP Stack Supported

Each process inherits its TCP/IP stack from the Juniper's operating systems TCP/IP stack. The local AE Port number is always set to 104.

6.2 Physical Media Supported

Standard representations of IEEE 802.3 10BaseT/100BaseT/1000BaseT ("twisted pair") is supported

6.3 Chapter Extensions/Specializations/Privatizations

Pixel Spacing information is only provided for single, full screen, and 2D image types (B-mode, B-mode with color, and B-mode with power).

Appendix A lists the DICOM SR mappings used by the Juniper AE in Obstetric and Gynecology Structured Reports. All private concept names use the Coding Scheme Designator "99SIEMENS" or "99SIEMENSUS".

Appendix B lists the DICOM SR mappings used by the Juniper AE in Vascular Structured Reports. All private concept names use the Coding Scheme Designator "99SIEMENS" or "99SIEMENSUS".

Appendix C lists the DICOM SR mappings used by the Juniper AE in Fetal Echo Structured Reports. All private concept names use the Coding Scheme Designator "99SIEMENS" or "99SIEMENSUS".

Appendix D lists the DICOM SR mappings used by the Juniper AE in Adult Echocardiography Structured Reports. All private concept names use the Coding Scheme Designator "99SIEMENS" or "99SIEMENSUS".

7 CONFIGURATION

The Juniper Networking and DICOM parameters can be configured through the System Configuration screen. The following configurations are supported:

- General system
- Network (local and remote)
- DICOM Store
- DICOM Storage Commitment
- DICOM Modality Worklist
- DICOM Modality Performed Procedure Step
- DICOM Query/Retrieve
- DICOM Print

7.1 General System Configuration

The following system parameter can be configured via the System Configuration - General 1 Menu screens. This parameter is mapped to a DICOM image attribute:

- Institution Name

7.1.1 Hospital Name

The user can enter the organization (i.e. hospital, clinic, etc.) as a text string in the Institution Name field of the System Configuration - General 1 menu. The Organization Name field is transferred to DICOM devices as Institution Name - DICOM data element (0008,0080).

7.2 DICOM Network Configuration

DICOM and networking parameters can be configured for both the local Juniper device and remote DICOM service class providers through the System Configuration – Network menu.

7.2.1 Local

The Juniper local network parameters are configurable. The following network parameters can be configured for the Juniper device:

- Host Name
- IP address
- Subnet IP mask
- Default Gateway
- DICOM Application Entity Title

7.2.2 Remote

Multiple DICOM service class providers can be configured through the system configuration. The following network parameters can be configured for each remote device:

- Alias
- DICOM Device Application Entity Title
- IP Address
- Port Number

- Timeout in seconds
- Number of times to retry failure
- Seconds between each retry
- Write timeout in seconds
- Connect timeout in seconds

7.2.2.1 DICOM Store Configuration

Several configuration settings are provided in addition to those described in Section 7.2.2.

The Image Format setting provides control over the Presentation Contexts proposed during Association negotiation. This is documented in Section 4.2.2.2 Association Establishment Order.

Configuration options are provided to control the Photometric Interpretation of grayscale images stored to a DICOM Store SCP. Grayscale images can be stored as RGB, YBR-FULL-422 or MONOCHROME2.

Many Juniper B-Mode and M-Mode images contain no significant color, the only color is in the Acuson 'a' transducer position marker and the ECG trace, if used. When "Store grayscale images as Monochrome" is selected, single-frame images with no significant color content will be stored as MONOCHROME2. When "Store grayscale images as Monochrome" is selected, all multi-frame images are stored as RGB or YBR-FULL-422. When "Store grayscale images and clips as Monochrome" is selected, B-Mode and M-Mode single- and multi-frame images with no significant color content will be stored as MONOCHROME2.

7.2.2.2 DICOM Storage Commitment Configuration

Configuration of DICOM Storage Commitment remote devices must be performed with DICOM Store Configuration. The Juniper supports Storage Commitment to the same remote device as Store.

7.2.2.3 DICOM Modality Worklist Configuration

Configuration of DICOM Modality Worklist remote devices must be performed from the DICOM Modality Worklist configuration. The Juniper supports Modality Worklist to the remote device as Modality Worklist.

When the "Streamlined Search" option is enabled, the system automatically searches all procedures on the Modality Worklist server when the Worklist screen is entered for the next 24 hours.

When the "Strict Verification" option is enabled, the system verifies the DICOM standard tags on each study list retrieved from the Modality Worklist server.

The user can enter the "Maximum number of Worklist items" which specifies the number of search results to display on the worklist screen.

7.2.2.4 DICOM Modality Performed Procedure Step Configuration

Configuration of DICOM Modality Performed Procedure Step remote devices must be performed separately from DICOM Modality Worklist Configuration. The ACUSON Juniper™ system supports MPPS to the same remote device as Modality Worklist or to a different device.

The "Store Image Format" setting controls the Referenced SOP Class UID (0008,1150) in the Referenced Image Sequence (0008,1140) of the MPPS N-SET sent by the ACUSON Juniper™ system. Due to the Juniper's ability to select from multiple Presentation Contexts during Association Negotiation, it is necessary to use this setting.

In the majority of installations the "Store Image Format" should be left at the default setting of "New Ultrasound". There are two cases when the "Store Image Format" must be set to "Original Image" or "Secondary Capture":

- When the active Storage Server “Image Format” is set to “Original Image” or “Secondary Capture”.
- When the active Storage Server “Image Format” is set to “Automatic”, but the Storage Server does not support US Image and US Multi-frame Image.

In both cases the correct setting can be determined by reviewing the DICOM Conformance Statement of the Storage Server and following the instructions below. DICOM Conformance Statements are usually available on the manufacturer's Web site.

- If at least one of US Image and US Multi-frame Image are listed in the DICOM Conformance Statement and the active Storage Server “Image Format” is set to “Automatic” then “New Ultrasound” is the correct setting for “Store Image Format”.
- If the above is not true and at least one of US Image (Retired) and US Multi-frame Image (Retired) are listed in the DICOM Conformance Statement then “Original Image” is the correct setting for “Store Image Format”.
- If neither of the above are true then “Secondary Capture” is the correct setting for “Store Image Format”.

7.2.2.5 DICOM Query / Retrieve

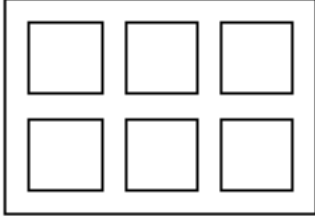
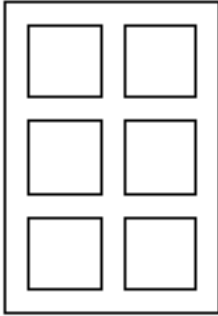
There are no specific Query/Retrieve configurable parameters.

7.2.2.6 DICOM Print Configuration

For each DICOM Print server, the following data is configurable by the user using the System Presets DICOM Print User Interface. The effect of changing parameters of the DICOM Print server will be seen at the next created film sheet. The current film sheet is not affected by changing these parameters.

Table 49: User-Configurable Printer Parameters

Parameter	Description
Printer Type	Color or Black and White - depends on printer
Film Size	Select the size of the film - 8x10 inches, 8.5x11 inches, 10x12 inches, 10x14 inches, 11x14 inches, 11x17 inches, 14x14 inches, 14x17 inches, 24x24 centimeters, 24x30 centimeters, A3, or A4.
Film Orientation	Select from Portrait:  or Landscape: 

Parameter	Description
Display Format	You must supply the number of rows and columns of images on the printed sheet. For example, a 6 on 1 print with Landscape mode should have 3 columns and 2 rows: 
	A 6 on 1 with Portrait mode would have 2 columns and 3 rows: 
Print Priority	HIGH, MEDIUM or LOW
Medium Type	PAPER, CLEAR FILM, BLUE FILM, TRANSPARENCY or CURRENT (to use the currently loaded media)
Film Destination	MAGAZINE, PROCESSOR or CURRENT
Max. Density	Used to define the Black value - printer specific
Min. Density	Used to define the White value - printer specific
Smoothing Type	Printer specific value
Border Density	BLACK or WHITE
Empty Image Density	BLACK or WHITE
Trim	YES/NO to having a border around each image
Polarity	Normal/reverse. Normal means black is printed as black. Reverse means the grayscale is inverted so that black comes out as white and white as black.
Magnification	Replicate, Bilinear, Cubic, None
Configuration Information	Printer Specific values

7.3 External Equipment Configuration

The Juniper user can configure "Hard Key" to "Output Device" mapping through the System Configuration - Custom Keys. Print images are acquired and sent to the assigned device when the user presses the associated key. The following key assignments are supported:

- **Clip Store** – This key can be assigned to Multi-frame Store or Image Store.
- **Print Store 1** – This key can be assigned to any configured DICOM Printer, DICOM Store, OEM printer or Image Store.
- **Print Store 2** – This key can be assigned to any configured DICOM Printer, DICOM Store, OEM printer or Image Store.
- **Foot Switch** – The foot switch can be assigned to any configured OEM printer, Multi-frame Store, or Image Store.

7.4 Support of Extended Character Sets

The "ISO-IR 100", "GB18030", "ISO_IR 144" character sets are supported by the Juniper based on the following language selections:

English, French, Italian, German, Spanish: "ISO_IR 100"
Chinese: "GB18030"
Russian: "ISO_IR 144"

8 SECURITY

8.1 Security Profiles

None supported.

8.2 Association Level Security

None supported.

8.3 Application Level Security

None supported.

8.4 Virus Protection

The Juniper computer system's networking has been configured to significantly reduce the possibility of virus and hacking vulnerabilities. On the Juniper, all ingress TCP and UDP ports are closed and/or absent of any type of server. The only exception to this is due to the necessity of a DICOM server available at ingress TCP port 104. Additionally, all non-essential computer services and components are disabled to minimize Juniper egress network footprint.

Outside of some minimal network exchanges required by the Juniper's commercial computer operating system, the only network connections initiated by the Juniper are for DICOM connectivity and network-share export function.

9 APPENDICES

9.1 Appendix A: OB-GYN Structured Report

This appendix lists the DICOM Structured Report (SR) mappings used in the Obstetric and Gynecologic Structured Reports of the Juniper DICOM SR files.

The mappings are organized in a manner similar to the DICOM SR Templates as described in PS 3.16-2011 of the DICOM Standard. The “Label” column identifies the on-screen Report label associated with a Concept Name. All private code values use the Coding Scheme Designator “99SIEMENS” or “99SIEMENSUS”.

The OB-GYN Report mappings follow the DICOM SR Template TID 5000: OB-GYN Ultrasound Procedure Report. Individual measurement values are shown on the Worksheet pages. Mean values are shown on the Report pages.

When a Concept Name has associated authors, the authors are listed in the next rows with

- the Label column as the author name on the Report page,
- the Code Meaning column as the author reference code, and
- the Modifiers column as the Normal Range Limits for Fetal Biometry Ratios or Population Statistical Descriptors, if available.

9.1.1 Notation

9.1.1.1 Laterality Modifier

If the ‘Laterality’ column is marked with a ‘X’ then the label could be had one of a modifier in the below table.

Side information	Modifier	Display on screen
Right	Laterality (SRT, G-C171): Right (SRT, G-A100)	Rt
Left	Laterality (SRT, G-C171): Left (SRT, G-A101)	Lt
None	Laterality (SRT, G-C171): Unilateral (SRT, G-A103)	

9.1.1.2 Derivation Modifier

If the ‘Mean’ column is marked with a ‘X’ then the label would be had a modifier in the below table.

Derivation type	Modifier	Display on screen
Mean	Derivation (DCM, 121401): Mean (SRT, R-00317)	

9.1.2 Patient Characteristics

Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units
Patient Characteristics	Container : Patient Characteristics (DCM, 121118)		
Age	Subject Age (DCM, 121033)		year
BP	Systolic Blood Pressure (SRT, F-008EC)		mmHg
BP	Diastolic Blood Pressure (SRT, F-008ED)		mmHg
Height	Patient Height (LN, 8302-2)		cm
Weight	Patient Weight (LN, 29463-7)		kg
Gravida	Gravida (LN, 11996-6)		unitless
Para	Para (LN, 11977-6)		unitless
Aborta	Aborta (LN, 11612-9)		unitless
Ectopics	Ectopic Pregnancies (LN, 33065-4)		unitless

9.1.3 Summary

Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units
Summary	Container : Summary (DCM, 121111)		
EDD	EDD (LN, 11778-8)		
LMP	LMP (LN, 11955-2)		
Num of Fetuses	Number of Fetuses (LN, 11878-6)		

9.1.4 Fetus Summary

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Summary	Container : Summary (DCM, 121111)			
		Fetus Summary	Container : Fetus Summary (DCM, 125008)			
		EFW1 Hansmann	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, TTD, Hansmann 1986 (LN, 33139-7)	g	
		EFW1 Hadlock1	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, FL, Hadlock 1985 (LN, 11751-5)	g	
		EFW1 Hadlock2	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, BPD, FL, Hadlock 1985 (LN, 11735-8)	g	
		EFW1 Hadlock4	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, BPD, FL, HC, Hadlock 1985 (LN, 11732-5)	g	
		EFW1 Hadlock3	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, FL, HC, Hadlock 1985 (LN, 11746-5)	g	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		EFW1 JSUM	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, AC, FL, JSUM 2003 (99SIEMENS, EFW101-12-02)	g	
		EFW1 JSUM(APTDxTTD)	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, APTD, TTD, FL, JSUM 2003 (99SIEMENS, EFW101-12-01)	g	
		EFW1 Osaka	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, FTA, FL, Osaka 1990 (LN, 33140-5)	g	
		EFW1 Shepard	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC and BPD, Shepard 1982 (LN, 11739-0)	g	
		EFW1 Tokyo	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, APTD, TTD, FL, Tokyo 1987 (99SIEMENS, EFW101-20-01)	g	
		EFW1 Merz	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, AC, Merz 2005 (99SIEMENS, EFW101-16-01)	g	
		EFW2 Hansmann	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, TTD, Hansmann 1986 (LN, 33139-7)	g	
		EFW2 Hadlock1	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, FL, Hadlock 1985 (LN, 11751-5)	g	
		EFW2 Hadlock2	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, BPD, FL, Hadlock 1985 (LN, 11735-8)	g	
		EFW2 Hadlock4	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, BPD, FL, HC, Hadlock 1985 (LN, 11732-5)	g	
		EFW2 Hadlock3	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, FL, HC, Hadlock 1985 (LN, 11746-5)	g	
		EFW2 JSUM	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, AC, FL, JSUM 2003 (99SIEMENS, EFW101-12-02)	g	
		EFW2 JSUM(APTDxTTD)	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, APTD, TTD, FL, JSUM 2003 (99SIEMENS, EFW101-12-01)	g	
		EFW2 Osaka	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, FTA, FL, Osaka 1990 (LN, 33140-5)	g	
		EFW2 Shepard	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC and BPD, Shepard 1982 (LN, 11739-0)	g	
		EFW2 Tokyo	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, APTD, TTD, FL, Tokyo 1987 (99SIEMENS, EFW101-20-01)	g	
		EFW2 Merz	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, AC, Merz 2005 (99SIEMENS, EFW101-16-01)	g	
		GA (EFW1) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, JSUM 2003 (99SIEMENS, GA101-12-01)	weeks and days	
		GA (EFW1) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, Osaka 1983 (99SIEMENS, GA101-18-01)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (EFW1) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, Tokyo 1987 (99SIEMENS, GA101-20-01)	weeks and days	
		GA (EFW2) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, JSUM 2003 (99SIEMENS, GA101-12-01)	weeks and days	
		GA (EFW2) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, Osaka 1983 (99SIEMENS, GA101-18-01)	weeks and days	
		GA (EFW2) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, Tokyo 1987 (99SIEMENS, GA101-20-01)	weeks and days	
		Growth (EFW1) Brenner	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Brenner 1976 (LN, 33189-2)	%	
		Growth (EFW1) Brenner(76)	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Brenner 1976 (LN, 33189-2)	%	
		Growth (EFW1) Hadlock	EFW percentile rank (LN, 11767-1)	Equation (DCM, 121420): EFW by GA, Hadlock 1991 (LN, 33162-9)	%	
		Growth (EFW1) Doubilet	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Doubilet 1996 (99SIEMENS, GR101-26-01)	%	
		Growth (EFW1) Jeanty	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Jeanty 1994 (99SIEMENS, GR101-11-01)	%	
		Growth (EFW1) JSUM	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, JSUM 2003 (99SIEMENS, GR101-12-01)	%	
		Growth (EFW1) Osaka	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Osaka 1983 (99SIEMENS, GR101-18-01)	%	
		Growth (EFW1) Tokyo	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Tokyo (99SIEMENS, GR101-20-01)	%	
		Growth (EFW1) Yarkoni	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Yarkoni 1987 (99SIEMENS, GR101-24-01)	%	
		Growth (EFW1) Hansmann	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Hansmann 1986 (99SIEMENS, GR101-09-01)	%	
		Growth (EFW2) Brenner	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Brenner 1976 (LN, 33189-2)	%	
		Growth (EFW2) Brenner(76)	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Brenner 1976 (LN, 33189-2)	%	
		Growth (EFW2) Hadlock	EFW percentile rank (LN, 11767-1)	Equation (DCM, 121420): EFW by GA, Hadlock 1991 (LN, 33162-9)	%	
		Growth (EFW2) Doubilet	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Doubilet 1996 (99SIEMENS, GR101-26-01)	%	
		Growth (EFW2) Jeanty	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Jeanty 1994 (99SIEMENS, GR101-11-01)	%	
		Growth (EFW2) JSUM	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, JSUM 2003 (99SIEMENS, GR101-12-01)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (EFW2) Osaka	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Osaka 1983 (99SIEMENS, GR101-18-01)	%	
		Growth (EFW2) Tokyo	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Tokyo (99SIEMENS, GR101-20-01)	%	
		Growth (EFW2) Yarkoni	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Yarkoni 1987 (99SIEMENS, GR101-24-01)	%	
		Growth (EFW2) Hansmann	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Hansmann 1986 (99SIEMENS, GR101-09-01)	%	
		Growth (Williams EFW1) Williams Male	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (male) (LN, 33184-3)	%	
		Growth (Williams EFW1) Williams Female	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (female) (LN, 33184-3)	%	
		Growth (Williams EFW1) Williams	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (LN, 33184-3)	%	
		Growth (Williams EFW2) Williams Male	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (male) (LN, 33184-3)	%	
		Growth (Williams EFW2) Williams Female	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (female) (LN, 33184-3)	%	
		Growth (Williams EFW2) Williams	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (LN, 33184-3)	%	
		SD (EFW1) Hansmann		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Hadlock1		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Hadlock2		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Hadlock4		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Hadlock3		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Shepard		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Tokyo		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Merz		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Hansmann		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Hadlock1		2 Sigma deviation of population (DCM, 121417)	g	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SD (EFW2) Hadlock2		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Hadlock4		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Hadlock3		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Shepard		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Tokyo		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Merz		2 Sigma deviation of population (DCM, 121417)	g	
		USMA Average	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Average Ultrasound Age (LN, 11884-4)	days	
		USMA Hadlock6	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (AC, FL) (99SIEMENS, CA100-08-01)	days	
		USMA Hadlock2	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, AC) (99SIEMENS, CA100-08-02)	days	
		USMA Hadlock9	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, AC, FL) (99SIEMENS, CA100-08-03)	days	
		USMA Hadlock3	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, FL) (99SIEMENS, CA100-08-04)	days	
		USMA Hadlock1	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, HC) (99SIEMENS, CA100-08-05)	days	
		USMA Hadlock7	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, HC, AC) (99SIEMENS, CA100-08-06)	days	
		USMA Hadlock11	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, HC, AC, FL) (99SIEMENS, CA100-08-07)	days	
		USMA Hadlock8	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, HC, FL) (99SIEMENS, CA100-08-08)	days	
		USMA Hadlock4	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (HC, AC) (99SIEMENS, CA100-08-09)	days	
		USMA Hadlock10	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (HC, AC, FL) (99SIEMENS, CA100-08-10)	days	
		USMA Hadlock5	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (HC, FL) (99SIEMENS, CA100-08-11)	days	
		USMA (SD) Hadlock6		2 Sigma deviation of population (DCM, 121417)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		USMA (SD) Hadlock2		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock9		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock3		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock1		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock7		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock11		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock8		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock4		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock10		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock5		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		Fetal HR HR	Fetal Heart Rate (LN, 11948-7)		bpm	X
		Fetal HR HR	Fetal Heart Rate (LN, 11948-7)		bpm	X
		Fetal HR T	Time (99SIEMENS, Time)		ms	X
		Fetal HR T	Time (99SIEMENS, Time)		ms	X

9.1.5 Fetal Biometry Ratios

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Biometry Ratios	Container : Fetal Biometry Ratios (DCM, 125001)			
		Biometry Group	Container : Biometry Group (DCM, 125005)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		CI Hadlock	Cephalic Index (LN, 11823-2)			
		CI Chitty	Cephalic Index (LN, 11823-2)			
		Growth (CI) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CI by GA, Chitty 1994 (99SIEMENS, GR139-05-01)	%	
		Growth (CI) Hadlock	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CI by GA, Hadlock 1981 (99SIEMENS, GR139-08-01)	%	
		Growth (FL/AC) Hadlock	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL/AC by GA, Hadlock 1983 (99SIEMENS, GR141-08-01)	%	
		Growth (FL/BPD) Hohler	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL/BPD by GA, Hohler 1981 (99SIEMENS, GR142-32-01)	%	
		Growth (HC/AC) Campbell	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC/AC by GA, Campbell 1977 (LN, 33182-7)	%	
		Growth (HC/AC) Nicolaidis	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC/AC by GA, Nicolaidis 1994 (99SIEMENS, GR143-17-01)	%	
		Growth (Cerebellum / AC) Meyer	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TCD/AC by GA, Meyer 1993 (99SIEMENS, GR149-33-01)	%	
		Growth (Cerebellum / AC) Nicolaidis	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TCD/AC by GA, Nicolaidis 1994 (99SIEMENS, GR149-17-01)	%	
		SD-H (HC/AC) Campbell		Normal Range Upper Limit (SRT, R-0038B)		
		SD-H (HC/AC) Nicolaidis		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (HC/AC) Campbell		Normal Range Lower Limit (SRT, R-10041)		
		SD-L (HC/AC) Nicolaidis		Normal Range Lower Limit (SRT, R-10041)		
		SD-H (FL/BPD) Hohler		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (FL/BPD) Hohler		Normal Range Lower Limit (SRT, R-10041)		
		SD-H (FL/AC) Hadlock		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (FL/AC) Hadlock		Normal Range Lower Limit (SRT, R-10041)		
		SD-H (CI) Hadlock		Normal Range Upper Limit (SRT, R-0038B)		
		SD-H (CI) Chitty		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (CI) Hadlock		Normal Range Lower Limit (SRT, R-10041)		
		SD-L (CI) Chitty		Normal Range Lower Limit (SRT, R-10041)		

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SD-H (Lat Vent/HW) Johnson		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (Lat Vent/HW) Johnson		Normal Range Lower Limit (SRT, R-10041)		
		SD-H (Cerebellum/AC) Meyer		Normal Range Upper Limit (SRT, R-0038B)		
		SD-H (Cerebellum/AC) Meyer		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (Cerebellum/AC) Meyer		Normal Range Lower Limit (SRT, R-10041)		
		SD-L (Cerebellum/AC) Meyer		Normal Range Lower Limit (SRT, R-10041)		
		Cerebellum / AC Meyer	TCD/AC (99SIEMENS, TCDOverAC)			
		Cerebellum / AC Nicolaides	TCD/AC (99SIEMENS, TCDOverAC)			
		Lat Vent/HW Johnson	LVW/HW (99SIEMENS, LVWOverHW)			
		FL/AC Hadlock	FL/AC (LN, 11871-1)			
		HC/AC Campbell	HC/AC (LN, 11947-9)			
		HC/AC Nicolaides	HC/AC (LN, 11947-9)			
		FL/BPD Hohler	FL/BPD (LN, 11872-9)			

9.1.6 Fetal Biometry

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Biometry	Container : Fetal Biometry (DCM, 125002)			
		Biometry Group	Container : Biometry Group (DCM, 125005)			
		BPD D	Biparietal Diameter (LN, 11820-8)		mm	X
		HC C	Head Circumference (LN, 11984-2)		mm	X
		AC C	Abdominal Circumference (LN, 11979-2)		mm	X
		FL D	Femur Length (LN, 11963-6)		mm	X
		Foot D	Foot length (LN, 11965-1)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		TC C	Thoracic Circumference (LN, 11988-3)		mm	X
		OFD D	Occipital-Frontal Diameter (LN, 11851-3)		mm	X
		Facial Angle Angle	Facial Angle (99SIEMENS, FacialAngle)		°	X
		FTA A	Fetal Trunk Area (99SIEMENS, FetalTrunkArea)		cm ²	X
		APTD D	Anterior-Posterior Trunk Diameter (LN, 11819-0)		mm	X
		TTD D	Transverse Thoracic Diameter (LN, 11864-6)		mm	X
		APTD x TTD	APTD x TTD (99SIEMENS, APTDxTTD)		cm ²	
		TAD D	Transverse Abdominal Diameter (LN, 11862-0)		mm	X
		APAD D	Anterior-Posterior Abdominal Diameter (LN, 11818-2)		mm	X
		Nasal Bone D	Fetal Nasal bone length (LN, 53697-9)		mm	X
		Nasal Bone Angle	Facial Angle (99SIEMENS, FacialAngle)		°	X
		TA A	Thoracic Area (LN, 33068-8)		cm ²	X
		MAD MAD	Mean Abdominal Diameter (99SIEMENS, MeanAbdDiam)		cm	
X		Kidney Length D	Kidney length (99SIEMENS, Kidneylen)		mm	X
X		Kidney Width D	Kidney width (99SIEMENS, Kidneywid)		mm	X
X		Kidney AP D	Kidney thickness (99SIEMENS, Kidthic)		mm	X
		GA (BPD) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): BPD, Hadlock 1984 (LN, 11902-4)	weeks and days	
		GA (BPD) Hansmann	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Hansmann 1986 (LN, 33538-0)	weeks and days	
		GA (BPD) Jeanty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Jeanty 1984 (LN, 11905-7)	weeks and days	
		GA (BPD) Chitty (outer-inner)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD-oi, Chitty 1997 (LN, 33086-0)	weeks and days	
		GA (BPD) Chitty (outer-outer)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD-oo, Chitty 1997 (LN, 33087-8)	weeks and days	
		GA (BPD) ASUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, ASUM 2000 (99SIEMENS, GA107-01-02)	weeks and days	
		GA (BPD) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, JSUM 2003 (99SIEMENS, GA107-12-01)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (BPD) Lasser	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD (outer-inner), Lasser 1993 (99SIEMENS, GA107-14-01)	weeks and days	
		GA (BPD) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Merz 1991 (99SIEMENS, GA107-16-01)	weeks and days	
		GA (BPD) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Osaka 1983 (99SIEMENS, GA107-18-01)	weeks and days	
		GA (BPD) Rempen	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Rempen 2001 (99SIEMENS, GA107-25-01)	weeks and days	
		GA (BPD) Verburg (outer-outer)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD (outer-outer), Verburg 2008 (99SIEMENS, GA107-22-01)	weeks and days	
		GA (BPD) CFEF	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, CFEF 2000 (99SIEMENS, GA107-03-01)	weeks and days	
		GA (BPD) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Tokyo (99SIEMENS, GA107-20-01)	weeks and days	
		GA (BPDa) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): BPD, Hadlock 1984 (LN, 11902-4)	weeks and days	
		GA (BPDa) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Merz 1991 (99SIEMENS, GA107-16-01)	weeks and days	
		GA (BPDa) Lasser	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD (outer-inner), Lasser 1993 (99SIEMENS, GA107-14-01)	weeks and days	
		GA (BPDa) Rempen	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Rempen 2001 (99SIEMENS, GA107-25-01)	weeks and days	
		GA (BPDa) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Osaka 1983 (99SIEMENS, GA107-18-01)	weeks and days	
		GA (BPDa) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, JSUM 2003 (99SIEMENS, GA107-12-01)	weeks and days	
		GA (BPDa) ASUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, ASUM 2000 (99SIEMENS, GA107-01-02)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (BPDa) Verburg (outer-outer)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD (outer-outer), Verburg 2008 (99SIEMENS, GA107-22-01)	weeks and days	
		GA (BPDa) Jeanty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Jeanty 1984 (LN, 11905-7)	weeks and days	
		GA (BPDa) Hansmann	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Hansmann 1986 (LN, 33538-0)	weeks and days	
		GA (BPDa) Chitty (outer-inner)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD-oi, Chitty 1997 (LN, 33086-0)	weeks and days	
		GA (BPDa) Chitty (outer-outer)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD-oo, Chitty 1997 (LN, 33087-8)	weeks and days	
		GA (BPDa) CFEF	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, CFEF 2000 (99SIEMENS, GA107-03-01)	weeks and days	
		GA (BPDa) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Tokyo (99SIEMENS, GA107-20-01)	weeks and days	
		GA (HC) Chitty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HC measured, Chitty 1997 (LN, 33110-8)	weeks and days	
		GA (HC) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): HC, Hadlock 1984 (LN, 11932-1)	weeks and days	
		GA (HC) Hansmann	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HC, Hansmann 1986 (LN, 33543-0)	weeks and days	
		GA (HC) ASUM 2003	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): HC, ASUM 2003 (99SIEMENS, GA116-01-01)	weeks and days	
		GA (HC) Lasser	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HC, Lasser 1993 (99SIEMENS, GA116-14-01)	weeks and days	
		GA (HC) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HC, Merz 1991 (99SIEMENS, GA116-16-01)	weeks and days	
		GA (HC) CFEF	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HC, CFEF 2000 (99SIEMENS, GA116-03-01)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (AC) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): AC, Hadlock 1984 (LN, 11892-7)	weeks and days	
		GA (AC) ASUM 2003	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): AC, ASUM 2003 (99SIEMENS, GA102-01-01)	weeks and days	
		GA (AC) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): AC, JSUM 2003 (99SIEMENS, GA102-12-01)	weeks and days	
		GA (AC) Lasser	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): AC, Lasser 1993 (99SIEMENS, GA102-14-01)	weeks and days	
		GA (AC) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): AC, Merz 1991 (99SIEMENS, GA102-16-01)	weeks and days	
		GA (AC) CFEF	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): AC, CFEF 2000 (99SIEMENS, GA102-03-01)	weeks and days	
		GA (AC) Chitty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): AC, Chitty 1994 (99SIEMENS, GA102-05-01)	weeks and days	
		GA (FL) Chitty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, Chitty 1997 (LN, 33098-5)	weeks and days	
		GA (FL) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): FL, Hadlock 1984 (LN, 11920-6)	weeks and days	
		GA (FL) Jeanty	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): FL, Jeanty 1984 (LN, 11923-0)	weeks and days	
		GA (FL) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, Tokyo 1986 (LN, 33103-3)	weeks and days	
		GA (FL) ASUM 2003	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): FL, ASUM 2003 (99SIEMENS, GA112-01-01)	weeks and days	
		GA (FL) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, JSUM 2003 (99SIEMENS, GA112-12-01)	weeks and days	
		GA (FL) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, Merz 1991 (99SIEMENS, GA112-16-01)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (FL) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, Osaka 1983 (99SIEMENS, GA112-18-01)	weeks and days	
		GA (FL) WARDA	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): FL, Warda (99SIEMENS, GA112-23-01)	weeks and days	
		GA (FL) CFEF	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, CFEF 2000 (99SIEMENS, GA112-03-01)	weeks and days	
		GA (Foot) Mercer	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): Foot Length, Mercer 1987 (LN, 11926-3)	weeks and days	
		GA (OFD) ASUM	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): OFD, ASUM 2003 (99SIEMENS, GA119-01-01)	weeks and days	
		GA (OFD) Chitty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): OFD, Chitty 1994 (99SIEMENS, GA119-05-01)	weeks and days	
		GA (FTA) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FTA, Osaka 1983 (99SIEMENS, GA114-18-01)	weeks and days	
		GA (APTD x TTD) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): APTDxTTD, Tokyo (99SIEMENS, GA105-20-01)	weeks and days	
		GA (TAD) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): ATD, Merz 1996 (99SIEMENS, GR138-16-01)	weeks and days	
		GA (APAD) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): APAD, Merz 1996 (99SIEMENS, GR137-16-01)	weeks and days	
		Growth (BPD) Chitty(O-I)	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): BPD outer-inner by GA, Chitty 1994 (LN, 33556-2)	%	
		Growth (BPD) Chitty(O-O)	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): BPD outer-outer by GA, Chitty 1994 (LN, 33152-0)	%	
		Growth (BPD) Hadlock	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): BPD by GA, Hadlock 1984 (LN, 33198-3)	%	
		Growth (BPD) Rempen	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Rempen 1991 (LN, 33155-3)	%	
		Growth (BPD) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, CFEF 2000 (99SIEMENS, GR107-03-01)	%	
		Growth (BPD) Grumbach (twins)	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Grumbach 1986 (twin) (99SIEMENS, GR107-07-01)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (BPD) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Hansmann 1986 (99SIEMENS, GR107-09-01)	%	
		Growth (BPD) Lasser	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): BPD by GA, Lasser 1993 (99SIEMENS, GR107-14-01)	%	
		Growth (BPD) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Merz 1996 (99SIEMENS, GR107-16-01)	%	
		Growth (BPD) Nicolaidis	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Nicolaidis 1994 (99SIEMENS, GR107-17-01)	%	
		Growth (BPD) Osaka	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Osaka 1983 (99SIEMENS, GR107-18-01)	%	
		Growth (BPD) Verburg	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Verburg 2008 (99SIEMENS, GR107-22-01)	%	
		Growth (BPD) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR107-29-01)	%	
		Growth (BPD) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, ASUM 2000 (99SIEMENS, GR107-01-02)	%	
		Growth (BPD) JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, JSUM 2003 (99SIEMENS, GR107-12-01)	%	
		Growth (BPD) Tokyo	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Tokyo (99SIEMENS, GR107-20-01)	%	
		Growth (HC) Hadlock	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): HC by GA, Hadlock 1984 (LN, 33173-6)	%	
		Growth (HC) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, CFEF 2000 (99SIEMENS, GR116-03-01)	%	
		Growth (HC) Chitty	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): HC by GA, Chitty 1994 (99SIEMENS, GR116-05-01)	%	
		Growth (HC) Deter	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): HC by GA, Deter 1982 (99SIEMENS, GR116-06-01)	%	
		Growth (HC) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, Hansmann 1986 (99SIEMENS, GR116-09-01)	%	
		Growth (HC) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, Merz 1996 (99SIEMENS, GR116-16-01)	%	
		Growth (HC) Nicolaidis	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, Nicolaidis 1994 (99SIEMENS, GR116-17-01)	%	
		Growth (HC) Verburg	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, Verburg 2008 (99SIEMENS, GR116-22-01)	%	
		Growth (HC) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR116-29-01)	%	
		Growth (HC) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, ASUM 2000 (99SIEMENS, GR116-01-02)	%	
		Growth (AC) Chitty	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): AC (measured) by GA, Chitty 1994 (LN, 33147-0)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (AC) Hadlock	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): AC by GA, Hadlock 1984 (LN, 33146-2)	%	
		Growth (AC) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, CFEF 2000 (99SIEMENS, GR102-03-01)	%	
		Growth (AC) Deter	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): AC by GA, Deter 1982 (99SIEMENS, GR102-06-01)	%	
		Growth (AC) Grumbach (twins)	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, Grumbach 1986 (twin) (99SIEMENS, GR102-07-01)	%	
		Growth (AC) Jeanty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, Jeanty 1984 (99SIEMENS, GR102-11-01)	%	
		Growth (AC) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, Merz 1996 (99SIEMENS, GR102-16-01)	%	
		Growth (AC) Nicolaidis	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, Nicolaidis 1994 (99SIEMENS, GR102-17-01)	%	
		Growth (AC) Verburg	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, Verburg 2008 (99SIEMENS, GR102-22-01)	%	
		Growth (AC) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR102-29-01)	%	
		Growth (AC) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, ASUM 2000 (99SIEMENS, GR102-01-02)	%	
		Growth (AC) JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, JSUM 2003 (99SIEMENS, GR102-12-01)	%	
		Growth (APTD x TTD) Tokyo	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): APTDxTTD by GA, Tokyo (99SIEMENS, GR105-20-01)	%	
		Growth (APTD x TTD) JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): APTDxTTD by GA, JSUM 2003 (99SIEMENS, GR105-12-01)	%	
		Growth (FL) Chitty	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): FL by GA, Chitty 1994 (LN, 33167-8)	%	
		Growth (FL) Hadlock	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): FL by GA, Hadlock 1984 (LN, 33166-0)	%	
		Growth (FL) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, CFEF 2000 (99SIEMENS, GR112-03-01)	%	
		Growth (FL) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Hansmann 1986 (99SIEMENS, GR112-09-01)	%	
		Growth (FL) Jeanty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Jeanty 1984 (99SIEMENS, GR112-11-01)	%	
		Growth (FL) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Merz 1991 (99SIEMENS, GR112-16-01)	%	
		Growth (FL) Nicolaidis	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Nicolaidis 1994 (99SIEMENS, GR112-17-01)	%	
		Growth (FL) Tokyo	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Tokyo (99SIEMENS, GR112-20-01)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (FL) Verburg	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Verburg 2008 (99SIEMENS, GR112-22-01)	%	
		Growth (FL) WARDA	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): FL by GA, Warda 1985 (99SIEMENS, GR112-23-01)	%	
		Growth (FL) Osaka	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): FL by GA, Osaka 1983 (99SIEMENS, GR112-18-01)	%	
		Growth (FL) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR112-29-01)	%	
		Growth (FL) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, ASUM 1998 (99SIEMENS, GR112-01-02)	%	
		Growth (FL) JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, JSUM 2003 (99SIEMENS, GR112-12-01)	%	
		Growth (FTA) Osaka	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FTA by GA, Osaka 1983 (99SIEMENS, GR114-18-01)	%	
		Growth (Foot) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Foot by GA, Chitty 2002 (99SIEMENS, GR113-05-01)	%	
		Growth (Foot) Mercer	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Foot by GA, Mercer 1987 (99SIEMENS, GR113-15-01)	%	
		Growth (OFD) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): OFD by GA, Chitty 1994 (LN, 33179-3)	%	
		Growth (OFD) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): OFD by GA, Hansmann 1986 (99SIEMENS, GR119-09-01)	%	
		Growth (OFD) Nicolaidis	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): OFD by GA, Nicolaidis 1994 (99SIEMENS, GR119-17-01)	%	
		Growth (OFD) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): OFD by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR119-29-01)	%	
		Growth (OFD) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): OFD by GA, ASUM 2000 (99SIEMENS, GR119-01-02)	%	
		Growth (TC) Chitkara	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TC by GA, Chitkara 1987 (99SIEMENS, GR122-04-01)	%	
		SD (BPD) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Hansmann		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Chitty (outer-inner)		2 Sigma deviation of population (DCM, 121417)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SD (BPD) Chitty (outer-outer)		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) ASUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) JSUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Lasser		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Merz		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Rempen		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Verburg (outer-outer)		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Merz		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Lasser		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) ASUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Rempen		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) JSUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Verburg (outer-outer)		2 Sigma deviation of population (DCM, 121417)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SD (BPDa) Hansmann		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Chitty (outer-inner)		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Chitty (outer-outer)		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (HC) Chitty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (HC) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (HC) Hansmann		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (HC) Lasser		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (HC) Merz		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (AC) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (AC) JSUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (AC) Lasser		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (AC) Merz		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (AC) Chitty		2 Sigma deviation of population (DCM, 121417)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SD (FL) Chitty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) JSUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) Tokyo		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) Merz		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) WARDA		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (Foot) Mercer		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (OFD) Chitty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (APTD x TTD) Tokyo		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		BPDa	BPD area corrected (LN, 11824-0)		mm	
X		Kidney Volume	Fetal Kidney Volume (99SIEMENS, FetalKidneyVol)		mL	
		Growth (MAD) Kurmanavicius	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): MAD by GA, Kurmanavicius 1997 (99SIEMENS, GR118-13-01)	%	
		Growth (TAD) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TAD by GA, CFEF 2000 (99SIEMENS, GR121-03-01)	%	

9.1.7 Fetal Long Bones

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Long Bones	Container : Fetal Long Bones (DCM, 125003)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Biometry Group	Container : Biometry Group (DCM, 125005)			
		HL D	Humerus length (LN, 11966-9)		mm	X
		Ulna D	Ulna length (LN, 11969-3)		mm	X
		Tibia D	Tibia length (LN, 11968-5)		mm	X
		Clavicle D	Clavicle length (LN, 11962-8)		mm	X
		Fibula D	Fibula length (LN, 11964-4)		mm	X
		Radius D	Radius length (LN, 11967-7)		mm	X
		GA (HL) Jeanty	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): Humerus, Jeanty 1984 (LN, 11936-2)	weeks and days	
		GA (HL) ASUM 2003	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): HL, ASUM 2003 (99SIEMENS, GA117-01-01)	weeks and days	
		GA (HL) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HL, Osaka 1983 (99SIEMENS, GA117-18-01)	weeks and days	
		GA (Ulna) Jeanty	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): Ulna, Jeanty 1984 (LN, 11944-6)	weeks and days	
		GA (Tibia) Jeanty	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): Tibia, Jeanty 1984 (LN, 11941-2)	weeks and days	
		GA (Clavicle) Yarkoni	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): Clavicle length, Yarkoni 1985 (LN, 33088-6)	weeks and days	
		Growth (Clavicle) Yarkoni	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): Clavicle by GA, Yarkoni 1985 (99SIEMENS, GR110-24-01)	%	
		Growth (HL) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, Chitty 2002 (99SIEMENS, GR117-05-01)	%	
		Growth (HL) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, Hansmann 1986 (99SIEMENS, GR117-09-01)	%	
		Growth (HL) Jeanty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, Jeanty 1984 (99SIEMENS, GR117-11-01)	%	
		Growth (HL) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, Merz 1996 (99SIEMENS, GR117-16-01)	%	
		Growth (HL) Osaka	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, Osaka 1983 (99SIEMENS, GR117-18-01)	%	
		Growth (HL) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, ASUM 2000 (99SIEMENS, GR117-01-02)	%	
		Growth (Tibia) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Tibia by GA, Chitty 2002 (99SIEMENS, GR123-05-01)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (Tibia) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Tibia by GA, Hansmann 1986 (99SIEMENS, GR123-09-01)	%	
		Growth (Tibia) Jeanty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Tibia by GA, Jeanty 1984 (99SIEMENS, GR123-11-01)	%	
		Growth (Tibia) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Tibia by GA, Merz 1996 (99SIEMENS, GR123-16-01)	%	
		Growth (Ulna) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Ulna by GA, Chitty 2002 (99SIEMENS, GR124-05-01)	%	
		Growth (Ulna) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Ulna by GA, Hansmann 1986 (99SIEMENS, GR124-09-01)	%	
		Growth (Ulna) Jeanty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Ulna by GA, Jeanty 1984 (99SIEMENS, GR124-11-01)	%	
		Growth (Ulna) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Ulna by GA, Merz 1996 (99SIEMENS, GR124-16-01)	%	
		SD (HL) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (Ulna) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (Tibia) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (Clavicle) Yarkoni		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		Growth (Radius) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Radius by GA Chitty 2002 (99SIEMENS, GR148-05-01)	%	
		Growth (Fibula) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Fibula by GA, Chitty 2002 (99SIEMENS, GR140-05-01)	%	

9.1.8 Fetal Cranium

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Cranium	Container : Fetal Cranium (DCM, 125004)			
		Biometry Group	Container : Biometry Group (DCM, 125005)			
		HW D	Width of Hemisphere (LN, 12170-7)		mm	X
		Cerebellum D	Trans Cerebellar Diameter (LN, 11863-8)		mm	X
		Lat Vent D	Lateral Ventricle width (LN, 12171-5)		mm	X
		Cist Magna D	Cisterna Magna length (LN, 11860-4)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Binoc D D	Outer Orbital Diameter (LN, 11629-3)		mm	X
		Nuchal Thickness D	Nuchal Fold thickness (LN, 12146-7)		mm	X
		LV-A D	Anterior Horn Lateral ventricular width (LN, 33197-5)		mm	X
		LV-P D	Posterior Horn Lateral ventricular width (LN, 33196-7)		mm	X
		CSP D	Cavum septi pellucidi (SRT, T-A1630)		mm	X
		IOD D	Inner Orbital Diameter (LN, 33070-4)		mm	X
		Intra Trans D	Intracranial Transulency (99SIEMENS, IntraTrans)		mm	X
		GA (Binoc D) Jeanty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Binocular Distance, Jeanty 1984 (LN, 11896-8)	weeks and days	
		GA (Binoc D) Tongsong	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): Binocular Distance, Tongsong 1992 (99SIEMENS, GA106-21-01)	weeks and days	
		Growth (LV-A) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Ant CV by GA, Nicolaides 1994 (99SIEMENS, GR103-17-01)	%	
		Growth (Cist Magna) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Cisterna Magna by GA, Nicolaides 1994 (99SIEMENS, GR109-17-01)	%	
		Growth (LV-P) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Post CV by GA, Nicolaides 1994 (99SIEMENS, GR120-17-01)	%	
		Growth (Cerebellum) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TCD by GA, Nicolaides 1994 (99SIEMENS, GR108-17-01)	%	
		Growth (Cerebellum) Verburg	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TCD by GA, Verburg 2008 (99SIEMENS, GR108-22-01)	%	
		Growth (Cerebellum) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TCD by GA, CFEF 2003 (99SIEMENS, GR108-03-01)	%	
		SD (Binoc D) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (Binoc D) Tongsong		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		GA (Cerebellum) Hill	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): TCD, Hill 1990 (LN, 33134-8)	weeks and days	
		SD (TCD) Hill		2 Sigma deviation of population (DCM, 121417)	weeks and days	

9.1.9 Early Gestation

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Early Gestation	Container : Early Gestation (DCM, 125009)			
		Biometry Group	Container : Biometry Group (DCM, 125005)			
		Nuchal Translucency D	Nuchal Translucency (LN, 33069-6)		mm	X
		CRL D	Crown Rump Length (LN, 11957-8)		mm	X
		Yolk Sac D	Yolk Sac length (LN, 11816-6)		mm	X
		Mean Sac Diam D	Mean Sac Diameter (99SIEMENS, MeanSacDiam)		mm	X
		Mean Sac Diam D1	Gestational Sac Diameter (LN, 11850-5)		mm	X
		Mean Sac Diam D2	Gestational Sac Diameter (LN, 11850-5)		mm	X
		Mean Sac Diam D3	Gestational Sac Diameter (LN, 11850-5)		mm	X
		GSD D	Gestational Sac Diameter (LN, 11850-5)		mm	X
		GA (CRL) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): CRL, Hadlock 1992 (LN, 11910-7)	weeks and days	
		GA (CRL) Hansmann	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): CRL, Hansmann 1986 (LN, 33540-6)	weeks and days	
		GA (CRL) Robinson	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): CRL, Robinson 1975 (LN, 11914-9)	weeks and days	
		GA (CRL) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): CRL, Tokyo 1986 (LN, 33096-9)	weeks and days	
		GA (CRL) ASUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): CRL, ASUM 2003 (99SIEMENS, GA111-01-02)	weeks and days	
		GA (CRL) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): CRL, JSUM 2003 (99SIEMENS, GA111-12-01)	weeks and days	
		GA (CRL) Lasser	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): CRL, Lasser 1993 (99SIEMENS, GA111-14-01)	weeks and days	
		GA (CRL) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): CRL, Osaka 1983 (99SIEMENS, GA111-18-01)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (CRL) Rempen	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): CRL, Rempen 2001 (99SIEMENS, GA111-25-01)	weeks and days	
		GA (CRL) Verburg	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): CRL, Verburg 2008 (99SIEMENS, GA111-22-01)	weeks and days	
		GA (CRL) INTERGROWTH-21st	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): CRL, INTERGROWTH-21st 2014 (99SIEMENS, GA111-29-01)	weeks and days	
		GA (Mean Sac Diam) Rempen	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): MSD, Rempen 1991 (99SIEMENS, GA136-25-01)	weeks and days	
		GA (Mean Sac Diam) Hellman	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): MSD, Hellman 1969 (99SIEMENS, GA136-10-01)	weeks and days	
		GA (GSD) Rempen	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): GS, Rempen 1991 (LN, 11929-7)	weeks and days	
		GA (GSD) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): GS, Tokyo 1986 (LN, 33108-2)	weeks and days	
		GA (GSD) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): GS, Osaka 1983 (99SIEMENS, GR115-18-01)	weeks and days	
		Growth (CRL) Rempen	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CRL by GA, Rempen 1991 (LN, 33160-3)	%	
		Growth (CRL) Hadlock	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): CRL by GA, Hadlock 1982 (99SIEMENS, GR111-08-01)	%	
		Growth (CRL) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CRL by GA, Hansmann 1986 (99SIEMENS, GR111-09-01)	%	
		Growth (CRL) Osaka	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CRL by GA, Osaka 1983 (99SIEMENS, GR111-18-01)	%	
		Growth (CRL) Robinson	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): CRL by GA, Robinson 1975 (99SIEMENS, GR111-19-01)	%	
		Growth (CRL) Tokyo	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CRL by GA, Tokyo (99SIEMENS, GR111-20-01)	%	
		Growth (CRL) Pexsters	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CRL by GA, Pexsters 2010 (99SIEMENS, GR111-28-01)	%	
		Growth (CRL) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CRL by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR111-29-01)	%	
		Growth (CRL) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CRL by GA, ASUM 2000 (99SIEMENS, GR111-01-02)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (CRL) JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CRL by GA, JSUM 2003 (99SIEMENS, GR111-12-01)	%	
		Growth (GSD) Rempen	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): GS by GA, Rempen 1991 (LN, 33171-0)	%	
		Growth (GSD) Hellman	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): GS by GA, Hellman 1969 (99SIEMENS, GR115-10-01)	%	
		Growth (GSD) Tokyo	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): GS by GA, Tokyo (99SIEMENS, GR115-20-01)	%	
		Growth (GSD) Osaka	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): GS by GA, Osaka 1983 (99SIEMENS, GR115-18-01)	%	
		Growth (Mean Sac Diam) Rempen	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): MSD by GA, Rempen 1991 (99SIEMENS, GR136-25-01)	%	
		Growth (Mean Sac Diam) Hellman	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): MSD by GA, Hellman 1969 (99SIEMENS, GR136-10-01)	%	
		SD (CRL) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (CRL) Hansmann		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (CRL) Robinson		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (CRL) JSUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (CRL) Lasser		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (CRL) Rempen		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (CRL) Verburg		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (CRL) INTERGROWTH- 21st		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (Mean Sac Diam) Rempen		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (GSD) Rempen		2 Sigma deviation of population (DCM, 121417)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SD (GSD) Tokyo		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (GSD) Osaka		2 Sigma deviation of population (DCM, 121417)	weeks and days	

9.1.10 Amniotic Sac

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Amniotic Sac	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Amniotic Sac (SRT, T-F1300)		
		AFI	Amniotic Fluid Index (LN, 11627-7)		mm	X
		Q1 D	First Quadrant Diameter (LN, 11624-4)		mm	X
		Q1 D	First Quadrant Diameter (LN, 11624-4)		mm	X
		Q1 D	First Quadrant Diameter (LN, 11624-4)		mm	X
		Q2 D	Second Quadrant Diameter (LN, 11626-9)		mm	X
		Q2 D	Second Quadrant Diameter (LN, 11626-9)		mm	X
		Q2 D	Second Quadrant Diameter (LN, 11626-9)		mm	X
		Q3 D	Third Quadrant Diameter (LN, 11625-1)		mm	X
		Q3 D	Third Quadrant Diameter (LN, 11625-1)		mm	X
		Q3 D	Third Quadrant Diameter (LN, 11625-1)		mm	X
		Q4 D	Fourth Quadrant Diameter (LN, 11623-6)		mm	X
		Q4 D	Fourth Quadrant Diameter (LN, 11623-6)		mm	X
		Q4 D	Fourth Quadrant Diameter (LN, 11623-6)		mm	X
		Growth (AFI) Moore	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AFI by GA, Moore 1990 (99SIEMENS, GR135-27-01)	%	
		Amniotic Pocket D	Diameter (SRT, M-02550)		mm	X
		Amniotic Pocket D	Diameter (SRT, M-02550)		mm	X

9.1.11 Pelvis and Uterus

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Pelvis and Uterus	Container : Pelvis and Uterus (DCM, 125011)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Cervix Len D	Cervix Length (LN, 11961-0)		mm	X
		Cervix (TA) D	Cervix Length (LN, 11961-0)		mm	X
		Cervix (EV) D	Cervix Length (LN, 11961-0)		mm	X
		Uterus	Container : Uterus (SRT, T-83000)			
		Uterine Length D	Uterus Length (LN, 11842-2)		mm	X
		Uterine Width D	Uterus Width (LN, 11865-3)		mm	X
		Uterine AP D	Uterus Height (LN, 11859-6)		mm	X
		Uterine Volume	Uterus Volume (LN, 33192-6)		mL	X
		Uterus Volume (TA)	Uterus Volume (LN, 33192-6)		mL	
		Uterus Length (TA) D	Uterus Length (LN, 11842-2)		mm	X
		Uterus AP (TA) D	Uterus Height (LN, 11859-6)		mm	X
		Uterus Width (TA) D	Uterus Width (LN, 11865-3)		mm	X
		Uterus Volume (EV)	Uterus Volume (LN, 33192-6)		mL	
		Uterus Length (EV) D	Uterus Length (LN, 11842-2)		mm	X
		Uterus AP (EV) D	Uterus Height (LN, 11859-6)		mm	X
		Uterus Width (EV) D	Uterus Width (LN, 11865-3)		mm	X
		Endometrium Thickness	Container : Endometrium Thickness (LN, 12145-9)			
		Endometrium D	Endometrium Thickness (LN, 12145-9)		mm	X
		Endo Thick (TA)	Endometrium Thickness (LN, 12145-9)		mL	X
		Endo Thick Length (TA) D	Length (SRT, G-A22A)		mm	X
		Endo Thick AP (TA) D	Height (DCM, 121207)		mm	X
		Endo Thick Width (TA) D	Width (SRT, G-A220)		mm	X
		Endo Thick (EV)	Endometrium Thickness (LN, 12145-9)		mL	X
		Endo Thick Length (EV) D	Length (SRT, G-A22A)		mm	X
		Endo Thick AP (EV) D	Height (DCM, 121207)		mm	X
		Endo Thick Width (EV) D	Width (SRT, G-A220)		mm	X

9.1.12 Ovary

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Ovary	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Ovary (SRT, T-87000)		
X		Ovary Volume (TA)	Ovary Volume (99SIEMENS, OvaryVol)		mL	
X		Ovary Length (TA) D	Ovary Length (99SIEMENS, OvaryLen)		mm	X
X		Ovary Width (TA) D	Ovary Width (99SIEMENS, OvaryWid)		mm	X
X		Ovary AP (TA) D	Ovary Height (99SIEMENS, OvaryHei)		mm	X
X		Ovary Volume (EV)	Ovary Volume (99SIEMENS, OvaryVol)		mL	
X		Ovary Length (EV) D	Ovary Width (99SIEMENS, OvaryWid)		mm	X
X		Ovary Length (EV) D	Ovary Width (99SIEMENS, OvaryWid)		mm	X
X		Ovary Width (EV) D	Left Ovary Width (LN, 11829-9)		mm	X
X		Ovary AP (EV) D	Ovary Height (99SIEMENS, OvaryHei)		mm	X

9.1.13 Ovarian Follicle

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Ovarian Follicle	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Ovarian Follicle (SRT, T-87600)		
X		Follicle [1]-[15] D1	Distance 1 (99SIEMENS, Distance1)		mm	X
X		Follicle [1]-[15] D2	Distance 2 (99SIEMENS, Distance2)		mm	X
X		Follicle [1]-[15] D3	Distance 3 (99SIEMENS, Distance3)		mm	X
X		Follicle [1]-[15] D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)		mm	
X		Follicle [1]-[15] D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)		mm	
X		Follicle [1]-[15] C	Circumference (SRT, M-02560)		mm	X
X		Follicle [1]-[15] A	Area (SRT, G-A166)		cm ²	X
X		Follicle [1]-[15] V	Volume (SRT, G-D705)		cm ³	X
X		Follicle [1]-[15] D	Follicle Diameter (LN, 11793-7)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Follicle [1]-[15] D1	Distance 1 of Volume (99SIEMENS, VolumeD1)		mm	
X		Follicle [1]-[15] D2	Distance 2 of Volume (99SIEMENS, VolumeD2)		mm	
X		Follicle [1]-[15] D3	Distance 3 of Volume (99SIEMENS, VolumeD3)		mm	

9.1.14 Embryonic Vascular Structure

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Embryonic Vascular Structure	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Embryonic Vascular Structure (SRT, T-F6800)		
		Umbilical Artery	Container : Umbilical Artery (SRT, T-F1810)			
		Umb A D	Diameter (SRT, M-02550)		mm	X
		Umb A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
		Umb A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
		Umb A FV	Volume Flow (LN, 33878-0)		L/min	X
		Umb A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
		Umb A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
		Umb A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
		Umb A FV	Volume Flow (LN, 33878-0)		L/min	X
		Umb A Vel	Flow Velocity (DCM, 110828)		cm/s	X
		Umb A PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Umb A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	X
		Umb A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	X
		Umb A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			X
		Umb A RI	Resistivity Index (LN, 12023-8)			X
		Umb A PI	Pulsatility Index (LN, 12008-9)			X
		Umb A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	X
		Umb A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	X
		Umb A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	X
		Umb A Mean TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	X
		Umb A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			X
		Umb A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Umb A PI JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Umbilical Artery PI by GA JSUM 2001 (99SIEMENS, GR133-12-02)	%	
		Umb A RI JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Umbilical Artery RI by GA JSUM 2003 (99SIEMENS, GR134-12-02)	%	
		Ductus venosus	Container : Ductus venosus (SRT, T-F6806)			
		Ductus V All A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
		Ductus V All TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
		Ductus V All FV	Volume Flow (LN, 33878-0)		L/min	X
		Ductus V All D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
		Ductus V All A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
		Ductus V All TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
		Ductus V All FV	Volume Flow (LN, 33878-0)		L/min	X
		Ductus V All Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Ductus V All PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Ductus V All PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	X
		Ductus V All ED	End Diastolic Velocity (LN, 11653-3)		cm/s	X
		Ductus V All SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			X
		Ductus V All RI	Resistivity Index (LN, 12023-8)			X
		Ductus V All PI	Pulsatility Index (LN, 12008-9)			X
		Ductus V All TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	X
		Ductus V All TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	X
		Ductus V All MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	X
		Ductus V All Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	X
		Ductus V All PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			X
		Ductus V All PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			X
		Ductus V All VTI	Velocity Time Integral (LN, 20354-7)		cm	X
		Ductus V All Vmax	Blood velocity, peak (DCM, 122207)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Ductus V All Vmean	Blood velocity, mean (DCM, 122205)		cm/s	X
		Ductus V All PGmax	Peak Gradient (LN, 20247-3)		mmHg	X
		Ductus V All PGmean	Mean Gradient (LN, 20256-4)		mmHg	X
		Ductus V All AT	Acceleration Time (LN, 20168-1)		ms	X
		Ductus V All ET	Ejection Time (LN, 20222-6)		ms	X
		Ductus V S Vel	Systolic blood velocity, peak (DCM, 122204)		cm/s	X
		Ductus V S PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Ductus V A Vel	A-Wave Peak Velocity (LN, 59081-0)		cm/s	X
		Ductus V A PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Ductus V D Vel	Diastolic blood velocity, peak (DCM, 122202)		cm/s	X
		Ductus V D PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Ductus V PLI	Ductus Venous Preload Index (99SIEMENS, DuctusVPLI)			X
		Ductus V S/a	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Ductus V PVIV	Ductus Venous Peak velocity index for veins (99SIEMENS, DuctusVPVIV)			X
		Middle Cerebral Artery	Container : Middle Cerebral Artery (SRT, T-45600)			
X		MCA PI JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): MCA PI by GA JSUM 2003 (99SIEMENS, GR146-12-01)	%	
X		MCA RI JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): MCA RI by GA JSUM 2003 (99SIEMENS, GR147-12-01)	%	
X		MCA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		MCA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		MCA FV	Volume Flow (LN, 33878-0)		L/min	X
X		MCA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		MCA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		MCA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		MCA FV	Volume Flow (LN, 33878-0)		L/min	X
X		MCA Vel	Flow Velocity (DCM, 110828)		cm/s	X
X		MCA PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		MCA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	X
X		MCA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		MCA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			X
X		MCA RI	Resistivity Index (LN, 12023-8)			X
X		MCA PI	Pulsatility Index (LN, 12008-9)			X
X		MCA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	X
X		MCA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	X
X		MCA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	X
X		MCA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	X
X		MCA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			X
X		MCA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			X
X		MCA Accel	Acceleration Index (LN, 20167-3)		m/s ²	X
X		MCA T	Acceleration Time (LN, 20168-1)		ms	X
X		MCA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	X
		Aorta	Container : Aorta (SRT, T-42000)			
		Aorta ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		Aorta Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Aorta PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Aorta PI	Pulsatility Index (LN, 12008-9)			
		Aorta RI	Resistivity Index (LN, 12023-8)			
		Aorta SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Aorta D	Diameter (SRT, M-02550)		mm	X
		Aorta TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		Aorta TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		Aorta MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		Aorta Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		Aorta PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		Aorta PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		Aorta PG	Pressure Gradient (SRT, F-023F7)		mmHg	X

9.1.15 Pelvic Vascular Structure

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Pelvic Vascular Structure	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Pelvic Vascular Structure (SRT, T-D6007)		
		Uterine Artery	Container : Uterine Artery (SRT, T-46820)			
X		Uterine A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Uterine A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Uterine A FV	Volume Flow (LN, 33878-0)		L/min	X
X		Uterine A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Uterine A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Uterine A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Uterine A FV	Volume Flow (LN, 33878-0)		L/min	X
X		Uterine A Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		Uterine A PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Uterine A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	X
X		Uterine A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	X
X		Uterine A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			X
X		Uterine A RI	Resistivity Index (LN, 12023-8)			X
X		Uterine A PI	Pulsatility Index (LN, 12008-9)			X
X		Uterine A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	X
X		Uterine A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	X
X		Uterine A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	X
X		Uterine A Mean TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	X
X		Uterine A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			X
X		Uterine A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			X
X		Uterine A Accel	Acceleration Index (LN, 20167-3)		m/s ²	X
X		Uterine A T	Acceleration Time (LN, 20168-1)		ms	X
X		Uterine A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	X
X		Uterine A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Uterine A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Uterine A FV	Volume Flow (LN, 33878-0)		L/min	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Uterine A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Uterine A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		Uterine A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Uterine A FV	Volume Flow (LN, 33878-0)		L/min	X
X		Uterine A Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		Uterine A PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Uterine A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	X
X		Uterine A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	X
X		Uterine A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			X
X		Uterine A RI	Resistivity Index (LN, 12023-8)			X
X		Uterine A PI	Pulsatility Index (LN, 12008-9)			X
X		Uterine A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	X
X		Uterine A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	X
X		Uterine A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	X
X		Uterine A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	X
X		Uterine A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			X
X		Uterine A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			X
X		Uterine A Accel	Acceleration Index (LN, 20167-3)		m/s²	X
X		Uterine A T	Acceleration Time (LN, 20168-1)		ms	X
X		Uterine A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	X
X		Uterine A PI Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Uterus Artery PI by GA Merz 2005 (99SIEMENS, GR150-16-01)	%	
X		Uterine A PI Schaffer	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Uterus Artery PI by GA Schaffer 1998 (99SIEMENS, GR150-34-01)	%	
X		Uterine A RI Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Uterus Artery RI by GA Merz 2005 (99SIEMENS, GR153-16-01)	%	
X		Uterine A RI Schaffer	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): Uterus Artery RI by GA Schaffer 1998 (99SIEMENS, GR153-34-01)	%	
		Ovarian Artery	Container : Ovarian Artery (SRT, T-46980)			
X		Ovarian A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		Ovarian A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Ovarian A FV	Volume Flow (LN, 33878-0)		L/min	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Ovarian A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Ovarian A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Ovarian A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Ovarian A FV	Volume Flow (LN, 33878-0)		L/min	X
X		Ovarian A Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		Ovarian A PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Ovarian A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	X
X		Ovarian A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	X
X		Ovarian A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			X
X		Ovarian A RI	Resistivity Index (LN, 12023-8)			X
X		Ovarian A PI	Pulsatility Index (LN, 12008-9)			X
X		Ovarian A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	X
X		Ovarian A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	X
X		Ovarian A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	X
X		Ovarian A Mean TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	X
X		Ovarian A PI TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			X
X		Ovarian A PI MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			X
X		Ovarian A Accel	Acceleration Index (LN, 20167-3)		m/s ²	X
X		Ovarian A T	Acceleration Time (LN, 20168-1)		ms	X
X		Ovarian A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	X
		Ovarian Vein	Container : Ovarian Vein (SRT, T-48780)			
X		Ovarian V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		Ovarian V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X

9.1.16 Bladder

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Bladder	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Bladder (SRT, T-74000)		
		Bladder neck descent at rest	Container : Bladder neck descent at rest (SCT, 251998001)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		BND Rest D	Distance (DCM, 121206)		mm	X
		Bladder neck descent on stress	Container : Bladder neck descent on stress (SCT, 251999009)			
		BND Stress D	Distance (DCM, 121206)		mm	X
		Bladder desc.max	Container : Bladder desc.max (99SIEMENS, Bladderdescmax)			
		Bladder desc.max D	Distance (DCM, 121206)		mm	X
		Bladder Length D	Length (SRT, G-A22A)		mm	X
		Bladder Width D	Width (SRT, G-A220)		mm	X
		Bladder AP D	Height (DCM, 121207)		mm	X
		Residual Urine (Haylen) Haylen	Residual urinary volume after voiding(Haylen) (99SIEMENS, ResUriVolHaylen)		mL	
		Residual Urine (Dietz) Dietz	Residual urinary volume after voiding(Dietz) (99SIEMENS, ResUriVolDietz)		mL	
		Residual Urine (Dicuio) Dicuio	Residual urinary volume after voiding(Dicuio) (99SIEMENS, ResUriVolDicuio)		mL	
		Micturated Volume	Micturated Volume (99SIEMENS, MicturatedVol)		mL	
		Prior to voiding	Container : Prior to voiding (DCM, 109134)			
		PreVoid Bladder Vol	Volume (SRT, G-D705)		mL	
		PreVoid Bladder Length D	Length (SRT, G-A22A)		mm	X
		PreVoid Bladder AP D	Height (DCM, 121207)		mm	X
		PreVoid Bladder Width D	Width (SRT, G-A220)		mm	X
		Post voiding	Container : Post voiding (DCM, 109135)			
		PostVoid Bladder Vol	Volume (SRT, G-D705)		mL	
		PostVoid Bladder Length D	Length (SRT, G-A22A)		mm	X
		PostVoid Bladder AP D	Height (DCM, 121207)		mm	X
		PostVoid Bladder Width D	Width (SRT, G-A220)		mm	X

9.1.17 Kidney

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Kidney	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Kidney (SRT, T-71000)		
X		Kidney Length D	Length (SRT, G-A22A)		mm	X
X		Kidney Width D	Width (SRT, G-A220)		mm	X
X		Kidney AP D	Height (DCM, 121207)		mm	X
X		Kidney Volume	Volume (SRT, G-D705)		mL	

9.1.18 Cyst

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Cyst	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Cyst (SRT, M-3340A)		
X		Cyst 1 D	Distance (DCM, 121206)		mm	X
X		Cyst 1 D1	Length (SRT, G-A22A)		cm	X
X		Cyst 1 D3	Width (SRT, G-A220)		cm	X
X		Cyst 1 D2	Height (DCM, 121207)		cm	X
X		Cyst 1 V	Volume (SRT, G-D705)		cm ³	
X		Cyst 2 D	Distance (DCM, 121206)		mm	X
X		Cyst 2 D1	Length (SRT, G-A22A)		cm	X
X		Cyst 2 D3	Width (SRT, G-A220)		cm	X
X		Cyst 2 D2	Height (DCM, 121207)		cm	X
X		Cyst 2 V	Volume (SRT, G-D705)		cm ³	
X		Cyst 3 D	Distance (DCM, 121206)		mm	X
X		Cyst 3 D1	Length (SRT, G-A22A)		cm	X
X		Cyst 3 D3	Width (SRT, G-A220)		cm	X
X		Cyst 3 D2	Height (DCM, 121207)		cm	X
X		Cyst 3 V	Volume (SRT, G-D705)		cm ³	
X		Cyst 4 D	Distance (DCM, 121206)		mm	X
X		Cyst 4 D1	Length (SRT, G-A22A)		cm	X
X		Cyst 4 D3	Width (SRT, G-A220)		cm	X
X		Cyst 4 D2	Height (DCM, 121207)		cm	X
X		Cyst 4 V	Volume (SRT, G-D705)		cm ³	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Cyst 5 D	Distance (DCM, 121206)		mm	X
X		Cyst 5 D1	Length (SRT, G-A22A)		cm	X
X		Cyst 5 D3	Width (SRT, G-A220)		cm	X
X		Cyst 5 D2	Height (DCM, 121207)		cm	X
X		Cyst 5 V	Volume (SRT, G-D705)		cm ³	

9.1.19 Mass

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Mass	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Mass (SRT, M-03000)		
X		Mass 1 D	Distance (DCM, 121206)		mm	X
X		Mass 1 D1	Length (SRT, G-A22A)		cm	X
X		Mass 1 D3	Width (SRT, G-A220)		cm	X
X		Mass 1 D2	Height (DCM, 121207)		cm	X
X		Mass 1 V	Volume (SRT, G-D705)		cm ³	
X		Mass 2 D	Distance (DCM, 121206)		mm	X
X		Mass 2 D1	Length (SRT, G-A22A)		cm	X
X		Mass 2 D3	Width (SRT, G-A220)		cm	X
X		Mass 2 D2	Height (DCM, 121207)		cm	X
X		Mass 2 V	Volume (SRT, G-D705)		cm ³	
X		Mass 3 D	Distance (DCM, 121206)		mm	X
X		Mass 3 D1	Length (SRT, G-A22A)		cm	X
X		Mass 3 D3	Width (SRT, G-A220)		cm	X
X		Mass 3 D2	Height (DCM, 121207)		cm	X
X		Mass 3 V	Volume (SRT, G-D705)		cm ³	
X		Mass 4 D	Distance (DCM, 121206)		mm	X
X		Mass 4 D1	Length (SRT, G-A22A)		cm	X
X		Mass 4 D3	Width (SRT, G-A220)		cm	X
X		Mass 4 D2	Height (DCM, 121207)		cm	X
X		Mass 4 V	Volume (SRT, G-D705)		cm ³	
X		Mass 5 D	Distance (DCM, 121206)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Mass 5 D1	Length (SRT, G-A22A)		cm	X
X		Mass 5 D3	Width (SRT, G-A220)		cm	X
X		Mass 5 D2	Height (DCM, 121207)		cm	X
X		Mass 5 V	Volume (SRT, G-D705)		cm ³	

9.1.20 Breast

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Breast	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Breast (SRT, T-04000)		
		Mass	Container : Mass (SRT, M-03000)			
X		Mass 1 D1	Length (SRT, G-A22A)		mm	X
X		Mass 1 D3	Width (SRT, G-A220)		mm	X
X		Mass 1 D2	Height (DCM, 121207)		mm	X
X		Mass 1 V	Volume (SRT, G-D705)		cm ³	X
X		Mass 1 D	Distance (DCM, 121206)		mm	X
X		Mass 2 D1	Length (SRT, G-A22A)		mm	X
X		Mass 2 D3	Width (SRT, G-A220)		mm	X
X		Mass 2 D2	Height (DCM, 121207)		mm	X
X		Mass 2 V	Volume (SRT, G-D705)		cm ³	X
X		Mass 2 D	Distance (DCM, 121206)		mm	X
X		Mass 3 D1	Length (SRT, G-A22A)		mm	X
X		Mass 3 D3	Width (SRT, G-A220)		mm	X
X		Mass 3 D2	Height (DCM, 121207)		mm	X
X		Mass 3 V	Volume (SRT, G-D705)		cm ³	X
X		Mass 3 D	Distance (DCM, 121206)		mm	X
X		Mass 4 D1	Length (SRT, G-A22A)		mm	X
X		Mass 4 D3	Width (SRT, G-A220)		mm	X
X		Mass 4 D2	Height (DCM, 121207)		mm	X
X		Mass 4 V	Volume (SRT, G-D705)		cm ³	X
X		Mass 4 D	Distance (DCM, 121206)		mm	X
X		Mass 5 D1	Length (SRT, G-A22A)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Mass 5 D3	Width (SRT, G-A220)		mm	X
X		Mass 5 D2	Height (DCM, 121207)		mm	X
X		Mass 5 V	Volume (SRT, G-D705)		cm ³	X
X		Mass 5 D	Distance (DCM, 121206)		mm	X
		Axillary Lymph Node	Container : Axillary Lymph Node (SRT, T-C4710)			
X		Axillary LN 1 D1	Length (SRT, G-A22A)		mm	X
X		Axillary LN 1 D3	Width (SRT, G-A220)		mm	X
X		Axillary LN 1 D2	Height (DCM, 121207)		mm	X
X		Axillary LN 1 V	Volume (SRT, G-D705)		cm ³	X
X		Axillary LN 1 D	Distance (DCM, 121206)		mm	X
X		Axillary LN 2 D1	Length (SRT, G-A22A)		mm	X
X		Axillary LN 2 D3	Width (SRT, G-A220)		mm	X
X		Axillary LN 2 D2	Height (DCM, 121207)		mm	X
X		Axillary LN 2 V	Volume (SRT, G-D705)		cm ³	X
X		Axillary LN 2 D	Distance (DCM, 121206)		mm	X
X		Axillary LN 3 D1	Length (SRT, G-A22A)		mm	X
X		Axillary LN 3 D3	Width (SRT, G-A220)		mm	X
X		Axillary LN 3 D2	Height (DCM, 121207)		mm	X
X		Axillary LN 3 V	Volume (SRT, G-D705)		cm ³	X
X		Axillary LN 3 D	Distance (DCM, 121206)		mm	X
X		Axillary LN 4 D1	Length (SRT, G-A22A)		mm	X
X		Axillary LN 4 D3	Width (SRT, G-A220)		mm	X
X		Axillary LN 4 D2	Height (DCM, 121207)		mm	X
X		Axillary LN 4 V	Volume (SRT, G-D705)		cm ³	X
X		Axillary LN 4 D	Distance (DCM, 121206)		mm	X
X		Axillary LN 5 D1	Length (SRT, G-A22A)		mm	X
X		Axillary LN 5 D3	Width (SRT, G-A220)		mm	X
X		Axillary LN 5 D2	Height (DCM, 121207)		mm	X
X		Axillary LN 5 V	Volume (SRT, G-D705)		cm ³	X
X		Axillary LN 5 D	Distance (DCM, 121206)		mm	X
		Lymph node	Container : Lymph node (SRT, T-C4000)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		LN 1 D1	Length (SRT, G-A22A)		mm	X
X		LN 1 D3	Width (SRT, G-A220)		mm	X
X		LN 1 D2	Height (DCM, 121207)		mm	X
X		LN 1 V	Volume (SRT, G-D705)		cm ³	X
X		LN 1 D	Distance (DCM, 121206)		mm	X
X		LN 2 D1	Length (SRT, G-A22A)		mm	X
X		LN 2 D3	Width (SRT, G-A220)		mm	X
X		LN 2 D2	Height (DCM, 121207)		mm	X
X		LN 2 V	Volume (SRT, G-D705)		cm ³	X
X		LN 2 D	Distance (DCM, 121206)		mm	X
X		LN 3 D1	Length (SRT, G-A22A)		mm	X
X		LN 3 D3	Width (SRT, G-A220)		mm	X
X		LN 3 D2	Height (DCM, 121207)		mm	X
X		LN 3 V	Volume (SRT, G-D705)		cm ³	X
X		LN 3 D	Distance (DCM, 121206)		mm	X
X		LN 4 D1	Length (SRT, G-A22A)		mm	X
X		LN 4 D3	Width (SRT, G-A220)		mm	X
X		LN 4 D2	Height (DCM, 121207)		mm	X
X		LN 4 V	Volume (SRT, G-D705)		cm ³	X
X		LN 4 D	Distance (DCM, 121206)		mm	X
X		LN 5 D1	Length (SRT, G-A22A)		mm	X
X		LN 5 D3	Width (SRT, G-A220)		mm	X
X		LN 5 D2	Height (DCM, 121207)		mm	X
X		LN 5 V	Volume (SRT, G-D705)		cm ³	X
X		LN 5 D	Distance (DCM, 121206)		mm	X
		Cyst	Container : Cyst (SRT, M-3340A)			
X		Cyst 1 D1	Length (SRT, G-A22A)		mm	X
X		Cyst 1 D3	Width (SRT, G-A220)		mm	X
X		Cyst 1 D2	Height (DCM, 121207)		mm	X
X		Cyst 1 V	Volume (SRT, G-D705)		cm ³	X
X		Cyst 1 D	Distance (DCM, 121206)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Cyst 2 D1	Length (SRT, G-A22A)		mm	X
X		Cyst 2 D3	Width (SRT, G-A220)		mm	X
X		Cyst 2 D2	Height (DCM, 121207)		mm	X
X		Cyst 2 V	Volume (SRT, G-D705)		cm ³	X
X		Cyst 2 D	Distance (DCM, 121206)		mm	X
X		Cyst 3 D1	Length (SRT, G-A22A)		mm	X
X		Cyst 3 D3	Width (SRT, G-A220)		mm	X
X		Cyst 3 D2	Height (DCM, 121207)		mm	X
X		Cyst 3 V	Volume (SRT, G-D705)		cm ³	X
X		Cyst 3 D	Distance (DCM, 121206)		mm	X
X		Cyst 4 D1	Length (SRT, G-A22A)		mm	X
X		Cyst 4 D3	Width (SRT, G-A220)		mm	X
X		Cyst 4 D2	Height (DCM, 121207)		mm	X
X		Cyst 4 V	Volume (SRT, G-D705)		cm ³	X
X		Cyst 4 D	Distance (DCM, 121206)		mm	X
X		Cyst 5 D1	Length (SRT, G-A22A)		mm	X
X		Cyst 5 D3	Width (SRT, G-A220)		mm	X
X		Cyst 5 D2	Height (DCM, 121207)		mm	X
X		Cyst 5 V	Volume (SRT, G-D705)		cm ³	X
X		Cyst 5 D	Distance (DCM, 121206)		mm	X
		Internal Mammary Artery	Container : Internal Mammary Artery (SRT, T-46200)			
X		Int Mammary A Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		Int Mammary A PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Int Mammary A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	X
X		Int Mammary A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	X
X		Int Mammary A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			X
X		Int Mammary A RI	Resistivity Index (LN, 12023-8)			X
X		Int Mammary A PI	Pulsatility Index (LN, 12008-9)			X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Int Mammary A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	X
X		Int Mammary A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	X
X		Int Mammary A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	X
X		Int Mammary A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	X
X		Int Mammary A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			X
X		Int Mammary A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			X
X		Int Mammary A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	X
X		Int Mammary A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	X
X		Int Mammary A V1/V2	Velocity ratio (LN, 33867-3)			X
X		Int Mammary A Accel	Acceleration Index (LN, 20167-3)		m/s ²	X
X		Int Mammary A T	Acceleration Time (LN, 20168-1)		ms	X
X		Int Mammary A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	X
X		Int Mammary A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Int Mammary A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Int Mammary A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Int Mammary A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Int Mammary A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Int Mammary A D	Diameter (SRT, M-02550)		mm	X

9.1.21 Fibroid

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fibroid	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Fibroid (99SIEMENS, Fibroid)		
X		Fibroid 1 D	Distance (DCM, 121206)		mm	X
X		Fibroid 1 D1	Length (SRT, G-A22A)		cm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Fibroid 1 D3	Width (SRT, G-A220)		cm	X
X		Fibroid 1 D2	Height (DCM, 121207)		cm	X
X		Fibroid 1 V	Volume (SRT, G-D705)		cm ³	
X		Fibroid 2 D	Distance (DCM, 121206)		mm	X
X		Fibroid 2 D1	Length (SRT, G-A22A)		cm	X
X		Fibroid 2 D3	Width (SRT, G-A220)		cm	X
X		Fibroid 2 D2	Height (DCM, 121207)		cm	X
X		Fibroid 2 V	Volume (SRT, G-D705)		cm ³	
X		Fibroid 3 D	Distance (DCM, 121206)		mm	X
X		Fibroid 3 D1	Length (SRT, G-A22A)		cm	X
X		Fibroid 3 D3	Width (SRT, G-A220)		cm	X
X		Fibroid 3 D2	Height (DCM, 121207)		cm	X
X		Fibroid 3 V	Volume (SRT, G-D705)		cm ³	
X		Fibroid 4 D	Distance (DCM, 121206)		mm	X
X		Fibroid 4 D1	Length (SRT, G-A22A)		cm	X
X		Fibroid 4 D3	Width (SRT, G-A220)		cm	X
X		Fibroid 4 D2	Height (DCM, 121207)		cm	X
X		Fibroid 4 V	Volume (SRT, G-D705)		cm ³	
X		Fibroid 5 D	Distance (DCM, 121206)		mm	X
X		Fibroid 5 D1	Length (SRT, G-A22A)		cm	X
X		Fibroid 5 D3	Width (SRT, G-A220)		cm	X
X		Fibroid 5 D2	Height (DCM, 121207)		cm	X
X		Fibroid 5 V	Volume (SRT, G-D705)		cm ³	

9.1.22 Pelvic Floor

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Pelvic Floor	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Pelvic Floor (SRT, T-D6236)		
		Detrusor wall thick. D	Detrusor wall thick. (99SIEMENS, Detwallthick)		mm	X
		Uterine Desc max D	Uterine Desc max (99SIEMENS, UterineDescmax)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Re.amp.desc.max D	Re.amp.desc.max (99SIEMENS, Reampdescmax)		mm	X
		Rectocele depth D	Rectocele depth (99SIEMENS, RectDepth)		mm	X
		Levator Hiatus Stress D	Levator Hiatus Stress (99SIEMENS, HiatusStress)		mm	X
		Hiatus AP D	Levator Hiatus AP Distance (99SIEMENS, LevatrHiatusAP)		mm	X
		Hiatus Lateral D	Levator Hiatus Lateral Distance (99SIEMENS, LevatrHiatusLatD)		mm	X
		IAS diameter D	Internal anal sphincter (SCT, 245454006)		mm	X
		EAS diameter D	External anal sphincter (SCT, 245455007)		mm	X
		Bladder neck-Symphysis D	Bladder neck-Symphysis Distance (99SIEMENS, BldrNckSymphDist)		mm	X
		Cervix descent D	Cervix descent (99SIEMENS, CervixDescent)		mm	X
		Rectal Ampulla descent D	Rectal Ampulla descent (99SIEMENS, RectalAmpDescent)		mm	X
		Levator Hiatus AP D	Levator Hiatus AP Distance (99SIEMENS, LevatrHiatusAP)		mm	X
		Levator Hiatus Lateral D	Levator Hiatus Lateral Distance (99SIEMENS, LevatrHiatusLatD)		mm	X
		Urethra	Container : Urethra (SRT, T-75000)			
		Urethral Rotation alpha	alpha (99SIEMENS, alpha)		°	X
		Urethral Rotation beta	beta (99SIEMENS, beta)		°	X
		Retrovesical angle	Container : Retrovesical angle (99SIEMENS, RetAngle)			
		RVA alpha	alpha (99SIEMENS, alpha)		°	X
		RVA beta	beta (99SIEMENS, beta)		°	X
		Posterior urethrovesical angle	Container : Posterior urethrovesical angle (99SIEMENS, PostUrethrAngle)			
		PUV alpha	alpha (99SIEMENS, alpha)		°	X
		PUV beta	beta (99SIEMENS, beta)		°	X
		Puborectalis muscle inner perimeter	Container : Puborectalis muscle inner perimeter (99SIEMENS, PubMusInPer)			
		PRM inner perimeter D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)		mm	X
		PRM inner perimeter D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		PRM inner perimeter C	Circumference (SRT, M-02560)		mm	X
		PRM inner perimeter A	Area (SRT, G-A166)		cm ²	X
		PRM inner perimeter D	Distance (DCM, 121206)		mm	X
		Levator Hiatal Inner Area	Container : Levator Hiatal Inner Area (99SIEMENS, LevHiatInArea)			
		Hiatus inner area D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)		mm	X
		Hiatus inner area D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)		mm	X
		Hiatus inner area C	Circumference (SRT, M-02560)		mm	X
		Hiatus inner area A	Area (SRT, G-A166)		cm ²	X
		Hiatus inner area D	Distance (DCM, 121206)		mm	X
		Levator Hiatal Outer Area	Container : Levator Hiatal Outer Area (99SIEMENS, LevHiatOutArea)			
		Hiatus outer area D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)		mm	X
		Hiatus outer area D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)		mm	X
		Hiatus outer area C	Circumference (SRT, M-02560)		mm	X
		Hiatus outer area A	Area (SRT, G-A166)		cm ²	X
		Hiatus outer area D	Distance (DCM, 121206)		mm	X
		Levator ani angle	Container : Levator ani angle (99SIEMENS, LevatorAniAngle)			
		Levator ani Angle alpha	alpha (99SIEMENS, alpha)		°	X
		Levator ani Angle beta	beta (99SIEMENS, beta)		°	X
		Levator Hiatal Area	Container : Levator Hiatal Area (99SIEMENS, LevatrHiatalArea)			
		Levator Hiatus Area A	Area (SRT, G-A166)		mm ²	X
		Levator Hiatus Area D1	Distance 1 (99SIEMENS, Distance1)		mm	X
		Levator Hiatus Area D2	Distance 2 (99SIEMENS, Distance2)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Levator Hiatus Area C	Circumference (SRT, M-02560)		mm	X
		Levator Hiatus Area D	Distance (DCM, 121206)		mm	X
		Rectovesical Angle at Rest	Container : Rectovesical Angle at Rest (99SIEMENS, RectovAngleRest)			
		Rectovesical Angle (Rest) alpha	alpha (99SIEMENS, alpha)		°	X
		Rectovesical Angle (Rest) beta	beta (99SIEMENS, beta)		°	X
		Rectovesical Angle at Valsalvas	Container : Rectovesical Angle at Valsalvas (99SIEMENS, RectovAngleValsa)			
		Rectovesical Angle (Valsalva) alpha	alpha (99SIEMENS, alpha)		°	X
		Rectovesical Angle (Valsalva) beta	beta (99SIEMENS, beta)		°	X

9.1.23 Fetal Heart

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Heart	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Fetal Heart (99SIEMENS, FetalHeart)		
		CTR Area A/B	Cardiothoracic Area Ratio (LN, 59076-0)			X
		CTR Area A	Fetal Heart Area (99SIEMENS, FetalHeartArea)		cm ²	X
		CTR Area B	Fetal Thoracic Cross-Sectional Area (99SIEMENS, FetThoCroSectA)		cm ²	X
		Left Ventricle	Container : Left Ventricle (SRT, T-32600)			
		LVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)		mm	X
		LVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)		mm	X
		Right Ventricle	Container : Right Ventricle (SRT, T-32500)			
		RVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)		mm	X
		RVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)		mm	X

9.1.24 Umbilical Vein

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Umbilical Vein	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Umbilical Vein (SRT, T-F1820)		
		Umb V Diam D	Umbilical Vein Diameter (99SIEMENS, UmbiVeinDia)		mm	X
		Umb V A Vmax Vel	A-Wave Peak Velocity (LN, 59081-0)		cm/s	X
		Umb V A Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Umb V D Vmax Vel	Diastolic blood velocity, peak (DCM, 122202)		cm/s	X
		Umb V D Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Umb V S Vmax Vel	Systolic blood velocity, peak (DCM, 122204)		cm/s	X
		Umb V S Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X

9.1.25 OB Fetal Assessment Performed

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		OB Fetal Assessment Performed	Container : Supplementary Data (DCM, 111414)	OB Fetal Assessment Performed (99SIEMENS, OBFetalAssessmt)		
		Placenta Location	Placenta position US (LN, 11994-1)			
		Placenta Location	Placenta position US (LN, 11994-1)			
		Placenta Grade	Fetal Placenta Grade US (LN, 11946-1)			
		Placenta Grade	Fetal Placenta Grade US (LN, 11946-1)			
		Placental Cord	Fetal Umbilical Cord Insertion site US (LN, 11952-9)			
		Placental Cord	Fetal Umbilical Cord Insertion site US (LN, 11952-9)			
		AF Volume	Condition of Amniotic Fluid (SRT, F-00A32)			
		AF Volume	Condition of Amniotic Fluid (SRT, F-00A32)			
		3-V Cord	Umbilical Cord Normal (SRT, F-03C2F)			
		3-V Cord	Umbilical Cord Normal (SRT, F-03C2F)			
		Previa	Placenta Previa (99SIEMENS, PlacentaPrevia)			
		Previa	Placenta Previa (99SIEMENS, PlacentaPrevia)			
		Fetal Position	Fetal position US (LN, 11875-2)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Position	Fetal position US (LN, 11875-2)			
		Genitalia	Fetus Sex US (LN, 11882-8)			
		Genitalia	Fetus Sex US (LN, 11882-8)			
		Lips/Palate	Nose Lips (99SIEMENS, FetusNoseLips)			
		Lips/Palate	Nose Lips (99SIEMENS, FetusNoseLips)			
		Cord Insertion	Fetal Cord Insertion (99SIEMENS, FetalCordInsert)			
		Cord Insertion	Fetal Cord Insertion (99SIEMENS, FetalCordInsert)			
		Facial Profile	Face (99SIEMENS, Face)			
		Facial Profile	Face (99SIEMENS, Face)			
		Lateral Ventricles	Lateral Ventricle (SRT, T-A1650)			
		Lateral Ventricles	Lateral Ventricle (SRT, T-A1650)			
		Cerebellum	Cerebellum (SRT, T-A6000)			
		Cerebellum	Cerebellum (SRT, T-A6000)			
		Posterior Fossa	Posterior fossa of cranial cavity (SRT, T-D1450)			
		Posterior Fossa	Posterior fossa of cranial cavity (SRT, T-D1450)			
		Choroid	Choroid (SRT, T-AA31B)			
		Choroid	Choroid (SRT, T-AA31B)			
		Nuchal Fold	Nuchal Fold (99SIEMENS, NuchalFold)			
		Nuchal Fold	Nuchal Fold (99SIEMENS, NuchalFold)			
		C-Spine	Cervical Spine (SRT, T-11501)			
		C-Spine	Cervical Spine (SRT, T-11501)			
		T-Spine	Thoracic Spine (SRT, T-11502)			
		T-Spine	Thoracic Spine (SRT, T-11502)			
		L-Spine	Lumbar Spine (SRT, T-11503)			
		L-Spine	Lumbar Spine (SRT, T-11503)			
		Sacrum	Sacrum (SRT, R-FB417)			
		Sacrum	Sacrum (SRT, R-FB417)			
		Stomach	Stomach (SRT, T-57000)			
		Stomach	Stomach (SRT, T-57000)			
		Bladder	Bladder (SRT, T-74000)			
		Bladder	Bladder (SRT, T-74000)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		R Kidney	Right Kidney (SRT, T-71010)			
		R Kidney	Right Kidney (SRT, T-71010)			
		L Kidney	Left Kidney (SRT, T-71020)			
		L Kidney	Left Kidney (SRT, T-71020)			
		Diaphragm	Diaphragm (SRT, T-D3400)			
		Diaphragm	Diaphragm (SRT, T-D3400)			
		Bowel Pattern	Bowel Pattern (99SIEMENS, BowelPattern)			
		Bowel Pattern	Bowel Pattern (99SIEMENS, BowelPattern)			
		Lungs	Fetal Lungs (99SIEMENS, FetalLungs)			
		Lungs	Fetal Lungs (99SIEMENS, FetalLungs)			
		L Ankle/Foot	Structure of ankle and foot (SRT, T-D0838)			
		L Ankle/Foot	Structure of ankle and foot (SRT, T-D0838)			
		R Ankle/Foot	Structure of ankle and foot (SRT, T-D0838)			
		R Ankle/Foot	Structure of ankle and foot (SRT, T-D0838)			
		4Ch heart	All chambers of the heart (SRT, T-32080)			
		4Ch heart	All chambers of the heart (SRT, T-32080)			
		RVOT	Right Ventricle Outflow Tract (SRT, T-32550)			
		RVOT	Right Ventricle Outflow Tract (SRT, T-32550)			
		LVOT	Left Ventricle Outflow Tract (SRT, T-32650)			
		LVOT	Left Ventricle Outflow Tract (SRT, T-32650)			
		Ao Arch	Aortic Arch (SRT, T-42300)			
		Ao Arch	Aortic Arch (SRT, T-42300)			
		Ductal Arch	Ductal Arch (99SIEMENS, FetalDuctalArch)			
		Ductal Arch	Ductal Arch (99SIEMENS, FetalDuctalArch)			
		Cardiac Rhythm	Fetal Heart Rhythm (SRT, F-00A5F)			
		Cardiac Rhythm	Fetal Heart Rhythm (SRT, F-00A5F)			
		Fetal Heart Motion	Fetal Heart (99SIEMENS, FetalHeart)			
		Fetal Heart Motion	Fetal Heart (99SIEMENS, FetalHeart)			
		Fetal Number	Fetal Number (99SIEMENS, FetalNumber)			
		Fetal Number	Fetal Number (99SIEMENS, FetalNumber)			
		4 Extremities	4 Extremities (99SIEMENS, 4Extremities)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		4 Extremities	4 Extremities (99SIEMENS, 4Extremities)			
		Abdominal Wall	Abdominal Wall (99SIEMENS, AbdominalWall)			
		Abdominal Wall	Abdominal Wall (99SIEMENS, AbdominalWall)			

9.1.26 Early OB Fetal Assessment Performed

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Early OB Fetal Assessment Performed	Container : Supplementary Data (DCM, 111414)	Early OB Fetal Assessment Performed (99SIEMENS, EOBFAssessment)		
		Placenta Location	Placenta position US (LN, 11994-1)			
		Placenta Grade	Fetal Placenta Grade US (LN, 11946-1)			
		Placental Cord	Fetal Umbilical Cord Insertion site US (LN, 11952-9)			
		AF Volume	Condition of Amniotic Fluid (SRT, F-00A32)			
		3-V Cord	Umbilical Cord Normal (SRT, F-03C2F)			
		Previa	Placenta Previa (99SIEMENS, PlacentaPrevia)			
		Fetal Position	Fetal position US (LN, 11875-2)			
		Genitalia	Fetus Sex US (LN, 11882-8)			
		Lips/Palate	Nose Lips (99SIEMENS, FetusNoseLips)			
		Cord Insertion	Fetal Cord Insertion (99SIEMENS, FetalCordInsert)			
		Facial Profile	Face (99SIEMENS, Face)			
		Lateral Ventricles	Lateral Ventricle (SRT, T-A1650)			
		Cerebellum	Cerebellum (SRT, T-A6000)			
		Posterior Fossa	Posterior fossa of cranial cavity (SRT, T-D1450)			
		Choroid	Choroid (SRT, T-AA31B)			
		Nuchal Fold	Nuchal Fold (99SIEMENS, NuchalFold)			
		C-Spine	Cervical Spine (SRT, T-11501)			
		T-Spine	Thoracic Spine (SRT, T-11502)			
		L-Spine	Lumbar Spine (SRT, T-11503)			
		Sacrum	Sacrum (SRT, R-FB417)			
		Stomach	Stomach (SRT, T-57000)			
		Bladder	Bladder (SRT, T-74000)			
		R Kidney	Right Kidney (SRT, T-71010)			
		L Kidney	Left Kidney (SRT, T-71020)			
		Diaphragm	Diaphragm (SRT, T-D3400)			
		Bowel Pattern	Bowel Pattern (99SIEMENS, BowelPattern)			
		Lungs	Fetal Lungs (99SIEMENS, FetalLungs)			
		L Ankle/Foot	Structure of ankle and foot (SRT, T-D0838)			
		R Ankle/Foot	Structure of ankle and foot (SRT, T-D0838)			
		4Ch heart	All chambers of the heart (SRT, T-32080)			
		RVOT	Right Ventricle Outflow Tract (SRT, T-32550)			
		LVOT	Left Ventricle Outflow Tract (SRT, T-32650)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Ao Arch	Aortic Arch (SRT, T-42300)			
		Ductal Arch	Ductal Arch (99SIEMENS, FetalDuctalArch)			
		Cardiac Rhythm	Fetal Heart Rhythm (SRT, F-00A5F)			
		Fetal Heart Motion	Fetal Heart (99SIEMENS, FetalHeart)			
		Fetal Number	Fetal Number (99SIEMENS, FetalNumber)			
		4 Extremities	4 Extremities (99SIEMENS, 4Extremities)			
		Abdominal Wall	Abdominal Wall (99SIEMENS, AbdominalWall)			

9.2 Appendix B: Vascular Structured Report

This appendix lists the DICOM Structured Report (SR) mappings used in the Vascular Structured Reports of Juniper DICOM SR files.

The mappings are organized in a manner similar to the DICOM SR Templates as described in PS 3.16-2011 of the DICOM Standard. The “Label” column identifies the on-screen label associated with a measurement. All private code values use the Coding Scheme Designator “99SIEMENS” or “99SIEMENSUS”.

The Vascular Report mappings follow the DICOM SR Template TID 5100: Vascular Ultrasound Report.

9.2.1 Notation

9.2.1.1 Laterality Modifier

If the ‘Laterality’ column is marked with a ‘X’ then the label could be had one of a modifier in the below table.

Side information	Modifier	Display on screen
Right	Laterality (SRT, G-C171): Right (SRT, G-A100)	Rt
Left	Laterality (SRT, G-C171): Left (SRT, G-A101)	Lt
None	Laterality (SRT, G-C171): Unilateral (SRT, G-A103)	

9.2.1.2 Topographical Modifier

If the ‘Topography’ column is marked with a ‘X’ then the label would be had one of a modifier in the below table.

Topography	Modifier	Display on screen
Proximal	Topographical modifier (SRT, G-A1F8): Proximal (SRT, G-A118)	Prox
Middle	Topographical modifier (SRT, G-A1F8): Middle (SRT, G-A109)	Mid
Distal	Topographical modifier (SRT, G-A1F8): Distal (SRT, G-A119)	Dist
None	Topographical modifier (SRT, G-A1F8): None (SRT, R-40775)	
Proximal section	Topographical modifier (SRT, G-A1F8): Graft to cited segment, proximal section (DCM, 122102)	Prox
Middle section	Topographical modifier (SRT, G-A1F8): Graft to cited segment, mid section (DCM, 122103)	Mid

Topography	Modifier	Display on screen
Distal section	Topographical modifier (SRT, G-A1F8): Graft to cited segment, distal section (DCM, 122104)	Dist
Proximal anastomosis	Topographical modifier (SRT, G-A1F8): Graft to cited segment, proximal anastomosis (SRT, G-D871)	Prox
Middle anastomosis	Topographical modifier (SRT, G-A1F8): Graft to cited segment, Mid anastomosis (99SIEMENS, MidAnast)	Mid
Distal annastomosis	Topographical modifier (SRT, G-A1F8): Graft to cited segment, distal anastomosis (SRT, G-D872)	Dist

9.2.1.3 Derivation Modifier

If the 'Mean' column is marked with a 'X' then the label would be had a modifier in the below table.

Derivation type	Modifier	Display on screen
Mean	Derivation (DCM, 121401): Mean (SRT, R-00317)	

9.2.2 Patient Characteristics

Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units
Patient Characteristics	Container : Patient Characteristics (DCM, 121118)		
Age	Subject Age (DCM, 121033)		year
Sex	Subject Sex (DCM, 121032)		unitless
BP	Systolic Blood Pressure (SRT, F-008EC)		mmHg
BP	Diastolic Blood Pressure (SRT, F-008ED)		mmHg
Height	Patient Height (LN, 8302-2)		cm
Weight	Patient Weight (LN, 29463-7)		kg

9.2.3 Blood Vessel of Head

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Blood Vessel of Head	Container : Findings (DCM, 121070)	Finding Site: Blood Vessel of Head (SRT, T-40501)		
		Anterior Cerebral	Container : Anterior Cerebral Artery (SRT, T-45540)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Artery				
X		ACA T	Acceleration Time (LN, 20168-1)		ms	
X		ACA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		ACA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		ACA PI	Pulsatility Index (LN, 12008-9)			
X		ACA Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		ACA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		ACA RI	Resistivity Index (LN, 12023-8)			
X		ACA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		ACA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		ACA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		ACA FV	Volume Flow (LN, 33878-0)		L/min	
X		ACA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		ACA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		ACA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		ACA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		ACA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		ACA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		ACA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		ACA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		ACA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		ACA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		Anterior Communicating Artery	Container : Anterior Communicating Artery (SRT, T-45530)			
		ACoA T	Acceleration Time (LN, 20168-1)		ms	
		ACoA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
		ACoA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
		ACoA D	Diameter (SRT, M-02550)		mm	
		ACoA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
		ACoA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		ACoA PI	Pulsatility Index (LN, 12008-9)			
		ACoA Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		ACoA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		ACoA RI	Resistivity Index (LN, 12023-8)			
		ACoA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		ACoA A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
		ACoA A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
		ACoA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
		ACoA D2	Vessel lumen diameter (SRT, G-0364)		mm	
		ACoA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		ACoA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		ACoA FV	Volume Flow (LN, 33878-0)		L/min	
		ACoA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		ACoA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		ACoA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		ACoA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		ACoA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
		ACoA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		ACoA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		ACoA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		ACoA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		ACoA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		Basilar Artery	Container : Basilar Artery (SRT, T-45800)			
X	X	Basilar A T	Acceleration Time (LN, 20168-1)		ms	
X	X	Basilar A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Basilar A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Basilar A D	Diameter (SRT, M-02550)		mm	
X	X	Basilar A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Basilar A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Basilar A PI	Pulsatility Index (LN, 12008-9)			
X	X	Basilar A Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Basilar A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Basilar A RI	Resistivity Index (LN, 12023-8)			
X	X	Basilar A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Basilar A A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Basilar A A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Basilar A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Basilar A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Basilar A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Basilar A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Basilar A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Basilar A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Basilar A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Basilar A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Basilar A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Basilar A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Basilar A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Basilar A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Basilar A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Basilar A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Basilar A PG	Pressure Gradient (SRT, F-023F7)		mmHg	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Anterior Cerebral Artery A1 Segment	Container : Anterior Cerebral Artery A1 Segment (99SIEMENS, AntCerebAA1)			
X		ACAA1 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		ACAA1 T	Acceleration Time (LN, 20168-1)		ms	
X		ACAA1 Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		ACAA1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		ACAA1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		ACAA1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		ACAA1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		ACAA1 FV	Volume Flow (LN, 33878-0)		L/min	
X		ACAA1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		ACAA1 D	Diameter (SRT, M-02550)		mm	
X		ACAA1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		ACAA1 D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		ACAA1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		ACAA1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		ACAA1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		ACAA1 FV	Volume Flow (LN, 33878-0)		L/min	
X		ACAA1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		ACAA1 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		ACAA1 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		ACA Mean_TCD A1	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		ACAA1 PI	Pulsatility Index (LN, 12008-9)			
X		ACAA1 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		ACAA1 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		ACAA1 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		ACAA1 RI	Resistivity Index (LN, 12023-8)			
X		ACAA1 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		ACAA1 TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		ACAA1 TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		ACAA1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		ACAA1 Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Anterior Cerebral Artery A2 Segment	Container : Anterior Cerebral Artery A2 Segment (99SIEMENS, AntCerebAA2)			
X		ACAA2 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		ACAA2 T	Acceleration Time (LN, 20168-1)		ms	
X		ACAA2 Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		ACAA2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		ACAA2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		ACAA2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		ACAA2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		ACAA2 FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		ACAA2 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		ACAA2 D	Diameter (SRT, M-02550)		mm	
X		ACAA2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		ACAA2 D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		ACAA2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		ACAA2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		ACAA2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		ACAA2 FV	Volume Flow (LN, 33878-0)		L/min	
X		ACAA2 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		ACAA2 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		ACAA2 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		ACA A2 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		ACAA2 PI	Pulsatility Index (LN, 12008-9)			
X		ACAA2 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		ACAA2 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		ACAA2 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		ACAA2 RI	Resistivity Index (LN, 12023-8)			
X		ACAA2 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		ACAA2 TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		ACAA2 TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		ACAA2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		ACAA2 Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Middle Cerebral Artery	Container : Middle Cerebral Artery (SRT, T-45600)			
X	X	MCA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	MCA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	MCA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	MCA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	MCA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	MCA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	MCA T	Acceleration Time (LN, 20168-1)		ms	
X	X	MCA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	MCA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	MCA D	Diameter (SRT, M-02550)		mm	
X	X	MCA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	MCA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	MCA PI	Pulsatility Index (LN, 12008-9)			
X	X	MCA Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	MCA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	MCA RI	Resistivity Index (LN, 12023-8)			
X	X	MCA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	MCA A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	MCA A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	MCA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	MCA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	MCA TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	MCA TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	MCA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	MCA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	MCA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	MCA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	MCA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Internal Carotid Artery entrance to skull	Container : Internal Carotid Artery entrance to skull (99SIEMENS, ICASkullEntr)			
X		Dist ICA skull entrance Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Dist ICA skull entrance T	Acceleration Time (LN, 20168-1)		ms	
X		Dist ICA skull entrance Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Dist ICA skull entrance A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Dist ICA skull entrance FV	Volume Flow (LN, 33878-0)		L/min	
X		Dist ICA skull entrance TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Dist ICA skull entrance A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Dist ICA skull entrance D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Dist ICA skull entrance FV	Volume Flow (LN, 33878-0)		L/min	
X		Dist ICA skull entrance TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Dist ICA skull entrance ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Dist ICA skull entrance MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Dist ICA skull entrance Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Dist ICA skull entrance PI	Pulsatility Index (LN, 12008-9)			
X		Dist ICA skull entrance PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Dist ICA skull entrance PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Dist ICA skull entrance PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Dist ICA skull entrance RI	Resistivity Index (LN, 12023-8)			
X		Dist ICA skull entrance SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Dist ICA skull entrance TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Dist ICA skull	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		entrance TAmx				
X		Dist ICA skull entrance PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Dist ICA skull entrance Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Carotid Siphon	Container : Carotid Siphon (SRT, T-45308)			
X		ICA-Siphon Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		ICA-Siphon T	Acceleration Time (LN, 20168-1)		ms	
X		ICA-Siphon Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		ICA-Siphon A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		ICA-Siphon A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		ICA-Siphon Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		ICA-Siphon A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		ICA-Siphon FV	Volume Flow (LN, 33878-0)		L/min	
X		ICA-Siphon TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		ICA-Siphon D	Diameter (SRT, M-02550)		mm	
X		ICA-Siphon D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		ICA-Siphon D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		ICA-Siphon Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		ICA-Siphon A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		ICA-Siphon D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		ICA-Siphon FV	Volume Flow (LN, 33878-0)		L/min	
X		ICA-Siphon TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		ICA-Siphon ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		ICA-Siphon MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		ICA-Siphon Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		ICA-Siphon PI	Pulsatility Index (LN, 12008-9)			
X		ICA-Siphon PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		ICA-Siphon PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		ICA-Siphon PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		ICA-Siphon RI	Resistivity Index (LN, 12023-8)			
X		ICA-Siphon SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		ICA-Siphon TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		ICA-Siphon TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		ICA-Siphon PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		ICA-Siphon Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Middle Cerebral Artery M1 Segment	Container : Middle Cerebral Artery M1 Segment (SRT, R-1024F)			
X	X	M1 MCA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	M1 MCA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	M1 MCA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	M1 MCA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	M1 MCA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	M1 MCA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	M1 MCA T	Acceleration Time (LN, 20168-1)		ms	
X	X	M1 MCA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	M1 MCA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	M1 MCA PI	Pulsatility Index (LN, 12008-9)			
X	X	M1 MCA Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	M1 MCA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	M1 MCA RI	Resistivity Index (LN, 12023-8)			
X	X	M1 MCA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	M1 MCA TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	M1 MCA TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	M1 MCA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	M1 MCA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	M1 MCA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	M1 MCA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	M1 MCA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Middle Cerebral Container :	Middle Cerebral Artery M2 Segment (SRT, R-			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Artery M2 Segment	10251)			
X	X	M2 MCA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	M2 MCA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	M2 MCA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	M2 MCA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	M2 MCA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	M2 MCA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	M2 MCA T	Acceleration Time (LN, 20168-1)		ms	
X	X	M2 MCA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	M2 MCA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	M2 MCA PI	Pulsatility Index (LN, 12008-9)			
X	X	M2 MCA Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	M2 MCA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	M2 MCA RI	Resistivity Index (LN, 12023-8)			
X	X	M2 MCA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	M2 MCA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	M2 MCA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	M2 MCA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	M2 MCA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	M2 MCA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	M2 MCA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS,		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
			VolFTAMn)			
X	X	M2 MCA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Posterior Cerebral Artery	Container : Posterior Cerebral Artery (SRT, T-45900)			
X		PCA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		PCA T	Acceleration Time (LN, 20168-1)		ms	
X		PCA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		PCAA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		PCAA2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		PCA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		PCAA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		PCA FV	Volume Flow (LN, 33878-0)		L/min	
X		PCA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		PCA D	Diameter (SRT, M-02550)		mm	
X		PCA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		PCA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		PCA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		PCAA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		PCA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		PCA FV	Volume Flow (LN, 33878-0)		L/min	
X		PCA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS,		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
			VolFTAMn)			
X		PCA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		PCA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		PCA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		PCA PI	Pulsatility Index (LN, 12008-9)			
X		PCA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		PCA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		PCA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		PCA RI	Resistivity Index (LN, 12023-8)			
X		PCA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		PCA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		PCA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		PCA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		PCA Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Posterior Cerebral Artery P1 Segment	Container : Posterior Cerebral Artery P1 Segment (SRT, R-10253)			
X		PCA P1 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		PCA P1 T	Acceleration Time (LN, 20168-1)		ms	
X		PCA P1 Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		PCA P1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		PCA P1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		PCA P1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		PCA P1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		PCA P1 FV	Volume Flow (LN, 33878-0)		L/min	
X		PCA P1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		PCA P1 D	Diameter (SRT, M-02550)		mm	
X		PCA P1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		PCA P1 D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		PCA P1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		PCA P1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		PCA P1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		PCA P1 FV	Volume Flow (LN, 33878-0)		L/min	
X		PCA P1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		PCA P1 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		PCA P1 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		PCA P1 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		PCA P1 PI	Pulsatility Index (LN, 12008-9)			
X		PCA P1 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		PCA P1 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		PCA P1 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		PCA P1 RI	Resistivity Index (LN, 12023-8)			
X		PCA P1 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		PCA P1 TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		PCA P1 TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		PCA P1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		PCA P1 Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Posterior Cerebral Artery P2 Segment	Container : Posterior Cerebral Artery P2 Segment (SRT, R-10255)			
X		PCA P2 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		PCA P2 T	Acceleration Time (LN, 20168-1)		ms	
X		PCA P2 Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		PCA P2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		PCA P2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		PCA P2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		PCA P2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		PCA P2 FV	Volume Flow (LN, 33878-0)		L/min	
X		PCA P2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		PCA P2 D	Diameter (SRT, M-02550)		mm	
X		PCA P2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		PCA P2 D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		PCA P2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		PCA P2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		PCA P2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		PCA P2 FV	Volume Flow (LN, 33878-0)		L/min	
X		PCA P2 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		PCA P2 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		PCA P2 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		PCA P2 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		PCA P2 PI	Pulsatility Index (LN, 12008-9)			
X		PCA P2 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		PCA P2 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		PCA P2 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		PCA P2 RI	Resistivity Index (LN, 12023-8)			
X		PCA P2 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		PCA P2 TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		PCA P2 TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		PCA P2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		PCA P2 Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Posterior Communicating Artery	Container : Posterior Communicating Artery (SRT, T-45320)			
X		PCoA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		PCoA T	Acceleration Time (LN, 20168-1)		ms	
X		PCoA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		PCoAA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		PCoAA2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		PCoA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		PCoAA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		PCoA FV	Volume Flow (LN, 33878-0)		L/min	
X		PCoA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		PCoA D	Diameter (SRT, M-02550)		mm	
X		PCoA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		PCoA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		PCoA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		PCoAA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		PCoA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		PCoA FV	Volume Flow (LN, 33878-0)		L/min	
X		PCoA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		PCoA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		PCoA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		PCoA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		PCoA PI	Pulsatility Index (LN, 12008-9)			
X		PCoA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		PCoA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		PCoA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		PCoA RI	Resistivity Index (LN, 12023-8)			
X		PCoA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		PCoA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		PCoA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		PCoA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		PCoA Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Terminal internal carotid artery	Container : Terminal internal carotid artery (SRT, R-102BD)			
X		Terminal ICA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Terminal ICA T	Acceleration Time (LN, 20168-1)		ms	
X		Terminal ICA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Terminal ICA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Terminal ICA FV	Volume Flow (LN, 33878-0)		L/min	
X		Terminal ICA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Terminal ICA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Terminal ICA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Terminal ICA FV	Volume Flow (LN, 33878-0)		L/min	
X		Terminal ICA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Terminal ICA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Terminal ICA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Terminal ICA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Terminal ICA PI	Pulsatility Index (LN, 12008-9)			
X		Terminal ICA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Terminal ICA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Terminal ICA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Terminal ICA RI	Resistivity Index (LN, 12023-8)			
X		Terminal ICA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Terminal ICA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Terminal ICA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Terminal ICA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Terminal ICA Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Terminal Vertebral Artery	Container : Terminal Vertebral Artery (99SIEMENS, TerminalVertA)			
X		Terminal Vert A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Terminal Vert A T	Acceleration Time (LN, 20168-1)		ms	
X		Terminal Vert A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Terminal Vert A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Terminal Vert A	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		FV				
X		Terminal Vert A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Terminal Vert AA	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X		Terminal Vert AD	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Terminal Vert A FV	Volume Flow (LN, 33878-0)		L/min	
X		Terminal Vert A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Terminal Vert A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Terminal Vert A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Terminal Vert A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Terminal Vert A PI	Pulsatility Index (LN, 12008-9)			
X		Terminal Vert A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Terminal Vert A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Terminal Vert A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Terminal Vert A RI	Resistivity Index (LN, 12023-8)			
X		Terminal Vert A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Terminal Vert A TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Terminal Vert A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Terminal Vert A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Terminal Vert A Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		MCA/ICA-Siphon	MCA/ICA-Siphon (99SIEMENS, MCAOverICASIPHON)			
		Ophthalmic Artery	Container : Ophthalmic Artery (SRT, T-45400)			
X	X	Ophthalmic Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Ophthalmic A D	Diameter (SRT, M-02550)		mm	X
X	X	Ophthalmic Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Ophthalmic AA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Ophthalmic A A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Ophthalmic A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Ophthalmic A D2	Vessel lumen diameter (SRT, G-0364)		mm	X

9.2.4 Artery of neck

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Artery of neck	Container : Findings (DCM, 121070)	Finding Site: Artery of neck (SRT, T-45005)		
		Common Carotid Artery	Container : Common Carotid Artery (SRT, T-45100)			
X	X	CCA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	CCA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	CCA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	CCA PI	Pulsatility Index (LN, 12008-9)			
X	X	CCA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	CCA RI	Resistivity Index (LN, 12023-8)			
X	X	CCA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	CCA A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	CCA A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	CCA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	CCA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	CCA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	CCA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	CCA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	CCA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	CCA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	CCA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	CCA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	CCA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	CCA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	CCA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	CCA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	CCA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	CCA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	CCA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	CCA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	CCA D	Diameter (SRT, M-02550)		mm	
		External Carotid Artery	Container : External Carotid Artery (SRT, T-45200)			
X	X	ECA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	ECA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	ECA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	ECA PI	Pulsatility Index (LN, 12008-9)			
X	X	ECA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	ECA RI	Resistivity Index (LN, 12023-8)			
X	X	ECA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	ECAA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	ECAA2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	ECA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	ECA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	ECA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	ECA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	ECA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	ECA FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	ECA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	ECA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	ECA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	ECA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	ECA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	ECA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	ECA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	ECA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	ECA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	ECA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	ECA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	ECA D	Diameter (SRT, M-02550)		mm	
X		ICA/CCA (s)	ICA/CCA velocity ratio (LN, 33868-1)			
X		ICA/CCA (d)	ICA/CCA velocity ratio (LN, 33868-1)			
		Carotid Bulb	Container : Carotid Bulb (SRT, T-45170)			
X		Bulb A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		Bulb A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		Bulb Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		Bulb A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Bulb FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Bulb TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Bulb D	Diameter (SRT, M-02550)		mm	
X		Bulb D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		Bulb D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		Bulb Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		Bulb A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Bulb D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Bulb FV	Volume Flow (LN, 33878-0)		L/min	
X		Bulb TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Bulb ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Bulb MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Bulb Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Bulb PI	Pulsatility Index (LN, 12008-9)			
X		Bulb PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Bulb PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Bulb PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Bulb RI	Resistivity Index (LN, 12023-8)			
X		Bulb SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Bulb TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Bulb TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Bulb PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Bulb Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Internal Carotid Artery	Container : Internal Carotid Artery (SRT, T-45300)			
X	X	ICA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	ICA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	ICA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	ICA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	ICA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	ICA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	ICA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	ICA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	ICA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	ICA PI	Pulsatility Index (LN, 12008-9)			
X	X	ICA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	ICA RI	Resistivity Index (LN, 12023-8)			
X	X	ICA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	ICAA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	ICAA2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	ICA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	ICA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	ICA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	ICA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	ICA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	ICA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	ICA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	ICA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	ICA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	ICA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	ICA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	ICA D	Diameter (SRT, M-02550)		mm	
		Vertebral Artery	Container : Vertebral Artery (SRT, T-45700)			
X	X	Vert A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Vert A A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Vert A A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Vert A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Vert A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Vert A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Vert A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Vert A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Vert Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Vert A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Vert A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Vert A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Vert A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Vert A T	Acceleration Time (LN, 20168-1)		ms	
X	X	Vert A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Vert A D	Diameter (SRT, M-02550)		mm	
X	X	Vert A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Vert A PI	Pulsatility Index (LN, 12008-9)			
X	X	Vert A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Vert A RI	Resistivity Index (LN, 12023-8)			
X	X	Vert A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Vert A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Vert A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Vert A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Vert A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Vert A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Vert A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Vert A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Vert A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Vert A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

9.2.5 Artery of Lower Extremity

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Artery of Lower Extremity	Container : Findings (DCM, 121070)	Finding Site: Artery of Lower Extremity (SRT, T-47040)		
		Anterior Tibial Artery	Container : Anterior Tibial Artery (SRT, T-47700)			
X	X	ATA T	Acceleration Time (LN, 20168-1)		ms	
X	X	ATA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	ATA D	Diameter (SRT, M-02550)		mm	
X	X	ATA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	ATA PI	Pulsatility Index (LN, 12008-9)			
X	X	ATA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	ATA RI	Resistivity Index (LN, 12023-8)			
X	X	ATA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	ATA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	ATA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	ATA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	ATA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	ATA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	ATA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	ATA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	ATA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	ATA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS,		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
			VolFTAMn)			
X	X	ATA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	ATA A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	ATA A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	ATA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	ATA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	ATA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	ATA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	ATA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	ATA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	ATA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	ATA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	ATA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	ATA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	ATA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	ATA V1/V2	Velocity ratio (LN, 33867-3)			
X	X	ATA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Common Femoral Artery	Container : Common Femoral Artery (SRT, T-47400)			
X	X	CFA T	Acceleration Time (LN, 20168-1)		ms	
X	X	CFA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	CFA D	Diameter (SRT, M-02550)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	CFA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	CFA PI	Pulsatility Index (LN, 12008-9)			
X	X	CFA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	CFA RI	Resistivity Index (LN, 12023-8)			
X	X	CFA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	CFA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	CFA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	CFA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	CFA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	CFA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	CFA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	CFA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	CFA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	CFA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	CFA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	CFAA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	CFAA2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	CFA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	CFA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	CFA D2	Vessel lumen diameter (SRT, G-0364)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	CFA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	CFA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	CFA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	CFA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	CFA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	CFA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	CFA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	CFA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	CFA V1/V2	Velocity ratio (LN, 33867-3)			
X	X	CFA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Stent	Container : Stent (SRT, A-2550)			
X	X	CFA Stent T	Acceleration Time (LN, 20168-1)		ms	
X	X	CFA Stent Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	CFA Stent D	Diameter (SRT, M-02550)		mm	
X	X	CFA Stent ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	CFA Stent PI	Pulsatility Index (LN, 12008-9)			
X	X	CFA Stent PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	CFA Stent RI	Resistivity Index (LN, 12023-8)			
X	X	CFA Stent SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	CFA Stent TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	CFA Stent TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	CFA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	CFA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	CFA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X	X	CFA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X	X	CFA Stent D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	CFA Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	CFA Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	CIA Stent T	Acceleration Time (LN, 20168-1)		ms	
X	X	CIA Stent Accel	Acceleration Index (LN, 20167-3)		m/s²	
X	X	CIA Stent AP D	Diameter (SRT, M-02550)	Finding Site:	mm	X
X	X	CIA Stent D	Diameter (SRT, M-02550)		mm	
X	X	CIA Stent ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	CIA Stent PI	Pulsatility Index (LN, 12008-9)			
X	X	CIA Stent PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	CIA Stent RI	Resistivity Index (LN, 12023-8)			
X	X	CIA Stent SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	CIA Stent TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	CIA Stent TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	CIA Stent Trans D	Diameter (SRT, M-02550)	Finding Site:	mm	X
X	X	CIA Stent FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	CIA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	CIA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	CIA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	CIA Stent D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	CIA Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	CIA Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	EIA Stent T	Acceleration Time (LN, 20168-1)		ms	
X	X	EIA Stent Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	EIA Stent AP D	Diameter (SRT, M-02550)		mm	X
X	X	EIA Stent D	Diameter (SRT, M-02550)		mm	
X	X	EIA Stent ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	EIA Stent PI	Pulsatility Index (LN, 12008-9)			
X	X	EIA Stent PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	EIA Stent RI	Resistivity Index (LN, 12023-8)			
X	X	EIA Stent SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	EIA Stent TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	EIA Stent TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	EIA Stent Trans D	Diameter (SRT, M-02550)		mm	X
X	X	EIA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	EIA Stent FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	EIA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	EIA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	EIA Stent D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	EIA Stent TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	EIA Stent TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	CFA Stent Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	CFA Stent A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	CFA Stent A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	CFA Stent Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	CFA Stent D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	CFA Stent D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	CFA Stent Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	CFA Stent MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	CFA Stent Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	CFA Stent PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	CFA Stent PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	CFA Stent PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	CFA Stent Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	CFA Stent V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	CFA Stent V1/V2	Velocity ratio (LN, 33867-3)			
X	X	CFA Stent V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	CIA Stent Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	CIA Stent T	Time (99SIEMENS, Time)		ms	
X	X	CIA Stent MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	CIA Stent Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	CIA Stent PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	CIA Stent PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	CIA Stent PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	CIA Stent Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	CIA Stent V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	CIA Stent V1/V2	Velocity ratio (LN, 33867-3)			
X	X	CIA Stent V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	EIA Stent Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	EIA Stent T	Time (99SIEMENS, Time)		ms	
X	X	EIA Stent MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	EIA Stent Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	EIA Stent PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	EIA Stent PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	EIA Stent PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	EIA Stent Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	EIA Stent V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	EIA Stent V1/V2	Velocity ratio (LN, 33867-3)			
X	X	EIA Stent V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	IIA Stent Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	IIA Stent T	Time (99SIEMENS, Time)		ms	
X	X	IIA Stent MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	IIA Stent Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	IIA Stent PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	IIA Stent PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	IIA Stent PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	IIA Stent Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	IIA Stent V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	IIA Stent V1/V2	Velocity ratio (LN, 33867-3)			
X	X	IIA Stent V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	Pop A Stent Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Pop A Stent A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	
X	X	Pop A Stent A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm²	
X	X	Pop A Stent Steno	Lumen Area Stenosis (SRT, R-101BA)		%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Pop A Stent D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Pop A Stent D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Pop A Stent Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Pop A Stent MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Pop A Stent Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Pop A Stent PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Pop A Stent PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Pop A Stent PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Pop A Stent Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Pop A Stent V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Pop A Stent V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Pop A Stent V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	SFA Stent Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	SFA Stent A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	SFA Stent A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	SFA Stent Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	SFA Stent D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	SFA Stent D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	SFA Stent Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	SFA Stent MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	SFA Stent Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	SFA Stent PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	SFA Stent PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	SFA Stent PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	SFA Stent Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	SFA Stent V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	SFA Stent V1/V2	Velocity ratio (LN, 33867-3)			
X	X	SFA Stent V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	IIA Stent T	Acceleration Time (LN, 20168-1)		ms	
X	X	IIA Stent Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	IIA Stent AP D	Diameter (SRT, M-02550)		mm	X
X	X	IIA Stent D	Diameter (SRT, M-02550)		mm	
X	X	IIA Stent ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	IIA Stent PI	Pulsatility Index (LN, 12008-9)			
X	X	IIA Stent PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	IIA Stent RI	Resistivity Index (LN, 12023-8)			
X	X	IIA Stent SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	IIA Stent TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	IIA Stent TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	IIA Stent Trans D	Diameter (SRT, M-02550)		mm	X
X	X	IIA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	IIA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	IIA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	IIA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	IIA Stent D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	IIA Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	IIA Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Pop A Stent T	Acceleration Time (LN, 20168-1)		ms	
X	X	Pop A Stent Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Pop A Stent D	Diameter (SRT, M-02550)		mm	
X	X	Pop A Stent ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Pop A Stent PI	Pulsatility Index (LN, 12008-9)			
X	X	Pop A Stent PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Pop A Stent RI	Resistivity Index (LN, 12023-8)			
X	X	Pop A Stent SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Pop A Stent TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Pop A Stent TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Pop A Stent FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Pop A Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Pop A Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Pop A Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Pop A Stent D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Pop A Stent TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Pop A Stent TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	SFA Stent T	Acceleration Time (LN, 20168-1)		ms	
X	X	SFA Stent Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	SFA Stent D	Diameter (SRT, M-02550)		mm	
X	X	SFA Stent ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	SFA Stent PI	Pulsatility Index (LN, 12008-9)			
X	X	SFA Stent PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	SFA Stent RI	Resistivity Index (LN, 12023-8)			
X	X	SFA Stent SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	SFA Stent TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	SFA Stent TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	SFA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	SFA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	SFA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	SFA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	SFA Stent D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	SFA Stent TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	SFA Stent TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Common Iliac Artery	Container : Common Iliac Artery (SRT, T-46710)			
X	X	CIA T	Acceleration Time (LN, 20168-1)		ms	
X	X	CIA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	CIA AP D	Diameter (SRT, M-02550)		mm	X
X	X	CIA D	Diameter (SRT, M-02550)		mm	
X	X	CIA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	CIA PI	Pulsatility Index (LN, 12008-9)			
X	X	CIA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	CIA RI	Resistivity Index (LN, 12023-8)			
X	X	CIA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	CIA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	CIA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	CIA Trans D	Diameter (SRT, M-02550)		mm	X
X	X	CIA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	CIA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	CIA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	CIA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	CIA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	CIA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	CIA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	CIA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	CIA A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	CIA A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	CIA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	CIA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	CIA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	CIA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	CIA T	Time (99SIEMENS, Time)		ms	
X	X	CIA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	CIA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	CIA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	CIA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	CIA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	CIA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	CIA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	CIA V1/V2	Velocity ratio (LN, 33867-3)			
X	X	CIA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		External Iliac Artery	Container : External Iliac Artery (SRT, T-46910)			
X	X	EIA T	Acceleration Time (LN, 20168-1)		ms	
X	X	EIA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	EIA D	Diameter (SRT, M-02550)		mm	
X	X	EIA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	EIA PI	Pulsatility Index (LN, 12008-9)			
X	X	EIA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	EIA RI	Resistivity Index (LN, 12023-8)			
X	X	EIA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	EIA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	EIA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	EIA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	EIA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	EIA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	EIA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	EIA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	EIA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	EIA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	EIA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	EIA A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	EIA A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	EIA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	EIA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	EIA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	EIA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	EIA T	Time (99SIEMENS, Time)		ms	
X	X	EIA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	EIA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	EIA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	EIA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	EIA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	EIA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	EIA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	EIA V1/V2	Velocity ratio (LN, 33867-3)			
X	X	EIA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Pseudoaneurysm	Container : Pseudoaneurysm (SRT, M-32390)			
X		CFA Pseudo A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		CFA Pseudo A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		CFA Pseudo Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		CFA Pseudo D	Distance (DCM, 121206)		mm	X
X		CFA Pseudo D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		CFA Pseudo D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		CFA Pseudo Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		CFA Pseudo PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		CFA Pseudo Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Aneurysm	Container : Aneurysm (SRT, M-32200)			
X		CIA Aneurysm AP D	Diameter (SRT, M-02550)		mm	X
X		CIA Aneurysm Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		CIA Aneurysm T	Acceleration Time (LN, 20168-1)		ms	
X		CIA Aneurysm Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		CIA Aneurysm A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		CIA Aneurysm FV	Volume Flow (LN, 33878-0)		L/min	
X		CIA Aneurysm TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		CIA Aneurysm D	Diameter (SRT, M-02550)		mm	
X		CIA Aneurysm T	Time (99SIEMENS, Time)		ms	
X		CIA Aneurysm A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		CIA Aneurysm D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		CIA Aneurysm FV	Volume Flow (LN, 33878-0)		L/min	
X		CIA Aneurysm TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		CIA Aneurysm ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		CIA Aneurysm MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		CIA Aneurysm Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		CIA Aneurysm PI	Pulsatility Index (LN, 12008-9)			
X		CIA Aneurysm PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		CIA Aneurysm PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		CIA Aneurysm PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		CIA Aneurysm RI	Resistivity Index (LN, 12023-8)			
X		CIA Aneurysm SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		CIA Aneurysm TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		CIA Aneurysm TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		CIA Aneurysm PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		CIA Aneurysm Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		CIA Aneurysm V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		CIA Aneurysm V1/V2	Velocity ratio (LN, 33867-3)			
X		CIA Aneurysm V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		CIA Aneurysm Trans D	Diameter (SRT, M-02550)		mm	X
X		Pop A Aneurysm AP D	Diameter (SRT, M-02550)		mm	X
X		Pop A Aneurysm Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Pop A Aneurysm T	Acceleration Time (LN, 20168-1)		ms	
X		Pop A Aneurysm Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Pop A Aneurysm A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		Pop A Aneurysm A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		Pop A Aneurysm Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		Pop A Aneurysm A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Pop A Aneurysm FV	Volume Flow (LN, 33878-0)		L/min	
X		Pop A Aneurysm TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Pop A Aneurysm D	Diameter (SRT, M-02550)		mm	
X		Pop A Aneurysm D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		Pop A Aneurysm D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		Pop A Aneurysm Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Pop A Aneurysm A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Pop A Aneurysm D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Pop A Aneurysm FV	Volume Flow (LN, 33878-0)		L/min	
X		Pop A Aneurysm TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Pop A Aneurysm ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Pop A Aneurysm MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Pop A Aneurysm Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Pop A Aneurysm PI	Pulsatility Index (LN, 12008-9)			
X		Pop A Aneurysm PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Pop A Aneurysm PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Pop A Aneurysm PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Pop A Aneurysm RI	Resistivity Index (LN, 12023-8)			
X		Pop A Aneurysm SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Pop A Aneurysm TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Pop A Aneurysm TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Pop A Aneurysm PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Pop A Aneurysm Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Pop A Aneurysm V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Pop A Aneurysm V1/V2	Velocity ratio (LN, 33867-3)			
X		Pop A Aneurysm V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		Pop A Aneurysm Trans D	Diameter (SRT, M-02550)		mm	X
		Profunda Femoris Artery	Container : Profunda Femoris Artery (SRT, T-47440)			
X	X	DFA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	DFA A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	DFA A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	DFA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	DFA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	DFA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	DFA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	DFA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	DFA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	DFA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	DFA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	DFA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	DFA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	DFA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	DFA V1/V2	Velocity ratio (LN, 33867-3)			
X	X	DFA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	DFA T	Acceleration Time (LN, 20168-1)		ms	
X	X	DFA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	DFA D	Diameter (SRT, M-02550)		mm	
X	X	DFA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	DFA PI	Pulsatility Index (LN, 12008-9)			
X	X	DFA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	DFA RI	Resistivity Index (LN, 12023-8)			
X	X	DFA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	DFA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	DFA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	DFA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	DFA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	DFA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	DFA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	DFA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	DFA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	DFA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Deep Femoral Artery Stent	Container : Deep Femoral Artery Stent (99SIEMENS, DFASent)			
X		DFA Stent Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		DFA Stent T	Acceleration Time (LN, 20168-1)		ms	
X		DFA Stent Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		DFA Stent A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		DFA Stent A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		DFA Stent Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		DFA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		DFA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X		DFA Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		DFA Stent D	Distance (DCM, 121206)		mm	
X		DFA Stent D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		DFA Stent D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		DFA Stent Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		DFA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		DFA Stent D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		DFA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X		DFA Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		DFA Stent ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		DFA Stent MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		DFA Stent Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		DFA Stent PI	Pulsatility Index (LN, 12008-9)			
X		DFA Stent PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		DFA Stent PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		DFA Stent PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		DFA Stent RI	Resistivity Index (LN, 12023-8)			
X		DFA Stent SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		DFA Stent TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		DFA Stent TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		DFA Stent PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		DFA Stent Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		DFA Stent V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		DFA Stent V1/V2	Velocity ratio (LN, 33867-3)			
X		DFA Stent V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Dorsalis Pedis Artery	Container : Dorsalis Pedis Artery (SRT, T-47741)			
X	X	DPA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	DPA T	Acceleration Time (LN, 20168-1)		ms	
X	X	DPA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	DPA A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	DPA A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	DPA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	DPA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	DPA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	DPA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	DPA D	Diameter (SRT, M-02550)		mm	
X	X	DPA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	DPA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	DPA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	DPA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	DPA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	DPA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	DPA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	DPA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	DPA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	DPA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	DPA PI	Pulsatility Index (LN, 12008-9)			
X	X	DPA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	DPA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	DPA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	DPA RI	Resistivity Index (LN, 12023-8)			
X	X	DPA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	DPA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	DPA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	DPA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	DPA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	DPA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	DPA V1/V2	Velocity ratio (LN, 33867-3)			
X	X	DPA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Internal Iliac Artery AP	Container : Internal Iliac Artery AP (99SIEMENS, IIAAP)			
X		IIA AP D	Distance (DCM, 121206)		mm	X
		Internal Iliac Artery	Container : Internal Iliac Artery (SRT, T-46740)			
X		IIA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		IIA T	Acceleration Time (LN, 20168-1)		ms	
X		IIA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		IIA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		IIA FV	Volume Flow (LN, 33878-0)		L/min	
X		IIA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		IIA D	Diameter (SRT, M-02550)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		IIA T	Time (99SIEMENS, Time)		ms	
X		IIA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		IIA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		IIA FV	Volume Flow (LN, 33878-0)		L/min	
X		IIA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		IIA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		IIA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		IIA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		IIA PI	Pulsatility Index (LN, 12008-9)			
X		IIA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		IIA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		IIA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		IIA RI	Resistivity Index (LN, 12023-8)			
X		IIA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		IIA TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		IIA TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		IIA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		IIA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		IIA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		IIA V1/V2	Velocity ratio (LN, 33867-3)			
X		IIA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Internal Iliac Artery Trans	Container : Internal Iliac Artery Trans (99SIEMENS, IIA TRANS)			
X		IIA Trans D	Distance (DCM, 121206)		mm	X
		Peroneal Artery	Container : Peroneal Artery (SRT, T-47630)			
X	X	Peroneal A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Peroneal AA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Peroneal AA2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Peroneal A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Peroneal A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Peroneal A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Peroneal A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Peroneal A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Peroneal Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Peroneal PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Peroneal PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Peroneal A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Peroneal A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Peroneal A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Peroneal A V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Peroneal A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Peroneal A T	Acceleration Time (LN, 20168-1)		ms	
X	X	Peroneal A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Peroneal A D	Diameter (SRT, M-02550)		mm	
X	X	Peroneal A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Peroneal A PI	Pulsatility Index (LN, 12008-9)			
X	X	Peroneal A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Peroneal A RI	Resistivity Index (LN, 12023-8)			
X	X	Peroneal A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Peroneal A TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Peroneal A TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Peroneal A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Peroneal A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Peroneal AA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Peroneal AA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Peroneal A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Peroneal A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Peroneal A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Popliteal Artery	Container : Popliteal Artery (SRT, T-47500)			
X	X	Pop A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Pop AA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Pop AA2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Pop A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Pop A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Pop A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Pop A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Pop A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Pop A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Pop A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Pop A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Pop A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Pop A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Pop A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Pop A V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Pop A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	Pop A T	Acceleration Time (LN, 20168-1)		ms	
X	X	Pop A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Pop A D	Diameter (SRT, M-02550)		mm	
X	X	Pop A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Pop A PI	Pulsatility Index (LN, 12008-9)			
X	X	Pop A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Pop A RI	Resistivity Index (LN, 12023-8)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Pop A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Pop A TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Pop A TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Pop A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Pop A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Pop A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X	X	Pop A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X	X	Pop A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Pop A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Pop A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Posterior Tibial Artery	Container : Posterior Tibial Artery (SRT, T-47600)			
X	X	PTA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	PTA A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	
X	X	PTA A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm²	
X	X	PTA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	PTA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	PTA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	PTA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	PTA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	PTA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	PTA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	PTA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	PTA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	PTA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	PTA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	PTA V1/V2	Velocity ratio (LN, 33867-3)			
X	X	PTA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	PTA T	Acceleration Time (LN, 20168-1)		ms	
X	X	PTA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	PTA D	Diameter (SRT, M-02550)		mm	
X	X	PTA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	PTA PI	Pulsatility Index (LN, 12008-9)			
X	X	PTA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	PTA RI	Resistivity Index (LN, 12023-8)			
X	X	PTA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	PTA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	PTA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	PTA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	PTA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	PTA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	PTA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	PTA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	PTA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	PTA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Superficial Femoral Artery	Container : Superficial Femoral Artery (SRT, T-47403)			
X	X	SFA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	SFA A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	SFA A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	SFA Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	SFA D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	SFA D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	SFA Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	SFA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	SFA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	SFA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	SFA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	SFA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	SFA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	SFA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	SFA V1/V2	Velocity ratio (LN, 33867-3)			
X	X	SFA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	SFA T	Acceleration Time (LN, 20168-1)		ms	
X	X	SFA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	SFA D	Diameter (SRT, M-02550)		mm	
X	X	SFA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	SFA PI	Pulsatility Index (LN, 12008-9)			
X	X	SFA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	SFA RI	Resistivity Index (LN, 12023-8)			
X	X	SFA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	SFA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	SFA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	SFA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	SFA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	SFA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	SFA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	SFA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	SFA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	SFA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Tibioperoneal Trunk	Container : Tibioperoneal Trunk (SRT, T-4704A)			
X		T-P Trunk Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		T-P Trunk T	Acceleration Time (LN, 20168-1)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		T-P Trunk Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		T-P Trunk A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		T-P Trunk A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		T-P Trunk Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		T-P Trunk A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		T-P Trunk FV	Volume Flow (LN, 33878-0)		L/min	
X		T-P Trunk TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		T-P Trunk D	Distance (DCM, 121206)		mm	
X		T-P Trunk D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		T-P Trunk D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		T-P Trunk Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		T-P Trunk A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		T-P Trunk D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		T-P Trunk FV	Volume Flow (LN, 33878-0)		L/min	
X		T-P Trunk TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		T-P Trunk ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		T-P Trunk MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		T-P Trunk Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		T-P Trunk PI	Pulsatility Index (LN, 12008-9)			
X		T-P Trunk PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		T-P Trunk PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		T-P Trunk PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		T-P Trunk RI	Resistivity Index (LN, 12023-8)			
X		T-P Trunk SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		T-P Trunk TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		T-P Trunk TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		T-P Trunk PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		T-P Trunk Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		T-P Trunk V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		T-P Trunk V1/V2	Velocity ratio (LN, 33867-3)			
X		T-P Trunk V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	

9.2.6 Vein of Lower Extremity

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Vein of Lower Extremity	Container : Findings (DCM, 121070)	Finding Site: Vein of Lower Extremity (SRT, T-49403)		
		Anterior Tibial Vein	Container : Anterior Tibial Vein (SRT, T-49630)			
X	X	ATV 1 D	Diameter (SRT, M-02550)		mm	X
X	X	ATV 1 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	ATV 1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	ATV 2 D	Diameter (SRT, M-02550)		mm	X
X	X	ATV 2 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	ATV 2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	ATV 1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	ATV 1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	ATV 1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	ATV 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	ATV 1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	ATV 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	ATV 1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	ATV 1 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	ATV 1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	ATV 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	ATV 1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	ATV 1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	ATV 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	ATV 1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	ATV 2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	ATV 2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	ATV 2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	ATV 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	ATV 2 FV	Volume Flow (LN, 33878-0)		L/min	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	ATV 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	ATV 2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	ATV 2 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	ATV 2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	ATV 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	ATV 2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	ATV 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	ATV 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	ATV 2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Common Femoral Vein	Container : Common Femoral Vein (SRT, G-035B)			
X	X	CFV D	Diameter (SRT, M-02550)		mm	X
X	X	CFV T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	CFV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	CFV A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	CFV A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	CFV Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	CFV A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	CFV FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	CFV TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	CFV D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	CFV D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	CFV Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	CFV A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	CFV D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	CFV FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	CFV TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	CFV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Common Iliac Vein	Container : Common Iliac Vein (SRT, T-48920)			
X	X	CIV D	Diameter (SRT, M-02550)		mm	X
X	X	CIV T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	CIV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	CIV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		External Iliac Vein	Container : External Iliac Vein (SRT, T-48930)			
X	X	EIV D	Diameter (SRT, M-02550)		mm	X
X	X	EIV T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	EIV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	EIV A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	EIV FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	EIV TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	EIV A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	EIV D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	EIV FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	EIV TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	EIV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Femoral Vein	Container : Femoral Vein (SRT, T-49410)			
X	X	Fem V D	Diameter (SRT, M-02550)		mm	X
X	X	Fem V T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	Fem V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Fem V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Fem V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Fem V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Fem V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Fem V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Fem V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Fem V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Fem V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Fem V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Fem V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Fem V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Fem V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Fem V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Fem V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Boyd's perforating Vein	Container : Boyd's perforating Vein (SRT, T-49424)			
X		Boyd's Perf A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		Boyd's Perf A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		Boyd's Perf Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		Boyd's Perf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Boyd's Perf FV	Volume Flow (LN, 33878-0)		L/min	X
X		Boyd's Perf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Boyd's Perf D	Diameter (SRT, M-02550)		mm	X
X		Boyd's Perf D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		Boyd's Perf D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		Boyd's Perf Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		Boyd's Perf T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		Boyd's Perf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Boyd's Perf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Boyd's Perf FV	Volume Flow (LN, 33878-0)		L/min	X
X		Boyd's Perf	Time averaged mean velocity of Volume Flow (99SIEMENS,		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		TAmn	VolFTAMn)			
X		Boyd's Perf PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Boyd's Perf Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Cockett's perforating Vein	Container : Cockett's perforating Vein (SRT, T-49426)			
X		Cockett's Perf 1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		Cockett's Perf 1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		Cockett's Perf 1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		Cockett's Perf 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Cockett's Perf 1 FV	Volume Flow (LN, 33878-0)		L/min	X
X		Cockett's Perf 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Cockett's Perf 1 D	Diameter (SRT, M-02550)		mm	X
X		Cockett's Perf 1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		Cockett's Perf 1 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		Cockett's Perf 1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		Cockett's Perf 1 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		Cockett's Perf 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Cockett's Perf 1	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		D				
X		Cockett's Perf 1 FV	Volume Flow (LN, 33878-0)		L/min	X
X		Cockett's Perf 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Cockett's Perf 1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Cockett's Perf 1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		Cockett's Perf 1 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	X
X		Cockett's Perf 1 V1/V2	Velocity ratio (LN, 33867-3)			X
X		Cockett's Perf 1 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	X
X		Cockett's Perf 2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		Cockett's Perf 2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		Cockett's Perf 2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		Cockett's Perf 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Cockett's Perf 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X		Cockett's Perf 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Cockett's Perf 2 D	Diameter (SRT, M-02550)		mm	X
X		Cockett's Perf 2	Vessel Intimal Diameter (SRT, R-1025C)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		D1				
X		Cockett's Perf 2 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		Cockett's Perf 2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		Cockett's Perf 2 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		Cockett's Perf 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Cockett's Perf 2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Cockett's Perf 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X		Cockett's Perf 2 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Cockett's Perf 2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Cockett's Perf 2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		Cockett's Perf 2 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	X
X		Cockett's Perf 2 V1/V2	Velocity ratio (LN, 33867-3)			X
X		Cockett's Perf 2 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	X
X		Cockett's Perf 3 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		Cockett's Perf 3 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		Cockett's Perf 3 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Cockett's Perf 3 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Cockett's Perf 3 FV	Volume Flow (LN, 33878-0)		L/min	X
X		Cockett's Perf 3 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Cockett's Perf 3 D	Diameter (SRT, M-02550)		mm	X
X		Cockett's Perf 3 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		Cockett's Perf 3 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		Cockett's Perf 3 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		Cockett's Perf 3 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		Cockett's Perf 3 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Cockett's Perf 3 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Cockett's Perf 3 FV	Volume Flow (LN, 33878-0)		L/min	X
X		Cockett's Perf 3 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Cockett's Perf 3 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Cockett's Perf 3 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		Cockett's Perf 3 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	X
X		Cockett's Perf 3	Velocity ratio (LN, 33867-3)			X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		V1/V2				
X		Cockett's Perf 3 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	X
		Profunda Femoris Vein	Container : Profunda Femoris Vein (SRT, T-49660)			
X	X	Deep Fem V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Deep Fem V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Deep Fem V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Deep Fem V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Deep Fem V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Deep Fem V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Deep Fem V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Deep Fem V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Deep Fem V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Deep Fem V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Deep Fem V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Deep Fem V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Deep Fem V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Deep Fem V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Deep Fem V D	Diameter (SRT, M-02550)		mm	X
X	X	Deep Fem V T	Reflux Time (99SIEMENS, RefluxTime)		ms	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Deep Fem V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Dodd Perforator	Container : Dodd Perforator (99SIEMENS, DoddPerforator)			
X		Dodd Perf A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	X
X		Dodd Perf A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm²	X
X		Dodd Perf Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		Dodd Perf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		Dodd Perf FV	Volume Flow (LN, 33878-0)		L/min	X
X		Dodd Perf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Dodd Perf D	Diameter (SRT, M-02550)		mm	X
X		Dodd Perf D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		Dodd Perf D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		Dodd Perf Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		Dodd Perf T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		Dodd Perf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		Dodd Perf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Dodd Perf FV	Volume Flow (LN, 33878-0)		L/min	X
X		Dodd Perf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Dodd Perf PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Dodd Perf Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Great Saphenous Vein	Container : Great Saphenous Vein (SRT, T-49530)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		GSV Ankle A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		GSV Ankle A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		GSV Ankle Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		GSV Ankle A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Ankle FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Ankle TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Ankle D	Diameter (SRT, M-02550)		mm	X
X		GSV Ankle D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		GSV Ankle D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		GSV Ankle Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		GSV Ankle T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		GSV Ankle A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Ankle D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		GSV Ankle FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Ankle TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Ankle PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		GSV Ankle Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		GSV Knee A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		GSV Knee A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		GSV Knee Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		GSV Knee A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Knee FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Knee TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Knee D	Diameter (SRT, M-02550)		mm	X
X		GSV Knee D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		GSV Knee D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		GSV Knee Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		GSV Knee T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		GSV Knee A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Knee D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		GSV Knee FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Knee TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Knee PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		GSV Knee Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Great Saphenous Vein of Calf	Container : Great Saphenous Vein of Calf (SRT, R-1025A)			
X		GSV Lower Calf A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		GSV Lower Calf A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		GSV Lower Calf Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		GSV Lower Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		GSV Lower Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Lower Calf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Lower Calf D	Diameter (SRT, M-02550)		mm	X
X		GSV Lower Calf D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		GSV Lower Calf D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		GSV Lower Calf Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		GSV Lower Calf T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		GSV Lower Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		GSV Lower Calf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		GSV Lower Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Lower Calf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Lower Calf PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		GSV Lower Calf Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		GSV Mid Calf A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		GSV Mid Calf A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		GSV Mid Calf Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		GSV Mid Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Mid Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Mid Calf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Mid Calf D	Diameter (SRT, M-02550)		mm	X
X		GSV Mid Calf D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		GSV Mid Calf D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		GSV Mid Calf Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		GSV Mid Calf T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		GSV Mid Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Mid Calf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		GSV Mid Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Mid Calf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Mid Calf PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		GSV Mid Calf Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		GSV Upper Calf A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		GSV Upper Calf A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		GSV Upper Calf Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		GSV Upper Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Upper Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Upper Calf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Upper Calf D	Diameter (SRT, M-02550)		mm	X
X		GSV Upper Calf D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		GSV Upper Calf D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		GSV Upper Calf Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		GSV Upper Calf T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		GSV Upper Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Upper Calf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		GSV Upper Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Upper Calf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Upper Calf PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		GSV Upper Calf Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Great Saphenous Vein of Thigh	Container : Great Saphenous Vein of Thigh (SRT, R-10259)			
X		GSV Lower Thigh A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		GSV Lower Thigh A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		GSV Lower Thigh Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		GSV Lower Thigh A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Lower Thigh FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Lower Thigh TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Lower Thigh D	Diameter (SRT, M-02550)		mm	X
X		GSV Lower Thigh D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		GSV Lower Thigh D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		GSV Lower Thigh Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		GSV Lower Thigh T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		GSV Lower Thigh A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Lower Thigh D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		GSV Lower Thigh FV	Volume Flow (LN, 33878-0)		L/min	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		GSV Lower Thigh TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Lower Thigh PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		GSV Lower Thigh Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		GSV Mid Thigh A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		GSV Mid Thigh A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		GSV Mid Thigh Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		GSV Mid Thigh A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Mid Thigh FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Mid Thigh TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Mid Thigh D	Diameter (SRT, M-02550)		mm	X
X		GSV Mid Thigh D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		GSV Mid Thigh D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		GSV Mid Thigh Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		GSV Mid Thigh T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		GSV Mid Thigh A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Mid Thigh D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		GSV Mid Thigh FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Mid Thigh TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Mid Thigh PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		GSV Mid Thigh Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		GSV Upper Thigh A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		GSV Upper Thigh A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		GSV Upper Thigh Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		GSV Upper Thigh A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		GSV Upper Thigh FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Upper Thigh TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Upper Thigh D	Diameter (SRT, M-02550)		mm	X
X		GSV Upper Thigh D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		GSV Upper Thigh D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		GSV Upper Thigh Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		GSV Upper Thigh T	Reflux Time (99SIEMENS, RefluxTime)		ms	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		GSV Upper Thigh A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		GSV Upper Thigh D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		GSV Upper Thigh FV	Volume Flow (LN, 33878-0)		L/min	X
X		GSV Upper Thigh TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		GSV Upper Thigh PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		GSV Upper Thigh Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Hunterian perforating Vein	Container : Hunterian perforating Vein (SRT, T-4942A)			
X		Hunterian Perf A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	X
X		Hunterian Perf A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm²	X
X		Hunterian Perf Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		Hunterian Perf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		Hunterian Perf FV	Volume Flow (LN, 33878-0)		L/min	X
X		Hunterian Perf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Hunterian Perf D	Diameter (SRT, M-02550)		mm	X
X		Hunterian Perf D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Hunterian Perf D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		Hunterian Perf Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		Hunterian Perf T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		Hunterian Perf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Hunterian Perf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Hunterian Perf FV	Volume Flow (LN, 33878-0)		L/min	X
X		Hunterian Perf TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Hunterian Perf PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Hunterian Perf Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Internal Iliac Vein	Container : Internal Iliac Vein (SRT, T-48940)			
X		IIV A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		IIV FV	Volume Flow (LN, 33878-0)		L/min	X
X		IIV TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		IIV D	Diameter (SRT, M-02550)		mm	X
X		IIV T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		IIV A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		IIV D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		IIV FV	Volume Flow (LN, 33878-0)		L/min	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		IIV TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		IIV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		IIV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Gastrocnemius Vein	Container : Gastrocnemius Vein (SRT, T-4942D)			
X	X	Lat Gastroc V 1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	X
X	X	Lat Gastroc V 1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm²	X
X	X	Lat Gastroc V 1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Lat Gastroc V 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X	X	Lat Gastroc V 1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Lat Gastroc V 1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Lat Gastroc V 1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Lat Gastroc V 1 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Lat Gastroc V 1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Lat Gastroc V 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X	X	Lat Gastroc V 1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Lat Gastroc V 1 FV	Volume Flow (LN, 33878-0)		L/min	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Lat Gastroc V 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Lat Gastroc V 1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Lat Gastroc V 2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Lat Gastroc V 2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Lat Gastroc V 2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Lat Gastroc V 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Lat Gastroc V 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Lat Gastroc V 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Lat Gastroc V 2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Lat Gastroc V 2 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Lat Gastroc V 2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Lat Gastroc V 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Lat Gastroc V 2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Lat Gastroc V 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Lat Gastroc V 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Lat Gastroc V 2	Pressure Gradient (SRT, F-023F7)		mmHg	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		PG				
X	X	Med Gastroc V 1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Med Gastroc V 1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Med Gastroc V 1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Med Gastroc V 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Med Gastroc V 1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Med Gastroc V 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Med Gastroc V 1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Med Gastroc V 1 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Med Gastroc V 1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Med Gastroc V 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Med Gastroc V 1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Med Gastroc V 1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Med Gastroc V 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Med Gastroc V 1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Med Gastroc V 2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Med Gastroc V 2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Med Gastroc V 2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Med Gastroc V 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Med Gastroc V 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Med Gastroc V 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Med Gastroc V 2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Med Gastroc V 2 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Med Gastroc V 2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Med Gastroc V 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Med Gastroc V 2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Med Gastroc V 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Med Gastroc V 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Med Gastroc V 2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Lat Gastroc V 1 D	Diameter (SRT, M-02550)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Lat Gastroc V 1 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	Lat Gastroc V 1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Lat Gastroc V 2 D	Diameter (SRT, M-02550)		mm	X
X	X	Lat Gastroc V 2 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	Lat Gastroc V 2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Med Gastroc V 1 D	Diameter (SRT, M-02550)		mm	X
X	X	Med Gastroc V 1 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	Med Gastroc V 1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Med Gastroc V 2 D	Diameter (SRT, M-02550)		mm	X
X	X	Med Gastroc V 2 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	Med Gastroc V 2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Peroneal Vein	Container : Peroneal Vein (SRT, T-49640)			
X	X	Peroneal V 1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Peroneal V 1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Peroneal V 1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Peroneal V 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Peroneal V 1 FV	Volume Flow (LN, 33878-0)		L/min	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Peroneal V 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Peroneal V 1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Peroneal V 1 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Peroneal V 1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Peroneal V 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Peroneal V 1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Peroneal V 1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Peroneal V 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Peroneal V 1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Peroneal V 2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Peroneal V 2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Peroneal V 2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Peroneal V 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Peroneal V 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Peroneal V 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Peroneal V 2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Peroneal V 2 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Peroneal V 2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Peroneal V 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X	X	Peroneal V 2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Peroneal V 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Peroneal V 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Peroneal V 2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Peroneal V 1 D	Diameter (SRT, M-02550)		mm	X
X	X	Peroneal V 1 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	Peroneal V 1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Peroneal V 2 D	Diameter (SRT, M-02550)		mm	X
X	X	Peroneal V 2 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	Peroneal V 2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Popliteal Vein	Container : Popliteal Vein (SRT, T-49650)			
X	X	Pop V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	X
X	X	Pop V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm²	X
X	X	Pop V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Pop V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X	X	Pop V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Pop V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Pop V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Pop V D2	Vessel lumen diameter (SRT, G-0364)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Pop V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Pop V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Pop V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Pop V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Pop V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Pop V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Pop V D	Diameter (SRT, M-02550)		mm	X
X	X	Pop V T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	Pop V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Posterior Tibial Vein	Container : Posterior Tibial Vein (SRT, T-49620)			
X	X	PTV 1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	PTV 1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	PTV 1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	PTV 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	PTV 1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	PTV 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	PTV 1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	PTV 1 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	PTV 1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	PTV 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	PTV 1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	PTV 1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	PTV 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAmn)		cm/s	X
X	X	PTV 1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	PTV 2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	PTV 2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	PTV 2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	PTV 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	PTV 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	PTV 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAmn)		cm/s	X
X	X	PTV 2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	PTV 2 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	PTV 2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	PTV 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	PTV 2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	PTV 2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	PTV 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAmn)		cm/s	X
X	X	PTV 2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	PTV 1 D	Diameter (SRT, M-02550)		mm	X
X	X	PTV 1 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	PTV 1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	PTV 2 D	Diameter (SRT, M-02550)		mm	X
X	X	PTV 2 T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	PTV 2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Saphenofemoral Junction	Container : Saphenofemoral Junction (SRT, T-D930A)			
X		SFJ A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		SFJ A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		SFJ Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		SFJ A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SFJ FV	Volume Flow (LN, 33878-0)		L/min	X
X		SFJ TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SFJ D	Diameter (SRT, M-02550)		mm	X
X		SFJ D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		SFJ D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		SFJ Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		SFJ T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		SFJ A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SFJ D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		SFJ FV	Volume Flow (LN, 33878-0)		L/min	X
X		SFJ TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		SFJ PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		SFJ Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Soleal Vein	Container : Soleal Vein (SRT, G-036B)			
X	X	Soleus V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Soleus V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Soleus V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Soleus V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Soleus V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Soleus V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Soleus V D	Diameter (SRT, M-02550)		mm	X
X	X	Soleus V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Soleus V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Soleus V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Soleus V T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X	X	Soleus V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Soleus V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Soleus V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Soleus V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Soleus V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Soleus V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Saphenopopliteal Junction	Container : Saphenopopliteal Junction (SRT, T-4941A)			
X		SPJ A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		SPJ A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		SPJ Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		SPJ A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SPJ FV	Volume Flow (LN, 33878-0)		L/min	X
X		SPJ TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SPJ D	Diameter (SRT, M-02550)		mm	X
X		SPJ D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		SPJ D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		SPJ Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		SPJ T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		SPJ A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SPJ D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		SPJ FV	Volume Flow (LN, 33878-0)		L/min	X
X		SPJ TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SPJ PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		SPJ Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Lesser Saphenous Vein	Container : Lesser Saphenous Vein (SRT, T-49550)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		SSV Ankle A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		SSV Ankle A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		SSV Ankle Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		SSV Ankle A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SSV Ankle FV	Volume Flow (LN, 33878-0)		L/min	X
X		SSV Ankle TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SSV Ankle D	Diameter (SRT, M-02550)		mm	X
X		SSV Ankle D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		SSV Ankle D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		SSV Ankle Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		SSV Ankle T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		SSV Ankle A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SSV Ankle D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		SSV Ankle FV	Volume Flow (LN, 33878-0)		L/min	X
X		SSV Ankle TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SSV Ankle PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		SSV Ankle Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		SSV Lower Calf A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		SSV Lower Calf A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		SSV Lower Calf Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		SSV Lower Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SSV Lower Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		SSV Lower Calf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SSV Lower Calf D	Diameter (SRT, M-02550)		mm	X
X		SSV Lower Calf D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		SSV Lower Calf D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		SSV Lower Calf Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		SSV Lower Calf T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		SSV Lower Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SSV Lower Calf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		SSV Lower Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		SSV Lower Calf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SSV Lower Calf PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		SSV Lower Calf Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		SSV Mid Calf A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		SSV Mid Calf A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X		SSV Mid Calf Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		SSV Mid Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SSV Mid Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		SSV Mid Calf TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SSV Mid Calf D	Diameter (SRT, M-02550)		mm	X
X		SSV Mid Calf D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		SSV Mid Calf D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		SSV Mid Calf Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		SSV Mid Calf T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		SSV Mid Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SSV Mid Calf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		SSV Mid Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		SSV Mid Calf TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SSV Mid Calf PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		SSV Mid Calf Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		SSV Upper Calf A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X		SSV Upper Calf A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		SSV Upper Calf Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X		SSV Upper Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SSV Upper Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		SSV Upper Calf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SSV Upper Calf D	Diameter (SRT, M-02550)		mm	X
X		SSV Upper Calf D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X		SSV Upper Calf D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X		SSV Upper Calf Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X		SSV Upper Calf T	Reflux Time (99SIEMENS, RefluxTime)		ms	X
X		SSV Upper Calf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		SSV Upper Calf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		SSV Upper Calf FV	Volume Flow (LN, 33878-0)		L/min	X
X		SSV Upper Calf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		SSV Upper Calf PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		SSV Upper Calf Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

9.2.7 Artery of Upper Extremity

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Artery of Upper Extremity	Container : Findings (DCM, 121070)	Finding Site: Artery of Upper Extremity (SRT, T-47020)		
		Arteriovenous Fistula	Container : Arteriovenous Fistula (SRT, M-39390)			
X	X	AVF T	Acceleration Time (LN, 20168-1)		ms	
X	X	AVF Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	AVF D	Diameter (SRT, M-02550)		mm	
X	X	AVF ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	AVF PI	Pulsatility Index (LN, 12008-9)			
X	X	AVF PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	AVF RI	Resistivity Index (LN, 12023-8)			
X	X	AVF SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	AVF TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	AVF TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	AVF FV	Volume Flow (LN, 33878-0)		L/min	
X	X	AVF FV	Volume Flow (LN, 33878-0)		L/min	
X	X	AVF A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	AVF A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	AVF D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	AVF TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	AVF TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS,		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
			VolFTAMn)			
X	X	AVF Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	AVF A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	AVF A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	AVF Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	AVF D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	AVF D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	AVF Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	AVF MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	AVF Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	AVF PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	AVF PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	AVF PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	AVF Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	AVF V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	AVF V1/V2	Velocity ratio (LN, 33867-3)			
X	X	AVF V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		AVF Inflow Artery	Container : AVF Inflow Artery (99SIEMENS, AVFInflowArtery)			
X	X	Inflow A T	Acceleration Time (LN, 20168-1)		ms	
X	X	Inflow A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Inflow A D	Diameter (SRT, M-02550)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Inflow A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Inflow A PI	Pulsatility Index (LN, 12008-9)			
X	X	Inflow A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Inflow A RI	Resistivity Index (LN, 12023-8)			
X	X	Inflow A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Inflow A TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Inflow A TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Inflow A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Inflow A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Inflow A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Inflow A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Inflow A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Inflow A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Inflow A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Inflow A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Inflow A A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Inflow A A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Inflow A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Inflow A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Inflow A D2	Vessel lumen diameter (SRT, G-0364)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Inflow A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Inflow A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Inflow A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Inflow A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Inflow A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Inflow A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Inflow A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Inflow A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Inflow A V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Inflow A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Axillary Artery	Container : Axillary Artery (SRT, T-47100)			
X	X	Axillary A T	Acceleration Time (LN, 20168-1)		ms	
X	X	Axillary A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Axillary A D	Diameter (SRT, M-02550)		mm	
X	X	Axillary A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Axillary A PI	Pulsatility Index (LN, 12008-9)			
X	X	Axillary A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Axillary A RI	Resistivity Index (LN, 12023-8)			
X	X	Axillary A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Axillary A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Axillary A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Axillary A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Axillary A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Axillary A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X	X	Axillary A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X	X	Axillary A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Axillary A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Axillary A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Axillary A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Axillary A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Axillary A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Axillary A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Axillary A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Axillary A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Axillary A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Axillary A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Axillary A V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Axillary A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Brachial Artery	Container : Brachial Artery (SRT, T-47160)			
X	X	Brachial A T	Acceleration Time (LN, 20168-1)		ms	
X	X	Brachial A Accel	Acceleration Index (LN, 20167-3)		m/s²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Brachial A D	Diameter (SRT, M-02550)		mm	
X	X	Brachial A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Brachial A PI	Pulsatility Index (LN, 12008-9)			
X	X	Brachial A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Brachial A RI	Resistivity Index (LN, 12023-8)			
X	X	Brachial A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Brachial A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Brachial A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Brachial A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Brachial A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Brachial A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X	X	Brachial A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X	X	Brachial A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Brachial A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Brachial A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Brachial A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Brachial A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Brachial Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Brachial A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Brachial A	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		PI_TCD				
X	X	Brachial A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Brachial A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Brachial A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Brachial A V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Brachial A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Deep Brachial Artery	Container : Deep Brachial Artery (99SIEMENS, DeepBrachialA)			
X	X	Deep Brachial A T	Acceleration Time (LN, 20168-1)		ms	
X	X	Deep Brachial A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Deep Brachial A D	Diameter (SRT, M-02550)		mm	
X	X	Deep Brachial A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Deep Brachial A PI	Pulsatility Index (LN, 12008-9)			
X	X	Deep Brachial A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Deep Brachial A RI	Resistivity Index (LN, 12023-8)			
X	X	Deep Brachial A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Deep Brachial A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Deep Brachial A	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		TAmx				
X	X	Deep Brachial A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Deep Brachial A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Deep Brachial A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Deep Brachial A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Deep Brachial A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Deep Brachial A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Deep Brachial A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Deep Brachial A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Deep Brachial A A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Deep Brachial A A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Deep Brachial A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Deep Brachial A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Deep Brachial A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Deep Brachial A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Deep Brachial A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Deep Brachial A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Deep Brachial A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Deep Brachial A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Deep Brachial A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Deep Brachial A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Deep Brachial A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Deep Brachial A V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Deep Brachial A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Anastomosis	Container : Anastomosis (99SIEMENS, Anastomosis)			
X	X	Anast Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Anast T	Acceleration Time (LN, 20168-1)		ms	
X	X	Anast Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Anast A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Anast A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Anast Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Anast A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Anast FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Anast TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Anast D	Distance (DCM, 121206)		mm	
X	X	Anast D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Anast D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Anast Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Anast A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Anast D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Anast FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Anast TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Anast ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Anast MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Anast Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Anast PI	Pulsatility Index (LN, 12008-9)			
X	X	Anast PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Anast PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Anast PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Anast RI	Resistivity Index (LN, 12023-8)			
X	X	Anast SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Anast TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Anast TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Anast PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Anast Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Anast V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Anast V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Anast V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Inflow Vessel	Container : Inflow Vessel (99SIEMENS, InflowVessel)			
X	X	Inflow Vessel Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Inflow Vessel T	Acceleration Time (LN, 20168-1)		ms	
X	X	Inflow Vessel Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Inflow Vessel A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Inflow Vessel A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Inflow Vessel Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Inflow Vessel A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Inflow Vessel FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Inflow Vessel TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Inflow Vessel D	Distance (DCM, 121206)		mm	
X	X	Inflow Vessel D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Inflow Vessel D2	Vessel lumen diameter (SRT, G-0364)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Inflow Vessel Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Inflow Vessel A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Inflow Vessel D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Inflow Vessel FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Inflow Vessel TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Inflow Vessel ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Inflow Vessel MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Inflow Vessel Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Inflow Vessel PI	Pulsatility Index (LN, 12008-9)			
X	X	Inflow Vessel PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Inflow Vessel PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Inflow Vessel PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Inflow Vessel RI	Resistivity Index (LN, 12023-8)			
X	X	Inflow Vessel SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Inflow Vessel TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Inflow Vessel TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Inflow Vessel PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Inflow Vessel Vel	Blood velocity, peak (DCM, 122207)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Inflow Vessel V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Inflow Vessel V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Inflow Vessel V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Innominate Artery	Container : Innominate Artery (SRT, T-46010)			
		Innom A A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
		Innom A A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
		Innom A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
		Innom A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
		Innom A D2	Vessel lumen diameter (SRT, G-0364)		mm	
		Innom A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
		Innom A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		Innom Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		Innom A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		Innom A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		Innom A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		Innom A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		Innom A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Innom A D	Diameter (SRT, M-02550)		mm	
		Innom A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		Innom A PI	Pulsatility Index (LN, 12008-9)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Innom A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Innom A RI	Resistivity Index (LN, 12023-8)			
		Innom A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Innom A TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		Innom A FV	Volume Flow (LN, 33878-0)		L/min	
		Innom A FV	Volume Flow (LN, 33878-0)		L/min	
		Innom A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Innom A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Innom A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		Innom A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Innom A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Outflow Vein	Container : Outflow Vein (99SIEMENS, OutflowVein)			
X	X	Outflow V Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Outflow V T	Acceleration Time (LN, 20168-1)		ms	
X	X	Outflow V Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Outflow V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Outflow V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Outflow V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Outflow V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Outflow V FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Outflow V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Outflow V D	Distance (DCM, 121206)		mm	
X	X	Outflow V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Outflow V D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Outflow V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Outflow V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Outflow V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Outflow V FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Outflow V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Outflow V ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Outflow V MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Outflow V Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Outflow V PI	Pulsatility Index (LN, 12008-9)			
X	X	Outflow V PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Outflow V PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Outflow V PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Outflow V RI	Resistivity Index (LN, 12023-8)			
X	X	Outflow V SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Outflow V TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Outflow V TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Outflow V PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Outflow V Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Outflow V V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Outflow V V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Outflow V V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Outflow Vessel	Container : Outflow Vessel (99SIEMENS, OutflowVessel)			
X	X	Outflow Vessel Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Outflow Vessel T	Acceleration Time (LN, 20168-1)		ms	
X	X	Outflow Vessel Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Outflow Vessel A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Outflow Vessel A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Outflow Vessel Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Outflow Vessel A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Outflow Vessel FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Outflow Vessel TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Outflow Vessel D	Distance (DCM, 121206)		mm	
X	X	Outflow Vessel D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Outflow Vessel D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Outflow Vessel Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Outflow Vessel A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Outflow Vessel D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Outflow Vessel FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Outflow Vessel TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Outflow Vessel ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Outflow Vessel MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Outflow Vessel Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Outflow Vessel PI	Pulsatility Index (LN, 12008-9)			
X	X	Outflow Vessel PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Outflow Vessel PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Outflow Vessel PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Outflow Vessel RI	Resistivity Index (LN, 12023-8)			
X	X	Outflow Vessel SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Outflow Vessel TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Outflow Vessel TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Outflow Vessel PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Outflow Vessel Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Outflow Vessel V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Outflow Vessel V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Outflow Vessel V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Radial Artery	Container : Radial Artery (SRT, T-47300)			
X	X	Radial A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Radial A A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Radial A A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Radial A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Radial A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Radial A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Radial A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Radial A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Radial A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Radial A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Radial A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Radial A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Radial A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Radial A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Radial A V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Radial A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	Radial A T	Acceleration Time (LN, 20168-1)		ms	
X	X	Radial A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Radial A D	Diameter (SRT, M-02550)		mm	
X	X	Radial A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Radial A PI	Pulsatility Index (LN, 12008-9)			
X	X	Radial A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Radial A RI	Resistivity Index (LN, 12023-8)			
X	X	Radial A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Radial A TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Radial A TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Radial A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Radial A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Radial A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Radial A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Radial A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Radial A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Radial A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Subclavian Artery	Container : Subclavian Artery (SRT, T-46100)			
X	X	Subclav A A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	
X	X	Subclav A A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm²	
X	X	Subclav A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Subclav A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Subclav A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Subclav A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Subclav A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Subclav A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Subclav A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Subclav A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Subclav A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Subclav A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Subclav A D	Diameter (SRT, M-02550)		mm	
X	X	Subclav A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Subclav A PI	Pulsatility Index (LN, 12008-9)			
X	X	Subclav A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Subclav A RI	Resistivity Index (LN, 12023-8)			
X	X	Subclav A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Subclav A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Subclav A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Subclav A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Subclav A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Subclav A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Subclav A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Subclav A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Subclav A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Subclav A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Stent	Container : Stent (SRT, A-2550)			
X	X	UE Stent Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	UE Stent A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	UE Stent A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	UE Stent Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	UE Stent D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	UE Stent D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	UE Stent Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	UE Stent MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	UE Stent Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	UE Stent PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	UE Stent PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	UE Stent PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	UE Stent Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	UE Stent V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	UE Stent V1/V2	Velocity ratio (LN, 33867-3)			
X	X	UE Stent V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	UE Stent T	Acceleration Time (LN, 20168-1)		ms	
X	X	UE Stent Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	UE Stent D	Diameter (SRT, M-02550)		mm	
X	X	UE Stent ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	UE Stent PI	Pulsatility Index (LN, 12008-9)			
X	X	UE Stent PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	UE Stent RI	Resistivity Index (LN, 12023-8)			
X	X	UE Stent SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	UE Stent TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	UE Stent TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	UE Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	UE Stent FV	Volume Flow (LN, 33878-0)		L/min	
X	X	UE Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	UE Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	UE Stent D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	UE Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	UE Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Ulnar Artery	Container : Ulnar Artery (SRT, T-47200)			
X	X	Ulnar A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Ulnar A A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Ulnar A A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Ulnar A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Ulnar A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Ulnar A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Ulnar A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Ulnar A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Ulnar A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Ulnar A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Ulnar A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Ulnar A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Ulnar A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Ulnar A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Ulnar A V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Ulnar A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	Ulnar A T	Acceleration Time (LN, 20168-1)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Ulnar A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Ulnar A D	Diameter (SRT, M-02550)		mm	
X	X	Ulnar A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Ulnar A PI	Pulsatility Index (LN, 12008-9)			
X	X	Ulnar A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Ulnar A RI	Resistivity Index (LN, 12023-8)			
X	X	Ulnar A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Ulnar A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Ulnar A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Ulnar A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Ulnar A FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Ulnar A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Ulnar A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Ulnar A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Ulnar A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Ulnar A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Venous Anastomosis	Container : Venous Anastomosis (99SIEMENS, VenousAnast)			
X	X	Venous Anast Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Venous Anast T	Acceleration Time (LN, 20168-1)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Venous Anast A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X	X	Venous Anast A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X	X	Venous Anast Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X	X	Venous Anast A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Venous Anast FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Venous Anast TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Venous Anast D	Distance (DCM, 121206)		mm	
X	X	Venous Anast D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X	X	Venous Anast D2	Vessel lumen diameter (SRT, G-0364)		mm	
X	X	Venous Anast Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X	X	Venous Anast A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Venous Anast D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Venous Anast FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Venous Anast TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Venous Anast ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Venous Anast MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Venous Anast Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Venous Anast PI	Pulsatility Index (LN, 12008-9)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Venous Anast PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Venous Anast PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Venous Anast PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Venous Anast RI	Resistivity Index (LN, 12023-8)			
X	X	Venous Anast SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Venous Anast TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Venous Anast TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Venous Anast PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Venous Anast Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Venous Anast V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Venous Anast V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Venous Anast V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	

9.2.8 Vein of Upper Extremity

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Vein of Upper Extremity	Container : Findings (DCM, 121070)	Finding Site: Vein of Upper Extremity (SRT, T-49103)		
		Axillary Vein	Container : Axillary Vein (SRT, T-49110)			
X	X	Axillary Vein D	Diameter (SRT, M-02550)		mm	X
X	X	Axillary Vein Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Axillary Vein A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X	X	Axillary Vein FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Axillary Vein TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Axillary Vein T	Time (99SIEMENS, Time)		ms	X
X	X	Axillary Vein A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X	X	Axillary Vein D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Axillary Vein FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Axillary Vein TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Axillary Vein PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Basilic Vein	Container : Basilic Vein (SRT, T-48052)			
X	X	Basilic V D	Diameter (SRT, M-02550)		mm	X
X	X	Basilic V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Basilic V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	X
X	X	Basilic V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm²	X
X	X	Basilic V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Basilic V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X	X	Basilic V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Basilic V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Basilic V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Basilic V D2	Vessel lumen diameter (SRT, G-0364)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Basilic V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Basilic V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Basilic V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Basilic V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Basilic V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Basilic V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Brachial Vein	Container : Brachial Vein (SRT, T-49350)			
X	X	Brachial V1 D	Diameter (SRT, M-02550)		mm	X
X	X	Brachial V1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Brachial V2 D	Diameter (SRT, M-02550)		mm	X
X	X	Brachial V2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Brachial V1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Brachial V1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Brachial V1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Brachial V1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Brachial V1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Brachial V1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Brachial V1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Brachial V1 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Brachial V1	Lumen Diameter Stenosis (SRT, R-101BB)		%	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Steno				
X	X	Brachial V1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Brachial V1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Brachial V1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Brachial V1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Brachial V1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Brachial V2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Brachial V2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Brachial V2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Brachial V2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Brachial V2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Brachial V2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Brachial V2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Brachial V2 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Brachial V2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Brachial V2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Brachial V2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Brachial V2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Brachial V2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Brachial V2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Brachial Vein A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Brachial Vein C	Circumference (SRT, M-02560)		mm	X
X	X	Brachial Vein D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Brachial Vein D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Brachial Vein FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Brachial Vein TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Brachial Vein D	Distance (DCM, 121206)		mm	X
X	X	Brachial Vein T	Time (99SIEMENS, Time)		ms	X
X	X	Brachial Vein A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Brachial Vein D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Brachial Vein FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Brachial Vein TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Brachial Vein PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Brachial Vein Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Cephalic Vein	Container : Cephalic Vein (SRT, T-49240)			
X	X	Cephalic V D	Diameter (SRT, M-02550)		mm	X
X	X	Cephalic V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Cephalic V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Cephalic V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Cephalic V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Cephalic V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Cephalic V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Cephalic V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Cephalic V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Cephalic V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Cephalic V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Cephalic V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Cephalic V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Cephalic V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Cephalic V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Cephalic V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Internal Jugular Vein	Container : Internal Jugular Vein (SRT, T-48170)			
X	X	IJV A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	IJV A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	IJV Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	IJV A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	IJV FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	IJV TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	IJV D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	IJV D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	IJV Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	IJV A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	IJV D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	IJV FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	IJV TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	IJV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	IJV D	Diameter (SRT, M-02550)		mm	X
X	X	IJV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Innominate Vein	Container : Innominate Vein (SRT, T-48620)			
X	X	Innom V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Innom V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Innom V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Innom V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Innom V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Innom V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Innom V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Innom V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Innom V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Innom V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X	X	Innom V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Innom V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Innom V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Innom V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Innom V D	Diameter (SRT, M-02550)		mm	X
X	X	Innom V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Median Cubital Vein	Container : Median Cubital Vein (SRT, T-49250)			
X	X	Mcub V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	X
X	X	Mcub V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm²	X
X	X	Mcub V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Mcub V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X	X	Mcub V C	Circumference (SRT, M-02560)		mm	X
X	X	Mcub V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Mcub V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Mcub V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Mcub V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Mcub V D	Distance (DCM, 121206)		mm	X
X	X	Mcub V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Mcub V D2	Vessel lumen diameter (SRT, G-0364)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Mcub V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Mcub V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Mcub V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Mcub V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Mcub V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Mcub V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Mcub V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Radial Vein	Container : Radial Vein (SRT, T-49340)			
X	X	Radial V1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Radial V1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Radial V1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Radial V1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Radial V1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Radial V1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Radial V1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Radial V1 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Radial V1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Radial V1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Radial V1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Radial V1 FV	Volume Flow (LN, 33878-0)		L/min	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Radial V1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Radial V1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Radial V2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Radial V2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Radial V2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Radial V2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Radial V2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Radial V2 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Radial V2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Radial V2 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Radial V2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Radial V2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Radial V2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Radial V2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Radial V2 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Radial V2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Radial V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Radial V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Radial V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Radial V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Radial V C	Circumference (SRT, M-02560)		mm	X
X	X	Radial V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Radial V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Radial V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Radial V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Radial V D	Distance (DCM, 121206)		mm	X
X	X	Radial V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Radial V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Radial V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Radial V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Radial V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Radial V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Radial V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Radial V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Radial V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Radial V1 D	Diameter (SRT, M-02550)		mm	X
X	X	Radial V1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Radial V2 D	Diameter (SRT, M-02550)		mm	X
X	X	Radial V2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Subclavian Vein	Container : Subclavian Vein (SRT, T-48330)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	SCL V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	SCL V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	SCL V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	SCL V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	SCL V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	SCL V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	SCL V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	SCL V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	SCL V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	SCL V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	SCL V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	SCL V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	SCL V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	SCL V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	SCL V D	Diameter (SRT, M-02550)		mm	X
X	X	SCL V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Ulnar Vein	Container : Ulnar Vein (SRT, T-49330)			
X	X	Ulnar V1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Ulnar V1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Ulnar V1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Ulnar V1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Ulnar V1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Ulnar V1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Ulnar V1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Ulnar V1 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Ulnar V1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Ulnar V1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Ulnar V1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Ulnar V1 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Ulnar V1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Ulnar V1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Ulnar V2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Ulnar V2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Ulnar V2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Ulnar V2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Ulnar V2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Ulnar V2 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Ulnar V2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Ulnar V2 D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Ulnar V2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Ulnar V2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Ulnar V2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X	X	Ulnar V2 FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Ulnar V2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Ulnar V2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Ulnar V A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
X	X	Ulnar V A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Ulnar V Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Ulnar V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Ulnar V C	Circumference (SRT, M-02560)		mm	X
X	X	Ulnar V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Ulnar V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Ulnar V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Ulnar V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Ulnar V D	Distance (DCM, 121206)		mm	X
X	X	Ulnar V D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Ulnar V D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Ulnar V Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
X	X	Ulnar V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X	X	Ulnar V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Ulnar V FV	Volume Flow (LN, 33878-0)		L/min	X
X	X	Ulnar V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X	X	Ulnar V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Ulnar V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Ulnar V1 D	Diameter (SRT, M-02550)		mm	X
X	X	Ulnar V1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Ulnar V2 D	Diameter (SRT, M-02550)		mm	X
X	X	Ulnar V2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

9.2.9 Vascular Structure of Kidney

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Vascular Structure of Kidney	Container : Findings (DCM, 121070)	Finding Site: Vascular Structure of Kidney (SRT, T-71019)		
		Accessory Renal Artery	Container : Accessory Renal Artery (SRT, T-46640)			
X	X	ARA T	Acceleration Time (LN, 20168-1)		ms	
X	X	ARA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	ARA D	Diameter (SRT, M-02550)		mm	
X	X	ARA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	ARA PI	Pulsatility Index (LN, 12008-9)			
X	X	ARA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	ARA RI	Resistivity Index (LN, 12023-8)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	ARA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	ARA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	ARA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	ARA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	ARA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	ARA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X	X	ARA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X	X	ARA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	ARA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	ARA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	ARA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	ARA T	Time (99SIEMENS, Time)		ms	
X	X	ARA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	ARA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	ARA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	ARA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	ARA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	ARA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	ARA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	ARA V1/V2	Velocity ratio (LN, 33867-3)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	ARA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		ARA Origin Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		ARA Origin T	Acceleration Time (LN, 20168-1)		ms	
X		ARA Origin Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		ARA Origin A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		ARA Origin FV	Volume Flow (LN, 33878-0)		L/min	
X		ARA Origin TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		ARA Origin D	Diameter (SRT, M-02550)		mm	
X		ARA Origin T	Time (99SIEMENS, Time)		ms	
X		ARA Origin A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		ARA Origin D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		ARA Origin FV	Volume Flow (LN, 33878-0)		L/min	
X		ARA Origin TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		ARA Origin ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		ARA Origin MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		ARA Origin Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		ARA Origin PI	Pulsatility Index (LN, 12008-9)			
X		ARA Origin PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		ARA Origin PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		ARA Origin PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		ARA Origin RI	Resistivity Index (LN, 12023-8)			
X		ARA Origin SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		ARA Origin TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		ARA Origin TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		ARA Origin PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		ARA Origin Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		ARA Origin V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		ARA Origin V1/V2	Velocity ratio (LN, 33867-3)			
X		ARA Origin V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		ARA/Suprarenal Ao	Accessory Renal Artery/Suprarenal Aorta velocity ratio (99SIEMENS, ARAOverSuprAoVel)			
X		ARA Origin/Suprarenal Ao	ARA Origin/Suprarenal Ao (99SIEMENS, ARAOriSupAo)			
X		Main RA Origin/Suprarenal Ao	Main RA Origin/Suprarenal Ao (99SIEMENS, MainRAOriSupAo)			
X		Main RA / Suprarenal Ao	Renal Artery/Suprarenal Aorta velocity ratio (99SIEMENS, RAOOverSuprAoVel)			
		Arcuate Artery of the Kidney	Container : Arcuate Artery of the Kidney (SRT, T-4668A)			
X		Arcuate A Inf Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Arcuate A Inf T	Acceleration Time (LN, 20168-1)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Arcuate A Inf Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Arcuate A Inf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Arcuate A Inf FV	Volume Flow (LN, 33878-0)		L/min	
X		Arcuate A Inf TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Arcuate A Inf T	Time (99SIEMENS, Time)		ms	
X		Arcuate A Inf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Arcuate A Inf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Arcuate A Inf FV	Volume Flow (LN, 33878-0)		L/min	
X		Arcuate A Inf TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Arcuate A Inf ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Arcuate A Inf MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Arcuate A Inf Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Arcuate A Inf PI	Pulsatility Index (LN, 12008-9)			
X		Arcuate A Inf PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Arcuate A Inf PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Arcuate A Inf PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Arcuate A Inf RI	Resistivity Index (LN, 12023-8)			
X		Arcuate A Inf SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Arcuate A Inf TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Arcuate A Inf TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Arcuate A Inf PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Arcuate A Inf Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Arcuate A Inf V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Arcuate A Inf V1/V2	Velocity ratio (LN, 33867-3)			
X		Arcuate A Inf V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		Arcuate A Mid Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Arcuate A Mid T	Acceleration Time (LN, 20168-1)		ms	
X		Arcuate A Mid Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Arcuate A Mid A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Arcuate A Mid FV	Volume Flow (LN, 33878-0)		L/min	
X		Arcuate A Mid TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Arcuate A Mid T	Time (99SIEMENS, Time)		ms	
X		Arcuate A Mid A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Arcuate A Mid D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Arcuate A Mid FV	Volume Flow (LN, 33878-0)		L/min	
X		Arcuate A Mid TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Arcuate A Mid ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Arcuate A Mid MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Arcuate A Mid Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Arcuate A Mid PI	Pulsatility Index (LN, 12008-9)			
X		Arcuate A Mid PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Arcuate A Mid PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Arcuate A Mid PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Arcuate A Mid RI	Resistivity Index (LN, 12023-8)			
X		Arcuate A Mid SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Arcuate A Mid TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Arcuate A Mid TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Arcuate A Mid PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Arcuate A Mid Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Arcuate A Mid V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Arcuate A Mid V1/V2	Velocity ratio (LN, 33867-3)			
X		Arcuate A Mid V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		Arcuate A Sup Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Arcuate A Sup T	Acceleration Time (LN, 20168-1)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Arcuate A Sup Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Arcuate A Sup A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X		Arcuate A Sup FV	Volume Flow (LN, 33878-0)		L/min	
X		Arcuate A Sup TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Arcuate A Sup T	Time (99SIEMENS, Time)		ms	
X		Arcuate A Sup A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X		Arcuate A Sup D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Arcuate A Sup FV	Volume Flow (LN, 33878-0)		L/min	
X		Arcuate A Sup TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Arcuate A Sup ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Arcuate A Sup MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Arcuate A Sup Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Arcuate A Sup PI	Pulsatility Index (LN, 12008-9)			
X		Arcuate A Sup PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Arcuate A Sup PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Arcuate A Sup PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Arcuate A Sup RI	Resistivity Index (LN, 12023-8)			
X		Arcuate A Sup SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Arcuate A Sup TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Arcuate A Sup TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Arcuate A Sup PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Arcuate A Sup Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Arcuate A Sup V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Arcuate A Sup V1/V2	Velocity ratio (LN, 33867-3)			
X		Arcuate A Sup V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Interlobar Artery of Kidney	Container : Interlobar Artery of Kidney (SRT, T-4667D)			
X		Interlobar A Inf Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Interlobar A Inf T	Acceleration Time (LN, 20168-1)		ms	
X		Interlobar A Inf Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Interlobar A Inf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Interlobar A Inf FV	Volume Flow (LN, 33878-0)		L/min	
X		Interlobar A Inf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Interlobar A Inf T	Time (99SIEMENS, Time)		ms	
X		Interlobar A Inf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Interlobar A Inf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Interlobar A Inf FV	Volume Flow (LN, 33878-0)		L/min	
X		Interlobar A Inf TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Interlobar A Inf ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Interlobar A Inf MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Interlobar A Inf Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Interlobar A Inf PI	Pulsatility Index (LN, 12008-9)			
X		Interlobar A Inf PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Interlobar A Inf PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Interlobar A Inf PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Interlobar A Inf RI	Resistivity Index (LN, 12023-8)			
X		Interlobar A Inf SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Interlobar A Inf TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Interlobar A Inf TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Interlobar A Inf PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Interlobar A Inf Vel	Blood velocity, peak (DCM, 122207)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Interlobar A Inf V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Interlobar A Inf V1/V2	Velocity ratio (LN, 33867-3)			
X		Interlobar A Inf V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		Interlobar A Mid Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Interlobar A Mid T	Acceleration Time (LN, 20168-1)		ms	
X		Interlobar A Mid Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Interlobar A Mid A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Interlobar A Mid FV	Volume Flow (LN, 33878-0)		L/min	
X		Interlobar A Mid TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Interlobar A Mid T	Time (99SIEMENS, Time)		ms	
X		Interlobar A Mid A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Interlobar A Mid D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Interlobar A Mid FV	Volume Flow (LN, 33878-0)		L/min	
X		Interlobar A Mid TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Interlobar A Mid ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Interlobar A Mid MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Interlobar A Mid Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Interlobar A Mid PI	Pulsatility Index (LN, 12008-9)			
X		Interlobar A Mid PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Interlobar A Mid PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Interlobar A Mid PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Interlobar A Mid RI	Resistivity Index (LN, 12023-8)			
X		Interlobar A Mid SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Interlobar A Mid TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Interlobar A Mid TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Interlobar A Mid PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Interlobar A Mid Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Interlobar A Mid V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Interlobar A Mid V1/V2	Velocity ratio (LN, 33867-3)			
X		Interlobar A Mid V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		Interlobar A Sup Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Interlobar A Sup T	Acceleration Time (LN, 20168-1)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Interlobar A Sup Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Interlobar A Sup A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X		Interlobar A Sup FV	Volume Flow (LN, 33878-0)		L/min	
X		Interlobar A Sup TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Interlobar A Sup T	Time (99SIEMENS, Time)		ms	
X		Interlobar A Sup A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X		Interlobar A Sup D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Interlobar A Sup FV	Volume Flow (LN, 33878-0)		L/min	
X		Interlobar A Sup TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Interlobar A Sup ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Interlobar A Sup MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Interlobar A Sup Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Interlobar A Sup PI	Pulsatility Index (LN, 12008-9)			
X		Interlobar A Sup PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Interlobar A Sup PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Interlobar A Sup PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Interlobar A Sup RI	Resistivity Index (LN, 12023-8)			
X		Interlobar A Sup SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Interlobar A Sup TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Interlobar A Sup TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Interlobar A Sup PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Interlobar A Sup Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Interlobar A Sup V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Interlobar A Sup V1/V2	Velocity ratio (LN, 33867-3)			
X		Interlobar A Sup V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Renal Artery	Container : Renal Artery (SRT, T-46600)			
X	X	Main RA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X	X	Main RA T	Time (99SIEMENS, Time)		ms	
X	X	Main RA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Main RA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Main RA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Main RA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Main RA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Main RA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Main RA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Main RA V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Main RA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		Main RA Origin Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Main RA Origin T	Acceleration Time (LN, 20168-1)		ms	
X		Main RA Origin Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Main RA Origin A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Main RA Origin FV	Volume Flow (LN, 33878-0)		L/min	
X		Main RA Origin TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Main RA Origin D	Diameter (SRT, M-02550)		mm	
X		Main RA Origin T	Time (99SIEMENS, Time)		ms	
X		Main RA Origin A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Main RA Origin D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Main RA Origin FV	Volume Flow (LN, 33878-0)		L/min	
X		Main RA Origin TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Main RA Origin ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Main RA Origin MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Main RA Origin Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Main RA Origin PI	Pulsatility Index (LN, 12008-9)			
X		Main RA Origin PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Main RA Origin PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Main RA Origin PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Main RA Origin RI	Resistivity Index (LN, 12023-8)			
X		Main RA Origin SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Main RA Origin TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Main RA Origin TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Main RA Origin PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Main RA Origin Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Main RA Origin V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Main RA Origin V1/V2	Velocity ratio (LN, 33867-3)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Main RA Origin V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	Main RA T	Acceleration Time (LN, 20168-1)		ms	
X	X	Main RA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Main RA D	Diameter (SRT, M-02550)		mm	
X	X	Main RA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Main RA PI	Pulsatility Index (LN, 12008-9)			
X	X	Main RA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Main RA RI	Resistivity Index (LN, 12023-8)			
X	X	Main RA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Main RA TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X	X	Main RA TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Main RA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Main RA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Main RA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Main RA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Main RA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Main RA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Main RA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Stent	Container : Stent (SRT, A-2550)			
X		RA Stent Accel	Acceleration Index (LN, 20167-3)		m/s ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		RA Stent T	Acceleration Time (LN, 20168-1)		ms	
X		RA Stent Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		RA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X		RA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X		RA Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		RA Stent D	Diameter (SRT, M-02550)		mm	
X		RA Stent T	Time (99SIEMENS, Time)		ms	
X		RA Stent A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X		RA Stent D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		RA Stent FV	Volume Flow (LN, 33878-0)		L/min	
X		RA Stent TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		RA Stent ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		RA Stent MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		RA Stent Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		RA Stent PI	Pulsatility Index (LN, 12008-9)			
X		RA Stent PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		RA Stent PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		RA Stent PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		RA Stent RI	Resistivity Index (LN, 12023-8)			
X		RA Stent SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		RA Stent TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		RA Stent TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		RA Stent PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		RA Stent Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		RA Stent V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		RA Stent V1/V2	Velocity ratio (LN, 33867-3)			
X		RA Stent V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Renal Vein	Container : Renal Vein (SRT, T-48740)			
X	X	Renal V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X	X	Renal V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X	X	Renal V D	Diameter (SRT, M-02550)		mm	X
		Segmental Artery	Container : Segmental Artery (SRT, T-46659)			
X		Segmental A Inf Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Segmental A Inf T	Acceleration Time (LN, 20168-1)		ms	
X		Segmental A Inf Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Segmental A Inf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Segmental A Inf FV	Volume Flow (LN, 33878-0)		L/min	
X		Segmental A Inf TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Segmental A Inf T	Time (99SIEMENS, Time)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Segmental A Inf A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X		Segmental A Inf D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Segmental A Inf FV	Volume Flow (LN, 33878-0)		L/min	
X		Segmental A Inf TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Segmental A Inf ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Segmental A Inf MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Segmental A Inf Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Segmental A Inf PI	Pulsatility Index (LN, 12008-9)			
X		Segmental A Inf PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Segmental A Inf PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Segmental A Inf PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Segmental A Inf RI	Resistivity Index (LN, 12023-8)			
X		Segmental A Inf SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Segmental A Inf TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Segmental A Inf TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Segmental A Inf PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Segmental A Inf Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Segmental A Inf V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Segmental A Inf V1/V2	Velocity ratio (LN, 33867-3)			
X		Segmental A Inf V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		Segmental A Mid Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Segmental A Mid T	Acceleration Time (LN, 20168-1)		ms	
X		Segmental A Mid Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Segmental A Mid A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Segmental A Mid FV	Volume Flow (LN, 33878-0)		L/min	
X		Segmental A Mid TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Segmental A Mid T	Time (99SIEMENS, Time)		ms	
X		Segmental A Mid A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Segmental A Mid D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Segmental A Mid FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Segmental A Mid TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Segmental A Mid ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Segmental A Mid MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Segmental A Mid Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Segmental A Mid PI	Pulsatility Index (LN, 12008-9)			
X		Segmental A Mid PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Segmental A Mid PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Segmental A Mid PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Segmental A Mid RI	Resistivity Index (LN, 12023-8)			
X		Segmental A Mid SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Segmental A Mid TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Segmental A Mid TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Segmental A Mid PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Segmental A Mid Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Segmental A Mid V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Segmental A Mid V1/V2	Velocity ratio (LN, 33867-3)			
X		Segmental A Mid V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		Segmental A Sup Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Segmental A Sup T	Acceleration Time (LN, 20168-1)		ms	
X		Segmental A Sup Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Segmental A Sup A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Segmental A Sup FV	Volume Flow (LN, 33878-0)		L/min	
X		Segmental A Sup TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Segmental A Sup T	Time (99SIEMENS, Time)		ms	
X		Segmental A Sup A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Segmental A Sup D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Segmental A Sup FV	Volume Flow (LN, 33878-0)		L/min	
X		Segmental A Sup TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Segmental A Sup ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Segmental A Sup MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Segmental A Sup Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Segmental A Sup PI	Pulsatility Index (LN, 12008-9)			
X		Segmental A Sup PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Segmental A Sup PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Segmental A Sup PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Segmental A Sup RI	Resistivity Index (LN, 12023-8)			
X		Segmental A Sup SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Segmental A Sup TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Segmental A Sup TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Segmental A Sup PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Segmental A Sup Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Segmental A Sup V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Segmental A Sup V1/V2	Velocity ratio (LN, 33867-3)			
X		Segmental A Sup V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	

9.2.10 Artery of Abdomen

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Artery of Abdomen	Container : Findings (DCM, 121070)	Finding Site: Artery of Abdomen (SRT, T-46002)		
		Abdominal Aortic Aneurysm	Container : Abdominal Aortic Aneurysm (SRT, D3-83305)			
		AAA T	Acceleration Time (LN, 20168-1)		ms	
		AAA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
		AAA AP D	Diameter (SRT, M-02550)		mm	X
		AAA D	Diameter (SRT, M-02550)		mm	
		AAA dist from SMA D	Abdominal Aortic Aneurysm distance from SMA (99SIEMENS, AAADistFromSMA)		mm	X
		AAA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		AAA PI	Pulsatility Index (LN, 12008-9)			
		AAA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		AAA RI	Resistivity Index (LN, 12023-8)			
		AAA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		AAA Sac Length D	Abdominal Aortic Aneurysm Sac Length (99SIEMENS, AAASacLength)		mm	X
		AAA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		AAA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		AAA Trans D	Diameter (SRT, M-02550)		mm	X
		AAA FV	Volume Flow (LN, 33878-0)		L/min	
		AAA FV	Volume Flow (LN, 33878-0)		L/min	
		AAA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		AAA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		AAA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		AAA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		AAA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		AAA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
		AAA T	Time (99SIEMENS, Time)		ms	
		AAA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		AAA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		AAA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		AAA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		AAA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		AAA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		AAA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
		AAA V1/V2	Velocity ratio (LN, 33867-3)			
		AAA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Aorta	Container : Aorta (SRT, T-42000)			
	X	Aorta AP D	Diameter (SRT, M-02550)		mm	X
	X	Aorta Trans D	Diameter (SRT, M-02550)		mm	X
	X	Aorta Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Aorta T	Acceleration Time (LN, 20168-1)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Aorta Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
	X	Aorta A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
	X	Aorta FV	Volume Flow (LN, 33878-0)		L/min	
	X	Aorta TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Aorta D	Diameter (SRT, M-02550)		mm	
	X	Aorta T	Time (99SIEMENS, Time)		ms	
	X	Aorta A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
	X	Aorta D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Aorta FV	Volume Flow (LN, 33878-0)		L/min	
	X	Aorta TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Aorta ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Aorta MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Aorta Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Aorta PI	Pulsatility Index (LN, 12008-9)			
	X	Aorta PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Aorta PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Aorta PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	Aorta RI	Resistivity Index (LN, 12023-8)			
	X	Aorta SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Aorta TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Aorta TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Aorta PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Aorta Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Aorta V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Aorta V1/V2	Velocity ratio (LN, 33867-3)			
	X	Aorta V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Aortic Bifurcation	Container : Aortic Bifurcation (SRT, T-42580)			
		Ao Bif T	Acceleration Time (LN, 20168-1)		ms	
		Ao Bif Accel	Acceleration Index (LN, 20167-3)		m/s ²	
		Ao Bif AP D	Diameter (SRT, M-02550)		mm	X
		Ao Bif D	Diameter (SRT, M-02550)		mm	
		Ao Bif ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		Ao Bif PI	Pulsatility Index (LN, 12008-9)			
		Ao Bif PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Ao Bif RI	Resistivity Index (LN, 12023-8)			
		Ao Bif SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Ao Bif TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		Ao Bif TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		Ao Bif Trans D	Diameter (SRT, M-02550)		mm	X
		Ao Bif FV	Volume Flow (LN, 33878-0)		L/min	
		Ao Bif FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Ao Bif A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Ao Bif A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Ao Bif D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		Ao Bif TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Ao Bif TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Ao Bif Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
		Ao Bif T	Time (99SIEMENS, Time)		ms	
		Ao Bif MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		Ao Bif Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		Ao Bif PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		Ao Bif PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		Ao Bif PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		Ao Bif Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Ao Bif V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
		Ao Bif V1/V2	Velocity ratio (LN, 33867-3)			
		Ao Bif V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Celiac Axis	Container : Celiac Axis (SRT, T-46400)			
		Celiac A Origin T	Acceleration Time (LN, 20168-1)		ms	
		Celiac A Origin Accel	Acceleration Index (LN, 20167-3)		m/s ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Celiac A Origin D	Diameter (SRT, M-02550)		mm	
		Celiac A Origin ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		Celiac A Origin PI	Pulsatility Index (LN, 12008-9)			
		Celiac A Origin, Postprandial T	Acceleration Time (LN, 20168-1)		ms	
		Celiac A Origin, Postprandial Accel	Acceleration Index (LN, 20167-3)		m/s ²	
		Celiac A Origin, Postprandial D	Diameter (SRT, M-02550)		mm	
		Celiac A Origin, Postprandial ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		Celiac A Origin, Postprandial PI	Pulsatility Index (LN, 12008-9)			
		Celiac A Origin, Postprandial PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Celiac A Origin, Postprandial RI	Resistivity Index (LN, 12023-8)			
		Celiac A Origin, Postprandial SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Celiac A Origin, Postprandial TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		Celiac A Origin, Postprandial TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		Celiac A Origin, Postprandial FV	Volume Flow (LN, 33878-0)		L/min	
		Celiac A Origin, Postprandial FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Celiac A Origin, Postprandial A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Celiac A Origin, Postprandial A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Celiac A Origin, Postprandial D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		Celiac A Origin, Postprandial TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Celiac A Origin, Postprandial TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Celiac A Origin PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Celiac A Origin RI	Resistivity Index (LN, 12023-8)			
		Celiac A Origin SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Celiac A Origin TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		Celiac A Origin TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		Celiac A Origin FV	Volume Flow (LN, 33878-0)		L/min	
		Celiac A Origin FV	Volume Flow (LN, 33878-0)		L/min	
		Celiac A Origin A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Celiac A Origin A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Celiac A Origin D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		Celiac A Origin TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Celiac A Origin TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Celiac A Origin Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
		Celiac A Origin T	Time (99SIEMENS, Time)		ms	
		Celiac A Origin MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		Celiac A Origin Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		Celiac A Origin PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		Celiac A Origin PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		Celiac A Origin PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		Celiac A Origin Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Celiac A Origin V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
		Celiac A Origin V1/V2	Velocity ratio (LN, 33867-3)			
		Celiac A Origin V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Celiac A Origin, Postprandial Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
		Celiac A Origin, Postprandial T	Time (99SIEMENS, Time)		ms	
		Celiac A Origin, Postprandial MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Celiac A Origin, Postprandial Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		Celiac A Origin, Postprandial PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		Celiac A Origin, Postprandial PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		Celiac A Origin, Postprandial PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		Celiac A Origin, Postprandial Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Celiac A Origin, Postprandial V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
		Celiac A Origin, Postprandial V1/V2	Velocity ratio (LN, 33867-3)			
		Celiac A Origin, Postprandial V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Common Hepatic Artery	Container : Common Hepatic Artery (SRT, T-46421)			
	X	CHA T	Acceleration Time (LN, 20168-1)		ms	
	X	CHA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	CHA D	Diameter (SRT, M-02550)		mm	
	X	CHA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	CHA PI	Pulsatility Index (LN, 12008-9)			
	X	CHA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	CHA RI	Resistivity Index (LN, 12023-8)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	CHA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	CHA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	CHA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	CHA FV	Volume Flow (LN, 33878-0)		L/min	
	X	CHA FV	Volume Flow (LN, 33878-0)		L/min	
	X	CHA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
	X	CHA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
	X	CHA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	CHA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	CHA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	CHA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
	X	CHA T	Time (99SIEMENS, Time)		ms	
	X	CHA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	CHA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	CHA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	CHA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	CHA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	CHA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	CHA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	CHA V1/V2	Velocity ratio (LN, 33867-3)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	CHA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Aortic Stent Graft	Container : Aortic Stent Graft (99SIEMENS, AoStentGraft)			
	X	Ao Stent Graft AP D	Diameter (SRT, M-02550)		mm	X
	X	Ao Stent Graft Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Ao Stent Graft T	Acceleration Time (LN, 20168-1)		ms	
	X	Ao Stent Graft Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
	X	Ao Stent Graft A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Ao Stent Graft FV	Volume Flow (LN, 33878-0)		L/min	
	X	Ao Stent Graft TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Ao Stent Graft D	Diameter (SRT, M-02550)		mm	
	X	Ao Stent Graft T	Time (99SIEMENS, Time)		ms	
	X	Ao Stent Graft A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Ao Stent Graft D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Ao Stent Graft FV	Volume Flow (LN, 33878-0)		L/min	
	X	Ao Stent Graft TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Ao Stent Graft ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Ao Stent Graft MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Ao Stent Graft Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Ao Stent Graft PI	Pulsatility Index (LN, 12008-9)			
	X	Ao Stent Graft PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Ao Stent Graft PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Ao Stent Graft PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	Ao Stent Graft RI	Resistivity Index (LN, 12023-8)			
	X	Ao Stent Graft SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Ao Stent Graft TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Ao Stent Graft TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Ao Stent Graft PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Ao Stent Graft Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Ao Stent Graft V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Ao Stent Graft V1/V2	Velocity ratio (LN, 33867-3)			
	X	Ao Stent Graft V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
	X	Ao Stent Graft Trans D	Diameter (SRT, M-02550)		mm	X
		Stent Graft Landing Site	Container : Stent Graft Landing Site (99SIEMENS, StGraftLandSite)			
		Dist Landing Site Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
		Dist Landing Site T	Time (99SIEMENS, Time)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Dist Landing Site MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		Dist Landing Site Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		Dist Landing Site PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		Dist Landing Site PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		Dist Landing Site PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		Dist Landing Site Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Dist Landing Site V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
		Dist Landing Site V1/V2	Velocity ratio (LN, 33867-3)			
		Dist Landing Site V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Prox Landing Site Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
		Prox Landing Site T	Time (99SIEMENS, Time)		ms	
		Prox Landing Site MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		Prox Landing Site Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		Prox Landing Site PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		Prox Landing Site PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Prox Landing Site PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		Prox Landing Site Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Prox Landing Site V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
		Prox Landing Site V1/V2	Velocity ratio (LN, 33867-3)			
		Prox Landing Site V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Dist Landing Site T	Acceleration Time (LN, 20168-1)		ms	
		Dist Landing Site Accel	Acceleration Index (LN, 20167-3)		m/s ²	
		Dist Landing Site AP D	Diameter (SRT, M-02550)	Topographical modifier (SRT, G-A1F8): Distal (SRT, G-A119)	mm	X
		Dist Landing Site D	Diameter (SRT, M-02550)		mm	
		Dist Landing Site ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		Dist Landing Site PI	Pulsatility Index (LN, 12008-9)			
		Dist Landing Site PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Dist Landing Site RI	Resistivity Index (LN, 12023-8)			
		Dist Landing Site SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Dist Landing Site TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Dist Landing Site TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		Dist Landing Site Trans D	Diameter (SRT, M-02550)	Topographical modifier (SRT, G-A1F8): Distal (SRT, G-A119)	mm	X
		Dist Landing Site FV	Volume Flow (LN, 33878-0)		L/min	
		Dist Landing Site FV	Volume Flow (LN, 33878-0)		L/min	
		Dist Landing Site A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Dist Landing Site A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Dist Landing Site D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		Dist Landing Site TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Dist Landing Site TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Prox Landing Site T	Acceleration Time (LN, 20168-1)		ms	
		Prox Landing Site Accel	Acceleration Index (LN, 20167-3)		m/s ²	
		Prox Landing Site AP D	Diameter (SRT, M-02550)	Topographical modifier (SRT, G-A1F8): Proximal (SRT, G-A118)	mm	X
		Prox Landing Site D	Diameter (SRT, M-02550)		mm	
		Prox Landing Site ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		Prox Landing Site PI	Pulsatility Index (LN, 12008-9)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Prox Landing Site PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Prox Landing Site RI	Resistivity Index (LN, 12023-8)			
		Prox Landing Site SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Prox Landing Site TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		Prox Landing Site TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		Prox Landing Site Trans D	Diameter (SRT, M-02550)	Topographical modifier (SRT, G-A1F8): Proximal (SRT, G-A118)	mm	X
		Prox Landing Site FV	Volume Flow (LN, 33878-0)		L/min	
		Prox Landing Site FV	Volume Flow (LN, 33878-0)		L/min	
		Prox Landing Site A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Prox Landing Site A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Prox Landing Site D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		Prox Landing Site TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Prox Landing Site TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Inferior Mesenteric Artery	Container : Inferior Mesenteric Artery (SRT, T-46520)			
	X	IMA Accel	Acceleration Index (LN, 20167-3)		m/s ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	IMA T	Acceleration Time (LN, 20168-1)		ms	
	X	IMA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
	X	IMA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
	X	IMA FV	Volume Flow (LN, 33878-0)		L/min	
	X	IMA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	IMA D	Diameter (SRT, M-02550)		mm	
	X	IMA T	Time (99SIEMENS, Time)		ms	
	X	IMA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
	X	IMA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	IMA FV	Volume Flow (LN, 33878-0)		L/min	
	X	IMA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	IMA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	IMA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	IMA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	IMA PI	Pulsatility Index (LN, 12008-9)			
	X	IMA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	IMA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	IMA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	IMA RI	Resistivity Index (LN, 12023-8)			
	X	IMA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	IMA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	IMA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	IMA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	IMA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	IMA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	IMA V1/V2	Velocity ratio (LN, 33867-3)			
	X	IMA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		IMA Origin Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
		IMA Origin T	Time (99SIEMENS, Time)		ms	
		IMA Origin MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		IMA Origin Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		IMA Origin PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		IMA Origin PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		IMA Origin PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		IMA Origin Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		IMA Origin V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
		IMA Origin V1/V2	Velocity ratio (LN, 33867-3)			
		IMA Origin V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		IMA Origin T	Acceleration Time (LN, 20168-1)		ms	
		IMA Origin Accel	Acceleration Index (LN, 20167-3)		m/s ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		IMA Origin D	Diameter (SRT, M-02550)		mm	
		IMA Origin ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		IMA Origin PI	Pulsatility Index (LN, 12008-9)			
		IMA Origin PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		IMA Origin RI	Resistivity Index (LN, 12023-8)			
		IMA Origin SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		IMA Origin TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		IMA Origin TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		IMA Origin FV	Volume Flow (LN, 33878-0)		L/min	
		IMA Origin FV	Volume Flow (LN, 33878-0)		L/min	
		IMA Origin A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		IMA Origin A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		IMA Origin D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		IMA Origin TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		IMA Origin TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Left Branch of Hepatic Artery	Left Branch of Hepatic Artery (SRT, T-46427)			
	X	LHA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	LHA T	Acceleration Time (LN, 20168-1)		ms	
	X	LHA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
	X	LHA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	LHA FV	Volume Flow (LN, 33878-0)		L/min	
	X	LHA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	LHA D	Diameter (SRT, M-02550)		mm	
	X	LHA T	Time (99SIEMENS, Time)		ms	
	X	LHA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	LHA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	LHA FV	Volume Flow (LN, 33878-0)		L/min	
	X	LHA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	LHA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	LHA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	LHA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	LHA PI	Pulsatility Index (LN, 12008-9)			
	X	LHA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	LHA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	LHA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	LHA RI	Resistivity Index (LN, 12023-8)			
	X	LHA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	LHA TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	LHA TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	LHA PG	Pressure Gradient (SRT, F-023F7)		mmHg	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	LHA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	LHA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	LHA V1/V2	Velocity ratio (LN, 33867-3)			
	X	LHA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Right Branch of Hepatic Artery	Right Branch of Hepatic Artery (SRT, T-46423)			
	X	RHA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	RHA T	Acceleration Time (LN, 20168-1)		ms	
	X	RHA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
	X	RHA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	RHA FV	Volume Flow (LN, 33878-0)		L/min	
	X	RHA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	RHA D	Diameter (SRT, M-02550)		mm	
	X	RHA T	Time (99SIEMENS, Time)		ms	
	X	RHA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	RHA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	RHA FV	Volume Flow (LN, 33878-0)		L/min	
	X	RHA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	RHA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	RHA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	RHA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	RHA PI	Pulsatility Index (LN, 12008-9)			
	X	RHA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	RHA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	RHA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	RHA RI	Resistivity Index (LN, 12023-8)			
	X	RHA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	RHA TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	RHA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	RHA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	RHA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	RHA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	RHA V1/V2	Velocity ratio (LN, 33867-3)			
	X	RHA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Superior Mesenteric Artery	Container : Superior Mesenteric Artery (SRT, T-46510)			
	X	SMA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
	X	SMA T	Time (99SIEMENS, Time)		ms	
	X	SMA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	SMA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	SMA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	SMA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	SMA PG	Pressure Gradient (SRT, F-023F7)		mmHg	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	SMA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	SMA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	SMA V1/V2	Velocity ratio (LN, 33867-3)			
	X	SMA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		SMA Origin Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
		SMA Origin T	Time (99SIEMENS, Time)		ms	
		SMA Origin MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		SMA Origin Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		SMA Origin PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		SMA Origin PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		SMA Origin PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		SMA Origin Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		SMA Origin V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
		SMA Origin V1/V2	Velocity ratio (LN, 33867-3)			
		SMA Origin V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		SMA Origin, Postprandial Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
		SMA Origin, Postprandial T	Time (99SIEMENS, Time)		ms	
		SMA Origin, Postprandial MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SMA Origin, Postprandial Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		SMA Origin, Postprandial PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		SMA Origin, Postprandial PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		SMA Origin, Postprandial PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		SMA Origin, Postprandial Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		SMA Origin, Postprandial V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
		SMA Origin, Postprandial V1/V2	Velocity ratio (LN, 33867-3)			
		SMA Origin, Postprandial V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
	X	SMA Postprandial Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	SMA Postprandial T	Acceleration Time (LN, 20168-1)		ms	
	X	SMA Postprandial Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
	X	SMA Postprandial A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	SMA Postprandial FV	Volume Flow (LN, 33878-0)		L/min	
	X	SMA Postprandial TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	SMA Postprandial D	Diameter (SRT, M-02550)		mm	
	X	SMA Postprandial T	Time (99SIEMENS, Time)		ms	
	X	SMA Postprandial A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	SMA Postprandial D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	SMA Postprandial FV	Volume Flow (LN, 33878-0)		L/min	
	X	SMA Postprandial TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	SMA Postprandial ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	SMA Postprandial MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	SMA Postprandial Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	SMA Postprandial PI	Pulsatility Index (LN, 12008-9)			
	X	SMA Postprandial PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	SMA Postprandial PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	SMA Postprandial PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	SMA Postprandial RI	Resistivity Index (LN, 12023-8)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	SMA Postprandial SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	SMA Postprandial TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	SMA Postprandial TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	SMA Postprandial PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	SMA Postprandial Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	SMA Postprandial V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	SMA Postprandial V1/V2	Velocity ratio (LN, 33867-3)			
	X	SMA Postprandial V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		SMA Origin T	Acceleration Time (LN, 20168-1)		ms	
		SMA Origin Accel	Acceleration Index (LN, 20167-3)		m/s ²	
		SMA Origin D	Diameter (SRT, M-02550)		mm	
		SMA Origin ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		SMA Origin PI	Pulsatility Index (LN, 12008-9)			
		SMA Origin, Postprandial T	Acceleration Time (LN, 20168-1)		ms	
		SMA Origin, Postprandial Accel	Acceleration Index (LN, 20167-3)		m/s ²	
		SMA Origin, Postprandial D	Diameter (SRT, M-02550)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SMA Origin, Postprandial ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		SMA Origin, Postprandial PI	Pulsatility Index (LN, 12008-9)			
		SMA Origin, Postprandial PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		SMA Origin, Postprandial RI	Resistivity Index (LN, 12023-8)			
		SMA Origin, Postprandial SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		SMA Origin, Postprandial TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		SMA Origin, Postprandial TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		SMA Origin, Postprandial FV	Volume Flow (LN, 33878-0)		L/min	
		SMA Origin, Postprandial FV	Volume Flow (LN, 33878-0)		L/min	
		SMA Origin, Postprandial A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		SMA Origin, Postprandial A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		SMA Origin, Postprandial D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		SMA Origin, Postprandial TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		SMA Origin, Postprandial TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		SMA Origin PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SMA Origin RI	Resistivity Index (LN, 12023-8)			
		SMA Origin SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		SMA Origin TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		SMA Origin TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		SMA Origin FV	Volume Flow (LN, 33878-0)		L/min	
		SMA Origin FV	Volume Flow (LN, 33878-0)		L/min	
		SMA Origin A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		SMA Origin A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		SMA Origin D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		SMA Origin TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		SMA Origin TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	SMA T	Acceleration Time (LN, 20168-1)		ms	
	X	SMA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	SMA D	Diameter (SRT, M-02550)		mm	
	X	SMA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	SMA PI	Pulsatility Index (LN, 12008-9)			
	X	SMA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	SMA RI	Resistivity Index (LN, 12023-8)			
	X	SMA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	SMA TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	SMA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	SMA FV	Volume Flow (LN, 33878-0)		L/min	
	X	SMA FV	Volume Flow (LN, 33878-0)		L/min	
	X	SMA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	SMA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	SMA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	SMA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	SMA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Splenic Artery	Container : Splenic Artery (SRT, T-46460)			
	X	Splenic A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
	X	Splenic A T	Time (99SIEMENS, Time)		ms	
	X	Splenic A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Splenic Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Splenic A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Splenic PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Splenic A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Splenic A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Splenic A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Splenic A V1/V2	Velocity ratio (LN, 33867-3)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Splenic A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
	X	Splenic A T	Acceleration Time (LN, 20168-1)		ms	
	X	Splenic A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Splenic A D	Diameter (SRT, M-02550)		mm	
	X	Splenic A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Splenic A PI	Pulsatility Index (LN, 12008-9)			
	X	Splenic A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	Splenic A RI	Resistivity Index (LN, 12023-8)			
	X	Splenic A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Splenic A TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Splenic A TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Splenic A FV	Volume Flow (LN, 33878-0)		L/min	
	X	Splenic A FV	Volume Flow (LN, 33878-0)		L/min	
	X	Splenic A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Splenic A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Splenic A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Splenic A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Splenic A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Supra-renal Aorta	Container : Supra-renal Aorta (SRT, T-42510)			
		Suprarenal Ao Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Suprarenal Ao T	Time (99SIEMENS, Time)		ms	
		Suprarenal MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		Suprarenal Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		Suprarenal PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		Suprarenal PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		Suprarenal PG	Pressure Gradient (SRT, F-023F7)		mmHg	
		Suprarenal Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Suprarenal Ao V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
		Suprarenal V1/V2	Velocity ratio (LN, 33867-3)			
		Suprarenal Ao V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Suprarenal Ao T	Acceleration Time (LN, 20168-1)		ms	
		Suprarenal Accel	Acceleration Index (LN, 20167-3)		m/s ²	
		Suprarenal Ao AP D	Diameter (SRT, M-02550)		mm	X
		Suprarenal Ao D	Diameter (SRT, M-02550)		mm	
		Suprarenal ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		Suprarenal Ao PI	Pulsatility Index (LN, 12008-9)			
		Suprarenal Ao	Peak Systolic Velocity (LN, 11726-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		PS				
		Suprarenal Ao RI	Resistivity Index (LN, 12023-8)			
		Suprarenal Ao SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Suprarenal Ao TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		Suprarenal Ao TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		Suprarenal Ao Diam D	Diameter (SRT, M-02550)		mm	X
		Suprarenal Ao FV	Volume Flow (LN, 33878-0)		L/min	
		Suprarenal Ao FV	Volume Flow (LN, 33878-0)		L/min	
		Suprarenal Ao A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Suprarenal Ao A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
		Suprarenal Ao D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
		Suprarenal Ao TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Suprarenal Ao TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Testicular Artery	Container : Testicular Artery (SRT, T-46970)			
X		Testicular A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Testicular A T	Acceleration Time (LN, 20168-1)		ms	
X		Testicular A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Testicular A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Testicular A FV	Volume Flow (LN, 33878-0)		L/min	
X		Testicular TAMn	A Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Testicular A D	Diameter (SRT, M-02550)		mm	
X		Testicular A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Testicular A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Testicular A FV	Volume Flow (LN, 33878-0)		L/min	
X		Testicular TAMn	A Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Testicular A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Testicular A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Testicular Mean_TCD	A TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Testicular A PI	Pulsatility Index (LN, 12008-9)			
X		Testicular PI_MD	A Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Testicular PI_TCD	A TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Testicular A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Testicular A RI	Resistivity Index (LN, 12023-8)			
X		Testicular A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Testicular TAMn	A Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Testicular A TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Testicular A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Testicular A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Testicular A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Testicular A V1/V2	Velocity ratio (LN, 33867-3)			
X		Testicular A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Infra-renal Aorta	Container : Infra-renal Aorta (SRT, T-42520)			
		Neck Diam D	Neck Diameter (99SIEMENS, NeckDiam)		mm	X
		Neck Length D	Neck Length (99SIEMENS, NeckLength)		mm	X

9.2.11 Vein of Abdomen

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Vein of Abdomen	Container : Findings (DCM, 121070)	Finding Site: Vein of Abdomen (SRT, T-487A0)		
		Left Hepatic Vein	Container : Left Hepatic Vein (SRT, T-48727)			
	X	LHV D	Diameter (SRT, M-02550)		mm	X
	X	LHV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
	X	LHV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Middle Hepatic Vein	Container : Middle Hepatic Vein (SRT, T-48726)			
	X	MHV D	Diameter (SRT, M-02550)		mm	X
	X	MHV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
	X	MHV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Right Hepatic Vein	Container : Right Hepatic Vein (SRT, T-48725)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	RHV D	Diameter (SRT, M-02550)		mm	X
	X	RHV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
	X	RHV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Left Main Branch of Portal Vein	Container : Left Main Branch of Portal Vein (SRT, T-4881F)			
	X	LPV D	Diameter (SRT, M-02550)		mm	X
	X	LPV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
	X	LPV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Portal Vein	Container : Portal Vein (SRT, T-48810)			
	X	MPV D	Diameter (SRT, M-02550)		mm	X
	X	MPV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
	X	MPV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Right Main Branch of Portal Vein	Container : Right Main Branch of Portal Vein (SRT, T-4882A)			
	X	RPV D	Diameter (SRT, M-02550)		mm	X
	X	RPV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
	X	RPV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Superior Mesenteric Vein	Container : Superior Mesenteric Vein (SRT, T-48840)			
		SMV PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		SMV Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		SMV D	Diameter (SRT, M-02550)		mm	X
		Splenic Vein	Container : Splenic Vein (SRT, T-48890)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Splenic V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
	X	Splenic V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
	X	Splenic V D	Diameter (SRT, M-02550)		mm	X
		Transjugular Intrahepatic Portosystemic Shunt	Container : Transjugular Intrahepatic Portosystemic Shunt (SRT, G-036C)			
		Stent Hepatic End PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Stent Hepatic End Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Stent Mid PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Stent Mid Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Stent Portal End PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Stent Portal End Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Stent Hepatic End D	Diameter (SRT, M-02550)		mm	X
		Stent Mid D	Diameter (SRT, M-02550)		mm	X
		Stent Portal End D	Diameter (SRT, M-02550)		mm	X
		Superior Vena Cava	Container : Superior Vena Cava (SRT, T-48610)			
	X	SVC D	Diameter (SRT, M-02550)		mm	X
	X	SVC PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
	X	SVC Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Inferior Vena Cava	Container : Inferior Vena Cava (SRT, T-48710)			
	X	IVC D	Diameter (SRT, M-02550)		mm	X
	X	IVC PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
	X	IVC Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

9.2.12 Vascular Graft 1

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Vascular Graft	Container : Findings (DCM, 121070)	Finding Site: Vascular Graft (SRT, T-D000F) Proximal anastomosis (SRT, G-D871): Graft 1 Inflow Vessel (99SIEMENS, Graft1InVessel) Distal anastomosis (SRT, G-D872): Graft 1 Outflow Vessel (99SIEMENS, Graft1OutVessel)		
	X	Anast 1 T	Acceleration Time (LN, 20168-1)		ms	
	X	Anast 1 Vmax	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Anast 1 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Anast 1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
	X	Anast 1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
	X	Anast 1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
	X	Anast 1 D	Diameter (SRT, M-02550)		mm	
	X	Anast 1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
	X	Anast 1 D2	Vessel lumen diameter (SRT, G-0364)		mm	
	X	Anast 1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
	X	Anast 1 T	Time (99SIEMENS, Time)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Anast 1 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Anast 1 PI	Pulsatility Index (LN, 12008-9)			
	X	Anast 1 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Anast 1 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Anast 1 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Anast 1 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Anast 1 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	Anast 1 RI	Resistivity Index (LN, 12023-8)			
	X	Anast 1 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Anast 1 TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Anast 1 TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Anast 1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Anast 1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Anast 1 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Anast 1 V1/V2	Velocity ratio (LN, 33867-3)			
	X	Anast 1 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
	X	Anast 1 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Anast 1 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Anast 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Anast 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Anast 1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Anast 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Anast 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Graft 1 T	Acceleration Time (LN, 20168-1)		ms	
	X	Graft 1 Vmax	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Graft 1 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Graft 1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
	X	Graft 1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
	X	Graft 1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
	X	Graft 1 D	Diameter (SRT, M-02550)		mm	
	X	Graft 1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
	X	Graft 1 D2	Vessel lumen diameter (SRT, G-0364)		mm	
	X	Graft 1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
	X	Graft 1 T	Time (99SIEMENS, Time)		ms	
	X	Graft 1 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Graft 1 PI	Pulsatility Index (LN, 12008-9)			
	X	Graft 1 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Graft 1 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Graft 1 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Graft 1 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Graft 1 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Graft 1 RI	Resistivity Index (LN, 12023-8)			
	X	Graft 1 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Graft 1 TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Graft 1 TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Graft 1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Graft 1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Graft 1 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Graft 1 V1/V2	Velocity ratio (LN, 33867-3)			
	X	Graft 1 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
	X	Graft 1 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Graft 1 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Graft 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
	X	Graft 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
	X	Graft 1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Graft 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Graft 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Graft 1 Inflow Vessel	Container : Graft 1 Inflow Vessel (99SIEMENS, Graft1InVessel)			
	X	Inflow Vessel 1 T	Acceleration Time (LN, 20168-1)		ms	
	X	Inflow Vessel 1 Vmax	Blood velocity, peak (DCM, 122207)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Inflow Vessel 1 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Inflow Vessel 1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
	X	Inflow Vessel 1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
	X	Inflow Vessel 1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
	X	Inflow Vessel 1 D	Diameter (SRT, M-02550)		mm	
	X	Inflow Vessel 1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
	X	Inflow Vessel 1 D2	Vessel lumen diameter (SRT, G-0364)		mm	
	X	Inflow Vessel 1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
	X	Inflow Vessel 1 T	Time (99SIEMENS, Time)		ms	
	X	Inflow Vessel 1 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Inflow Vessel 1 PI	Pulsatility Index (LN, 12008-9)			
	X	Inflow Vessel 1 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Inflow Vessel 1 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Inflow Vessel 1 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Inflow Vessel 1 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Inflow Vessel 1	Peak Systolic Velocity (LN, 11726-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		PS				
	X	Inflow Vessel 1 RI	Resistivity Index (LN, 12023-8)			
	X	Inflow Vessel 1 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Inflow Vessel 1 TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Inflow Vessel 1 TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Inflow Vessel 1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Inflow Vessel 1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Inflow Vessel 1 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Inflow Vessel 1 V1/V2	Velocity ratio (LN, 33867-3)			
	X	Inflow Vessel 1 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
	X	Inflow Vessel 1 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Inflow Vessel 1 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Inflow Vessel 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Inflow Vessel 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Inflow Vessel 1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Inflow Vessel 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAmn)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Inflow Vessel 1 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Graft 1 Outflow Vessel	Container : Graft 1 Outflow Vessel (99SIEMENS, Graft1OutVessel)			
	X	Outflow Vessel 1 T	Acceleration Time (LN, 20168-1)		ms	
	X	Outflow Vessel 1 Vmax	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Outflow Vessel 1 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Outflow Vessel 1 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
	X	Outflow Vessel 1 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
	X	Outflow Vessel 1 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
	X	Outflow Vessel 1 D	Diameter (SRT, M-02550)		mm	
	X	Outflow Vessel 1 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
	X	Outflow Vessel 1 D2	Vessel lumen diameter (SRT, G-0364)		mm	
	X	Outflow Vessel 1 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
	X	Outflow Vessel 1 T	Time (99SIEMENS, Time)		ms	
	X	Outflow Vessel 1 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Outflow Vessel 1 PI	Pulsatility Index (LN, 12008-9)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Outflow Vessel 1 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Outflow Vessel 1 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Outflow Vessel 1 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Outflow Vessel 1 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Outflow Vessel 1 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	Outflow Vessel 1 RI	Resistivity Index (LN, 12023-8)			
	X	Outflow Vessel 1 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Outflow Vessel 1 TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Outflow Vessel 1 TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Outflow Vessel 1 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Outflow Vessel 1 Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Outflow Vessel 1 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Outflow Vessel 1 V1/V2	Velocity ratio (LN, 33867-3)			
	X	Outflow Vessel 1 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
	X	Outflow Vessel 1 FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Outflow Vessel 1 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Outflow Vessel 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Outflow Vessel 1 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Outflow Vessel 1 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Outflow Vessel 1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Outflow Vessel 1 TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

9.2.13 Vascular Graft 2

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Vascular Graft	Container : Findings (DCM, 121070)	Finding Site: Vascular Graft (SRT, T-D000F) Proximal anastomosis (SRT, G-D871): Graft 2 Inflow Vessel (99SIEMENS, Graft2InVessel) Distal anastomosis (SRT, G-D872): Graft 2 Outflow Vessel (99SIEMENS, Graft2OutVessel)		
	X	Anast 2 T	Acceleration Time (LN, 20168-1)		ms	
	X	Anast 2 Vmax	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Anast 2 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Anast 2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
	X	Anast 2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
	X	Anast 2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Anast 2 D	Diameter (SRT, M-02550)		mm	
	X	Anast 2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
	X	Anast 2 D2	Vessel lumen diameter (SRT, G-0364)		mm	
	X	Anast 2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
	X	Anast 2 T	Time (99SIEMENS, Time)		ms	
	X	Anast 2 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Anast 2 PI	Pulsatility Index (LN, 12008-9)			
	X	Anast 2 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Anast 2 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Anast 2 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Anast 2 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Anast 2 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	Anast 2 RI	Resistivity Index (LN, 12023-8)			
	X	Anast 2 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Anast 2 TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Anast 2 TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Anast 2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Anast 2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Anast 2 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Anast 2 V1/V2	Velocity ratio (LN, 33867-3)			
	X	Anast 2 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Anast 2 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Anast 2 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Anast 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Anast 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Anast 2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Anast 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Anast 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Graft 2 T	Acceleration Time (LN, 20168-1)		ms	
	X	Graft 2 Vmax	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Graft 2 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Graft 2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
	X	Graft 2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
	X	Graft 2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
	X	Graft 2 D	Diameter (SRT, M-02550)		mm	
	X	Graft 2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
	X	Graft 2 D2	Vessel lumen diameter (SRT, G-0364)		mm	
	X	Graft 2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
	X	Graft 2 T	Time (99SIEMENS, Time)		ms	
	X	Graft 2 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Graft 2 PI	Pulsatility Index (LN, 12008-9)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Graft 2 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Graft 2 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Graft 2 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Graft 2 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Graft 2 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	Graft 2 RI	Resistivity Index (LN, 12023-8)			
	X	Graft 2 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Graft 2 TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Graft 2 TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Graft 2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Graft 2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Graft 2 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Graft 2 V1/V2	Velocity ratio (LN, 33867-3)			
	X	Graft 2 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
	X	Graft 2 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Graft 2 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Graft 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
	X	Graft 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
	X	Graft 2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Graft 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Graft 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS,		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
			VolFTAMn)			
		Graft 2 Inflow Vessel	Container : Graft 2 Inflow Vessel (99SIEMENS, Graft2InVessel)			
	X	Inflow Vessel 2 T	Acceleration Time (LN, 20168-1)		ms	
	X	Inflow Vessel 2 Vmax	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Inflow Vessel 2 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Inflow Vessel 2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
	X	Inflow Vessel 2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
	X	Inflow Vessel 2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
	X	Inflow Vessel 2 D	Diameter (SRT, M-02550)		mm	
	X	Inflow Vessel 2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
	X	Inflow Vessel 2 D2	Vessel lumen diameter (SRT, G-0364)		mm	
	X	Inflow Vessel 2 Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
	X	Inflow Vessel 2 T	Time (99SIEMENS, Time)		ms	
	X	Inflow Vessel 2 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Inflow Vessel 2 PI	Pulsatility Index (LN, 12008-9)			
	X	Inflow Vessel 2 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Inflow Vessel 2 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Inflow Vessel 2 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Inflow Vessel 2 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Inflow Vessel 2 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	Inflow Vessel 2 RI	Resistivity Index (LN, 12023-8)			
	X	Inflow Vessel 2 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Inflow Vessel 2 TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Inflow Vessel 2 TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Inflow Vessel 2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Inflow Vessel 2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Inflow Vessel 2 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Inflow Vessel 2 V1/V2	Velocity ratio (LN, 33867-3)			
	X	Inflow Vessel 2 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
	X	Inflow Vessel 2 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Inflow Vessel 2 FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Inflow Vessel 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Inflow Vessel 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Inflow Vessel 2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Inflow Vessel 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Inflow Vessel 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Graft 2 Outflow Vessel	Container : Graft 2 Outflow Vessel (99SIEMENS, Graft2OutVessel)			
	X	Outflow Vessel 2 T	Acceleration Time (LN, 20168-1)		ms	
	X	Outflow Vessel 2 Vmax	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Outflow Vessel 2 Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Outflow Vessel 2 A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
	X	Outflow Vessel 2 A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
	X	Outflow Vessel 2 Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
	X	Outflow Vessel 2 D	Diameter (SRT, M-02550)		mm	
	X	Outflow Vessel 2 D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
	X	Outflow Vessel 2 D2	Vessel lumen diameter (SRT, G-0364)		mm	
	X	Outflow Vessel 2	Lumen Diameter Stenosis (SRT, R-101BB)		%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Steno				
	X	Outflow Vessel 2 T	Time (99SIEMENS, Time)		ms	
	X	Outflow Vessel 2 ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Outflow Vessel 2 PI	Pulsatility Index (LN, 12008-9)			
	X	Outflow Vessel 2 MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Outflow Vessel 2 Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Outflow Vessel 2 PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Outflow Vessel 2 PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Outflow Vessel 2 PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	Outflow Vessel 2 RI	Resistivity Index (LN, 12023-8)			
	X	Outflow Vessel 2 SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Outflow Vessel 2 TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Outflow Vessel 2 TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
	X	Outflow Vessel 2 PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Outflow Vessel 2 Vel	Blood velocity, peak (DCM, 122207)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Outflow Vessel 2 V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Outflow Vessel 2 V1/V2	Velocity ratio (LN, 33867-3)			
	X	Outflow Vessel 2 V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
	X	Outflow Vessel 2 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Outflow Vessel 2 FV	Volume Flow (LN, 33878-0)		L/min	
	X	Outflow Vessel 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Outflow Vessel 2 A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Outflow Vessel 2 D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Outflow Vessel 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Outflow Vessel 2 TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	

9.2.14 Transplantation of liver

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Transplantation of liver	Container : Findings (DCM, 121070)	Procedure reported (DCM, 121058): Transplantation of liver (SRT, P1-5BD10)		
	X	Donor A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
	X	Donor A T	Acceleration Time (LN, 20168-1)		ms	
	X	Donor A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Donor A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Donor A FV	Volume Flow (LN, 33878-0)		L/min	
	X	Donor A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Donor A D	Diameter (SRT, M-02550)		mm	
	X	Donor A T	Time (99SIEMENS, Time)		ms	
	X	Donor A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
	X	Donor A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
	X	Donor A FV	Volume Flow (LN, 33878-0)		L/min	
	X	Donor A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
	X	Donor A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
	X	Donor A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
	X	Donor A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
	X	Donor A PI	Pulsatility Index (LN, 12008-9)			
	X	Donor A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
	X	Donor A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
	X	Donor A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
	X	Donor A RI	Resistivity Index (LN, 12023-8)			
	X	Donor A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
	X	Donor A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
	X	Donor A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
	X	Donor A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
	X	Donor A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
	X	Donor A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
	X	Donor A V1/V2	Velocity ratio (LN, 33867-3)			
	X	Donor A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Portal V Anast PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Portal V Anast Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Portal V Anast D	Diameter (SRT, M-02550)		mm	X
		Portal V Pre Anast PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		Portal V Anast/Pre Anast Vel	Portal V Anast/Pre Anast Vel (99SIEMENS, PortalVAnastVel)			
		Portal V Pre Anast D	Diameter (SRT, M-02550)		mm	X
		Portal V Pre Anast Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

9.2.15 Transplant of kidney

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Transplant of kidney	Container : Findings (DCM, 121070)	Procedure reported (DCM, 121058): Transplant of kidney (SRT, P1-71D00)		
X		Art Anast Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Art Anast T	Acceleration Time (LN, 20168-1)		ms	
X		Art Anast Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Art Anast A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		Art Anast A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		Art Anast Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		Art Anast A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Art Anast FV	Volume Flow (LN, 33878-0)		L/min	
X		Art Anast TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Art Anast D	Diameter (SRT, M-02550)		mm	
X		Art Anast D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		Art Anast D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		Art Anast Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		Art Anast T	Time (99SIEMENS, Time)		ms	
X		Art Anast A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Art Anast D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Art Anast FV	Volume Flow (LN, 33878-0)		L/min	
X		Art Anast TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Art Anast ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Art Anast MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Art Anast Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Art Anast PI	Pulsatility Index (LN, 12008-9)			
X		Art Anast PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Art Anast PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Art Anast PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Art Anast RI	Resistivity Index (LN, 12023-8)			
X		Art Anast SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Art Anast TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Art Anast TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Art Anast PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Art Anast Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Art Anast V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Art Anast V1/V2	Velocity ratio (LN, 33867-3)			
X		Art Anast V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X		Renal V Anast D	Diameter (SRT, M-02550)		mm	X
X		Renal V Anast PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Renal V Anast Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		Transplant Kidney AP D	Height (DCM, 121207)		mm	X
X		Transplant Kidney Length D	Length (SRT, G-A22A)		mm	X
X		Transplant Kidney Width D	Width (SRT, G-A220)		mm	X
X		Transplant Kidney Vol	Volume (SRT, G-D705)		mL	
X	X	Transplant RA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Transplant RA T	Time (99SIEMENS, Time)		ms	
X	X	Transplant RA MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X	X	Transplant RA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X	X	Transplant RA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X	X	Transplant RA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X	X	Transplant RA PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X	X	Transplant RA Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X	X	Transplant RA V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X	X	Transplant RA V1/V2	Velocity ratio (LN, 33867-3)			
X	X	Transplant RA V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
X	X	Transplant RA T	Acceleration Time (LN, 20168-1)		ms	
X	X	Transplant RA Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X	X	Transplant RA D	Diameter (SRT, M-02550)		mm	
X	X	Transplant RA ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X	X	Transplant RA PI	Pulsatility Index (LN, 12008-9)			
X	X	Transplant RA PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X	X	Transplant RA RI	Resistivity Index (LN, 12023-8)			
X	X	Transplant RA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X	X	Transplant RA	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		TAmn				
X	X	Transplant RA TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X	X	Transplant RA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Transplant RA FV	Volume Flow (LN, 33878-0)		L/min	
X	X	Transplant RA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Transplant RA A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X	X	Transplant RA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X	X	Transplant RA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X	X	Transplant RA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Transplant Renal V D	Diameter (SRT, M-02550)		mm	X
X		Transplant Renal V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Transplant Renal V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

9.2.16 Liver

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Liver	Container : Findings (DCM, 121070)	Finding Site: Liver (SRT, T-62000)		
		Common Hepatic Duct	Container : Common Hepatic Duct (SRT, T-64100)			
		CHD D	Distance (DCM, 121206)		mm	X
		Liver AP D	Height (DCM, 121207)		mm	X
		Liver Length D	Length (SRT, G-A22A)		mm	X
		Liver	Volume (SRT, G-D705)		mL	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Liver Width D	Width (SRT, G-A220)		mm	X
		Mass	Container : Mass (SRT, M-03000)			
		Liver Mass 1 D2	Height (DCM, 121207)		mm	X
		Liver Mass 2 D2	Height (DCM, 121207)		mm	X
		Liver Mass 3 D2	Height (DCM, 121207)		mm	X
		Liver Mass 4 D2	Height (DCM, 121207)		mm	X
		Liver Mass 5 D2	Height (DCM, 121207)		mm	X
		Liver Mass 6 D2	Height (DCM, 121207)		mm	X
		Liver Mass 7 D2	Height (DCM, 121207)		mm	X
		Liver Mass 8 D2	Height (DCM, 121207)		mm	X
		Liver Mass 9 D2	Height (DCM, 121207)		mm	X
		Liver Mass 10 D2	Height (DCM, 121207)		mm	X
		Liver Mass 1 D	Distance (DCM, 121206)		mm	X
		Liver Mass 2 D	Distance (DCM, 121206)		mm	X
		Liver Mass 3 D	Distance (DCM, 121206)		mm	X
		Liver Mass 4 D	Distance (DCM, 121206)		mm	X
		Liver Mass 5 D	Distance (DCM, 121206)		mm	X
		Liver Mass 6 D	Distance (DCM, 121206)		mm	X
		Liver Mass 7 D	Distance (DCM, 121206)		mm	X
		Liver Mass 8 D	Distance (DCM, 121206)		mm	X
		Liver Mass 9 D	Distance (DCM, 121206)		mm	X
		Liver Mass 10 D	Distance (DCM, 121206)		mm	X
		Liver Mass 1 D1	Length (SRT, G-A22A)		mm	X
		Liver Mass 2 D1	Length (SRT, G-A22A)		mm	X
		Liver Mass 3 D1	Length (SRT, G-A22A)		mm	X
		Liver Mass 4 D1	Length (SRT, G-A22A)		mm	X
		Liver Mass 5 D1	Length (SRT, G-A22A)		mm	X
		Liver Mass 6 D1	Length (SRT, G-A22A)		mm	X
		Liver Mass 7 D1	Length (SRT, G-A22A)		mm	X
		Liver Mass 8 D1	Length (SRT, G-A22A)		mm	X
		Liver Mass 9 D1	Length (SRT, G-A22A)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Liver Mass 10 D1	Length (SRT, G-A22A)		mm	X
		Liver Mass 1 V	Volume (SRT, G-D705)		cm ³	
		Liver Mass 2 V	Volume (SRT, G-D705)		cm ³	
		Liver Mass 3 V	Volume (SRT, G-D705)		cm ³	
		Liver Mass 4 V	Volume (SRT, G-D705)		cm ³	
		Liver Mass 5 V	Volume (SRT, G-D705)		cm ³	
		Liver Mass 6 V	Volume (SRT, G-D705)		cm ³	
		Liver Mass 7 V	Volume (SRT, G-D705)		cm ³	
		Liver Mass 8 V	Volume (SRT, G-D705)		cm ³	
		Liver Mass 9 V	Volume (SRT, G-D705)		cm ³	
		Liver Mass 10 V	Volume (SRT, G-D705)		cm ³	
		Liver Mass 1 D3	Width (SRT, G-A220)		mm	X
		Liver Mass 2 D3	Width (SRT, G-A220)		mm	X
		Liver Mass 3 D3	Width (SRT, G-A220)		mm	X
		Liver Mass 4 D3	Width (SRT, G-A220)		mm	X
		Liver Mass 5 D3	Width (SRT, G-A220)		mm	X
		Liver Mass 6 D3	Width (SRT, G-A220)		mm	X
		Liver Mass 7 D3	Width (SRT, G-A220)		mm	X
		Liver Mass 8 D3	Width (SRT, G-A220)		mm	X
		Liver Mass 9 D3	Width (SRT, G-A220)		mm	X
		Liver Mass 10 D3	Width (SRT, G-A220)		mm	X
		Lesion	Container : Lesion (99SIEMENS, LESION)			
		Lesion 1 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 1 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Lesion 3 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 1 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Lesion 2 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Lesion 3 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Lesion 4 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Lesion 1 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 1 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 1 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 1 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Lesion 1	Shear Wave Velocity Interquartile Range (99SIEMENS, VsIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2	Shear Wave Velocity Interquartile Range (99SIEMENS, VsIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3	Shear Wave Velocity Interquartile Range (99SIEMENS, VsIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4	Shear Wave Velocity Interquartile Range (99SIEMENS, VsIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 1	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VsIQMRRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VsIQMRRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VsIQMRRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VsIQMRRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 1 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 1	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 1	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 1 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Lesion 2 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Lesion 3 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Lesion 4 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Lesion 1	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 2	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 3	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Lesion 4	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment	Container : Liver Segment (SRT, T-D053F)			
		Liver Segment 1 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 1 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Liver Segment 6 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 1 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 1 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 1 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Liver Segment 2 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 1 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Liver Segment 2 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Liver Segment 3 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Liver Segment 4A E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Liver Segment 4B E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Liver Segment 5 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Liver Segment 6 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Liver Segment 7 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Liver Segment 8 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Liver Segment 1 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Liver Segment 5 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 1	Shear Wave Velocity Interquartile Range (99SIEMENS, VslQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2	Shear Wave Velocity Interquartile Range (99SIEMENS, VslQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3	Shear Wave Velocity Interquartile Range (99SIEMENS, VslQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A	Shear Wave Velocity Interquartile Range (99SIEMENS, VslQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B	Shear Wave Velocity Interquartile Range (99SIEMENS, VslQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5	Shear Wave Velocity Interquartile Range (99SIEMENS, VslQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6	Shear Wave Velocity Interquartile Range (99SIEMENS, VslQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7	Shear Wave Velocity Interquartile Range (99SIEMENS, VslQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8	Shear Wave Velocity Interquartile Range (99SIEMENS, VslQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 1	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VslQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VslQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VslQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VslQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VslQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VslQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VslQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VslQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VslQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Liver Segment 1	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 1	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 1 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Liver Segment 2 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Liver Segment 3 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Liver Segment 4A Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Liver Segment 4B Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Liver Segment 5 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Liver Segment 6 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Liver Segment 7 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Liver Segment 8 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Liver Segment 1 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 8 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 1	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 2	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 3	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4A	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 4B	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 5	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 6	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Liver Segment 7	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Liver Segment 8	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site	Container : Site (SRT, G-A165)			
		Site 1 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4 IQR	Elasticity Interquartile Range (99SIEMENS, EIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 1 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4 IQRMedian	Elasticity IQR/Median Ratio (99SIEMENS, EIQRMRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 1 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4 Mean	Elasticity Mean (99SIEMENS, EMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 1 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4 Median	Elasticity Median (99SIEMENS, ElasticityMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 1 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4 ELASTICITY	Elasticity ROI Depth (99SIEMENS, ElastROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Site 1 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Site 2 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Site 3 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Site 4 E	Elasticity (99SIEMENS, Elasticity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	kPa	
		Site 1 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4 StdDev	Standard Deviation of Elasticity (99SIEMENS, EStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 1	Shear Wave Velocity Interquartile Range (99SIEMENS, VsIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2	Shear Wave Velocity Interquartile Range (99SIEMENS, VsIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3	Shear Wave Velocity Interquartile Range (99SIEMENS, VsIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4	Shear Wave Velocity Interquartile Range (99SIEMENS, VsIQR)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 1	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VsIQMRRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VsIQMRRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VsIQMRRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4	Shear Wave Velocity IQR/Median Ratio (99SIEMENS, VsIQMRRatio)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 1	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4	Shear Wave Velocity Mean (99SIEMENS, VsMean)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 1	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Site 3	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4	Shear Wave Velocity Median (99SIEMENS, VsMedian)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 1 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Site 2 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Site 3 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Site 4 Dep	Shear Wave Velocity ROI Depth (99SIEMENS, VsROIDepth)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	cm	
		Site 1 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4 Vs	Shear Wave Velocity (99SIEMENS, ShearVelocity)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 1	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 2	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 3	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	
		Site 4	Standard Deviation of Shear Wave Velocity (99SIEMENS, VsStdDev)	Measurement Method (SRT, G-C036): Point Shear Wave Elastography (99SIEMENS, pSWE)	m/s	

9.2.17 Gallbladder

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Gallbladder	Container : Findings (DCM, 121070)	Finding Site: Gallbladder (SRT, T-63000)		
		Common Bile Duct	Container : Common Bile Duct (SRT, T-64500)			
		CBD D	Distance (DCM, 121206)		mm	X
		GB AP D	Height (DCM, 121207)		mm	X
		GB Length D	Length (SRT, G-A22A)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GB	Volume (SRT, G-D705)		mL	
		GB Wall Thickness D	Gallbladder Wall Thickness (99SIEMENS, GBWallThk)		mm	X
		GB Width D	Width (SRT, G-A220)		mm	X

9.2.18 Pancreas

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Pancreas	Container : Findings (DCM, 121070)	Finding Site: Pancreas (SRT, T-65000)		
		Body of Pancreas	Container : Body of Pancreas (SRT, T-65200)			
		Pancreas Body D	Distance (DCM, 121206)		mm	X
		Head of Pancreas	Container : Head of Pancreas (SRT, T-65100)			
		Pancreas Head D	Distance (DCM, 121206)		mm	X
		Tail of Pancreas	Container : Tail of Pancreas (SRT, T-65300)			
		Pancreas Tail D	Distance (DCM, 121206)		mm	X
		Pancreatic Duct	Container : Pancreatic Duct (SRT, T-65010)			
		Pancreas Duct D	Distance (DCM, 121206)		mm	X

9.2.19 Kidney

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Kidney	Container : Findings (DCM, 121070)	Finding Site: Kidney (SRT, T-71000)		
X		Kidney Volume	Volume (SRT, G-D705)		mL	
X		Kidney AP D	Height (DCM, 121207)		mm	X
X		Kidney Length D	Length (SRT, G-A22A)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Kidney Width D	Width (SRT, G-A220)		mm	X
X		Cortical Thickness D	Renal Cortical Thickness (99SIEMENS, RenalCorticalThk)		mm	X

9.2.20 Bladder

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Bladder	Container : Findings (DCM, 121070)	Finding Site: Bladder (SRT, T-74000)		
		Bladder desc.max	Container : Bladder desc.max (99SIEMENS, Bladderdescmax)			
		Bladder desc.max D	Distance (DCM, 121206)		mm	X
		Bladder neck descent at rest	Container : Bladder neck descent at rest (SCT, 251998001)			
		BND Rest D	Distance (DCM, 121206)		mm	X
		Bladder neck descent on stress	Container : Bladder neck descent on stress (SCT, 251999009)			
		BND Stress D	Distance (DCM, 121206)		mm	X
		Ureter	Container : Ureter (SRT, T-73000)			
X		Ureter D	Distance (DCM, 121206)		mm	X
		Micturated Volume	Micturated Volume (99SIEMENS, MicturatedVol)		mL	
		Bladder AP D	Height (DCM, 121207)		mm	X
		Bladder Length D	Length (SRT, G-A22A)		mm	X
		Bladder Width D	Width (SRT, G-A220)		mm	X
		Residual Urine (Dicuio)	Residual urinary volume after voiding(Dicuio) (99SIEMENS, ResUriVolDicuio)		mL	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Residual Urine (Dietz)	Residual urinary volume after voiding(Dietz) (99SIEMENS, ResUriVolDietz)		mL	
		Residual Urine (Haylen)	Residual urinary volume after voiding(Haylen) (99SIEMENS, ResUriVolHaylen)		mL	
		Post voiding	Container : Post voiding (DCM, 109135)			
		PostVoid Bladder AP D	Height (DCM, 121207)		mm	X
		PostVoid Bladder Length D	Length (SRT, G-A22A)		mm	X
		PostVoid Bladder Vol	Volume (SRT, G-D705)		mL	
		PostVoid Bladder Width D	Width (SRT, G-A220)		mm	X
		Prior to voiding	Container : Prior to voiding (DCM, 109134)			
		PreVoid Bladder AP D	Height (DCM, 121207)		mm	X
		PreVoid Bladder Length D	Length (SRT, G-A22A)		mm	X
		PreVoid Bladder Vol	Volume (SRT, G-D705)		mL	
		PreVoid Bladder Width D	Width (SRT, G-A220)		mm	X
		Urethra	Container : Urethra (SRT, T-75000)			
		Urethra D	Distance (DCM, 121206)		mm	X

9.2.21 Penile

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Penile	Container : Findings (DCM, 121070)	Finding Site: Penis (SRT, T-91000)		
		Bulbar Artery	Container : Bulbar Artery (99SIEMENS, BulbarArtery)			
X		Bulbar A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Bulbar A T	Acceleration Time (LN, 20168-1)		ms	
X		Bulbar A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Bulbar A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Bulbar A FV	Volume Flow (LN, 33878-0)		L/min	
X		Bulbar A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Bulbar A D	Distance (DCM, 121206)		mm	
X		Bulbar A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Bulbar A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Bulbar A FV	Volume Flow (LN, 33878-0)		L/min	
X		Bulbar A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Bulbar A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Bulbar A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Bulbar A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Bulbar A PI	Pulsatility Index (LN, 12008-9)			
X		Bulbar A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Bulbar A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Bulbar A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Bulbar A RI	Resistivity Index (LN, 12023-8)			
X		Bulbar A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Bulbar A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Bulbar A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Bulbar A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Bulbar A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Cavernosal Artery	Container : Cavernosal Artery (99SIEMENS, CavernosalA)			
X		Cav A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Cav A T	Acceleration Time (LN, 20168-1)		ms	
X		Cav A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Cav AA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		Cav AA2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		Cav A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		Cav AA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Cav A FV	Volume Flow (LN, 33878-0)		L/min	
X		Cav A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Cav A D	Distance (DCM, 121206)		mm	
X		Cav A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		Cav A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		Cav A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Cav A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Cav A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Cav A FV	Volume Flow (LN, 33878-0)		L/min	
X		Cav A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Cav A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Cav A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Cav A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Cav A PI	Pulsatility Index (LN, 12008-9)			
X		Cav A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Cav A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Cav A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Cav A RI	Resistivity Index (LN, 12023-8)			
X		Cav A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Cav A TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Cav A TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Cav A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Cav A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Post-Inj Cav A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Post-Inj Cav A T	Acceleration Time (LN, 20168-1)		ms	
X		Post-Inj Cav A	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Vmax				
X		Post-Inj Cav AA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		Post-Inj Cav AA2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		Post-Inj Cav A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		Post-Inj Cav AA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Post-Inj Cav A FV	Volume Flow (LN, 33878-0)		L/min	
X		Post-Inj Cav A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Post-Inj Cav A D	Diameter (SRT, M-02550)		mm	
X		Post-Inj Cav A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		Post-Inj Cav A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		Post-Inj Cav A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		Post-Inj Cav AA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Post-Inj Cav A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Post-Inj Cav A FV	Volume Flow (LN, 33878-0)		L/min	
X		Post-Inj Cav A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Post-Inj Cav A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Post-Inj Cav A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Post-Inj Cav A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Post-Inj Cav A PI	Pulsatility Index (LN, 12008-9)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Post-Inj Cav A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Post-Inj Cav A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Post-Inj Cav A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Post-Inj Cav A RI	Resistivity Index (LN, 12023-8)			
X		Post-Inj Cav A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Post-Inj Cav A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Post-Inj Cav A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Post-Inj Cav A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Post-Inj Cav A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Pre-Inj Cav A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Pre-Inj Cav A T	Acceleration Time (LN, 20168-1)		ms	
X		Pre-Inj Cav A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Pre-Inj Cav AA1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	
X		Pre-Inj Cav AA2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	
X		Pre-Inj Cav A Steno	Lumen Area Stenosis (SRT, R-101BA)		%	
X		Pre-Inj Cav AA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Pre-Inj Cav A FV	Volume Flow (LN, 33878-0)		L/min	
X		Pre-Inj Cav A	Time averaged mean velocity of Volume Flow (99SIEMENS,		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		TAmn	VolFTAMn)			
X		Pre-Inj Cav A D	Diameter (SRT, M-02550)		mm	
X		Pre-Inj Cav A D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	
X		Pre-Inj Cav A D2	Vessel lumen diameter (SRT, G-0364)		mm	
X		Pre-Inj Cav A Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	
X		Pre-Inj Cav A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	
X		Pre-Inj Cav A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Pre-Inj Cav A FV	Volume Flow (LN, 33878-0)		L/min	
X		Pre-Inj Cav A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Pre-Inj Cav A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Pre-Inj Cav A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Pre-Inj Cav A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Pre-Inj Cav A PI	Pulsatility Index (LN, 12008-9)			
X		Pre-Inj Cav A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Pre-Inj Cav A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Pre-Inj Cav A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Pre-Inj Cav A RI	Resistivity Index (LN, 12023-8)			
X		Pre-Inj Cav A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Pre-Inj Cav A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Pre-Inj Cav A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Pre-Inj Cav A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Pre-Inj Cav A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Corpus Cavernosom	Container : Corpus Cavernosom (99SIEMENS, CorpusCavernosom)			
		Corp Cav A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
		Corp Cav A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
		Corp Cav Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
		Corp Cav D	Distance (DCM, 121206)		mm	X
		Corp Cav D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
		Corp Cav D2	Vessel lumen diameter (SRT, G-0364)		mm	X
		Corp Cav Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X
		Corpus Spongiosum	Container : Corpus Spongiosum (99SIEMENS, CorpusSpongiosum)			
		Corp Spong A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm ²	X
		Corp Spong A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
		Corp Spong Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
		Corp Spong D	Distance (DCM, 121206)		mm	X
		Corp Spong D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
		Corp Spong D2	Vessel lumen diameter (SRT, G-0364)		mm	X
		Corp Spong Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Dorsal Artery of Penis	Container : Dorsal Artery of Penis (SRT, T-46857)			
X		Dorsal A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Dorsal A T	Acceleration Time (LN, 20168-1)		ms	
X		Dorsal A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Dorsal A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Dorsal A FV	Volume Flow (LN, 33878-0)		L/min	
X		Dorsal A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Dorsal A D	Distance (DCM, 121206)		mm	
X		Dorsal A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Dorsal A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Dorsal A FV	Volume Flow (LN, 33878-0)		L/min	
X		Dorsal A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Dorsal A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Dorsal A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Dorsal A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Dorsal A PI	Pulsatility Index (LN, 12008-9)			
X		Dorsal A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Dorsal A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Dorsal A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Dorsal A RI	Resistivity Index (LN, 12023-8)			
X		Dorsal A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Dorsal A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Dorsal A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Dorsal A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Dorsal A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Post-Inj Dorsal A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Post-Inj Dorsal A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Post-Inj Dorsal A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Post-Inj Dorsal A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Post-Inj Dorsal A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Post-Inj Dorsal A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Post-Inj Dorsal A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Pre-Inj Dorsal A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Pre-Inj Dorsal A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Pre-Inj Dorsal A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Pre-Inj Dorsal A	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		PI_MD				
X		Pre-Inj Dorsal A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Pre-Inj Dorsal A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Pre-Inj Dorsal A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Post-Inj Dorsal A D	Diameter (SRT, M-02550)		mm	
X		Post-Inj Dorsal A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Post-Inj Dorsal A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Post-Inj Dorsal A RI	Resistivity Index (LN, 12023-8)			
X		Post-Inj Dorsal A T	Acceleration Time (LN, 20168-1)		ms	
X		Post-Inj Dorsal A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Post-Inj Dorsal A PI	Pulsatility Index (LN, 12008-9)			
X		Post-Inj Dorsal A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Post-Inj Dorsal A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Post-Inj Dorsal A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Post-Inj Dorsal A FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Post-Inj Dorsal A FV	Volume Flow (LN, 33878-0)		L/min	
X		Post-Inj Dorsal A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Post-Inj Dorsal A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Post-Inj Dorsal A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Post-Inj Dorsal A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Post-Inj Dorsal A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Pre-Inj Dorsal A D	Diameter (SRT, M-02550)		mm	
X		Pre-Inj Dorsal A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Pre-Inj Dorsal A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Pre-Inj Dorsal A RI	Resistivity Index (LN, 12023-8)			
X		Pre-Inj Dorsal A T	Acceleration Time (LN, 20168-1)		ms	
X		Pre-Inj Dorsal A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Pre-Inj Dorsal A PI	Pulsatility Index (LN, 12008-9)			
X		Pre-Inj Dorsal A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Pre-Inj Dorsal A TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Pre-Inj Dorsal A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Pre-Inj Dorsal A FV	Volume Flow (LN, 33878-0)		L/min	
X		Pre-Inj Dorsal A FV	Volume Flow (LN, 33878-0)		L/min	
X		Pre-Inj Dorsal AA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Pre-Inj Dorsal AA	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Pre-Inj Dorsal AD	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Pre-Inj Dorsal A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Pre-Inj Dorsal A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
		Deep Penile Vein	Container : Deep Penile Vein (99SIEMENS, DeepPenileVein)			
X		Dp Penile V Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Dp Penile V T	Acceleration Time (LN, 20168-1)		ms	
X		Dp Penile V Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Dp Penile V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Dp Penile V FV	Volume Flow (LN, 33878-0)		L/min	
X		Dp Penile V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Dp Penile V D	Distance (DCM, 121206)		mm	
X		Dp Penile V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Dp Penile V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Dp Penile V FV	Volume Flow (LN, 33878-0)		L/min	
X		Dp Penile V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Dp Penile V ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Dp Penile V MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Dp Penile V Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Dp Penile V PI	Pulsatility Index (LN, 12008-9)			
X		Dp Penile V PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Dp Penile V PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Dp Penile V PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Dp Penile V RI	Resistivity Index (LN, 12023-8)			
X		Dp Penile V SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Dp Penile V TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Dp Penile V TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Dp Penile V PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Dp Penile V Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Penile Vein	Container : Penile Vein (SRT, T-48991)			
X		Penile V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		Penile V FV	Volume Flow (LN, 33878-0)		L/min	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Penile V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Penile V T	Time (99SIEMENS, Time)		ms	X
X		Penile V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Penile V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Penile V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Penile V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Penile V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Penile V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
X		Penile V D	Diameter (SRT, M-02550)		mm	X
		Superficial Dorsal Vein	Container : Superficial Dorsal Vein (99SIEMENS, SuperficDorsalV)			
X		Sup Dorsal V Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Sup Dorsal V T	Acceleration Time (LN, 20168-1)		ms	
X		Sup Dorsal V Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Sup Dorsal V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Sup Dorsal V FV	Volume Flow (LN, 33878-0)		L/min	
X		Sup Dorsal V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Sup Dorsal V D	Distance (DCM, 121206)		mm	
X		Sup Dorsal V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Sup Dorsal V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Sup Dorsal V FV	Volume Flow (LN, 33878-0)		L/min	
X		Sup Dorsal V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Sup Dorsal V ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Sup Dorsal V MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Sup Dorsal V Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Sup Dorsal V PI	Pulsatility Index (LN, 12008-9)			
X		Sup Dorsal V PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Sup Dorsal V PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Sup Dorsal V PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Sup Dorsal V RI	Resistivity Index (LN, 12023-8)			
X		Sup Dorsal V SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Sup Dorsal V TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Sup Dorsal V TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Sup Dorsal V PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Sup Dorsal V Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		LC / LBI	Ratio of the Left Cavernosal Artery to the Left Brachial Artery (99SIEMENS, RatioLtCavLtBra)			X
		LC / RBI	Ratio of the Left Cavernosal Artery to the Right Brachial Artery (99SIEMENS, RatioLtCavRtBra)			X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		RC / LBI	Ratio of the Right Cavernosal Artery to the Left Brachial Artery (99SIEMENS, RatioRtCacLtBra)			X
		RC / RBI	Ratio of the Right Cavernosal Artery to the Right Brachial Artery (99SIEMENS, RatioRtCacRtBra)			X

9.2.22 Prostate

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Prostate	Container : Findings (DCM, 121070)	Finding Site: Prostate (SRT, T-92000)		
		Ejaculatory Duct	Container : Ejaculatory Duct (SRT, T-93070)			
X		Ejaculatory Duct D	Distance (DCM, 121206)		mm	X
		Urethral Artery	Container : Urethral Artery (99SIEMENS, UrethralArtery)			
X		Urethral A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Urethral A T	Acceleration Time (LN, 20168-1)		ms	
X		Urethral A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Urethral A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Urethral A FV	Volume Flow (LN, 33878-0)		L/min	
X		Urethral A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Urethral A D	Distance (DCM, 121206)		mm	
X		Urethral A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Urethral A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Urethral A FV	Volume Flow (LN, 33878-0)		L/min	
X		Urethral A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS,		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
			VolFTAMn)			
X		Urethral A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Urethral A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Urethral Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Urethral A PI	Pulsatility Index (LN, 12008-9)			
X		Urethral A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Urethral PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Urethral A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Urethral A RI	Resistivity Index (LN, 12023-8)			
X		Urethral A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Urethral A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Urethral A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Urethral A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Urethral A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
		Prostate Volume1	Container : Prostate Volume1 (99SIEMENS, ProstateV1)			
		Prostate V1 AP D	Prostate Height (LN, 15301-5)		mm	X
		Prostate Length D	Prostate Length (LN, 15303-1)		mm	X
		Prostate V1	Prostate Volume derived from height, width and length (LN, 15308-0)		mL	
		Prostate Trans D	Prostate Width (LN, 15302-3)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Mass	Container : Mass (SRT, M-03000)			
		Mass 1 D2	Height (DCM, 121207)		mm	X
		Mass 2 D2	Height (DCM, 121207)		mm	X
		Mass 3 D2	Height (DCM, 121207)		mm	X
		Mass 1 D	Distance (DCM, 121206)		mm	X
		Mass 2 D	Distance (DCM, 121206)		mm	X
		Mass 3 D	Distance (DCM, 121206)		mm	X
		Mass 1 D1	Length (SRT, G-A22A)		mm	X
		Mass 2 D1	Length (SRT, G-A22A)		mm	X
		Mass 3 D1	Length (SRT, G-A22A)		mm	X
		Mass 1 V	Volume (SRT, G-D705)		cm ³	
		Mass 2 V	Volume (SRT, G-D705)		cm ³	
		Mass 3 V	Volume (SRT, G-D705)		cm ³	
		Mass 1 D3	Width (SRT, G-A220)		mm	X
		Mass 2 D3	Width (SRT, G-A220)		mm	X
		Mass 3 D3	Width (SRT, G-A220)		mm	X
		Prostate Volume2	Container : Prostate Volume2 (99SIEMENS, ProstateV2)			
		Prostate V2 AP D	Prostate Height (LN, 15301-5)		mm	X
		Prostate V2 Length D	Prostate Length (LN, 15303-1)		mm	X
		Prostate V2	Prostate Volume derived from height, width and length (LN, 15308-0)		mL	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Prostate V2 Trans D	Prostate Width (LN, 15302-3)		mm	X
		Prostatic Urethra	Container : Prostatic Urethra (SRT, T-75110)			
		Prostatic Urethra D	Distance (DCM, 121206)		mm	X
		PSAD 1	Prostate Specific Antigen Density 1 (99SIEMENS, ProsSpecAntiDen1)			X
		PSAD 2	Prostate Specific Antigen Density 2 (99SIEMENS, ProsSpecAntiDen2)			X
		Seminal Vesicle	Container : Seminal Vesicle (SRT, T-93000)			
X		Seminal Ves D	Distance (DCM, 121206)		mm	X
		Vas Deferens	Container : Vas Deferens (SRT, T-96000)			
X		Vas Deferens D	Distance (DCM, 121206)		mm	X

9.2.23 Testis

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Testis	Container : Findings (DCM, 121070)	Finding Site: Testis (SRT, T-94000)		
		Epididymis	Container : Epididymis (SRT, T-95000)			
X		Epididymis AP D	Height (DCM, 121207)		mm	X
X		Epididymis Length D	Length (SRT, G-A22A)		mm	X
X		Epididymis Volume	Volume (SRT, G-D705)		mL	
X		Epididymis Width D	Width (SRT, G-A220)		mm	X
		Epididymal Artery	Container : Epididymal Artery (99SIEMENS, EpididymalA)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Epididymal Accel	A Acceleration Index (LN, 20167-3)		m/s ²	
X		Epididymal A T	Acceleration Time (LN, 20168-1)		ms	
X		Epididymal Vmax	A Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Epididymal A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Epididymal A FV	Volume Flow (LN, 33878-0)		L/min	
X		Epididymal TAmn	A Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Epididymal A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Epididymal A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Epididymal A FV	Volume Flow (LN, 33878-0)		L/min	
X		Epididymal TAmn	A Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Epididymal A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Epididymal A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Epididymal Mean_TCD	A TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Epididymal A PI	Pulsatility Index (LN, 12008-9)			
X		Epididymal PI_MD	A Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Epididymal PI_TCD	A TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Epididymal A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Epididymal A RI	Resistivity Index (LN, 12023-8)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Epididymal A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Epididymal A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Epididymal A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Epididymal A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Epididymal A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Epididymal A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Epididymal A V1/V2	Velocity ratio (LN, 33867-3)			
X		Epididymal A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Epididymal Vein	Container : Epididymal Vein (99SIEMENS, EpididymalV)			
X		Epididymal V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		Epididymal V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Epididymal V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Epididymal V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		Epididymal V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Epididymal V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Epididymal V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Epididymal V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Epididymal V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Intratesticular	Container : Intratesticular Artery (99SIEMENS, IntratesticA)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Artery				
X		Intratesticular Accel	A Acceleration Index (LN, 20167-3)		m/s ²	
X		Intratesticular A T	A Acceleration Time (LN, 20168-1)		ms	
X		Intratesticular Vmax	A Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Intratesticular A A	A Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Intratesticular FV	A Volume Flow (LN, 33878-0)		L/min	
X		Intratesticular TAmn	A Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Intratesticular A A	A Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Intratesticular A D	A Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Intratesticular FV	A Volume Flow (LN, 33878-0)		L/min	
X		Intratesticular TAmn	A Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Intratesticular ED	A End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Intratesticular MD	A Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Intratesticular Mean_TCD	A TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Intratesticular PI	A Pulsatility Index (LN, 12008-9)			
X		Intratesticular PI_MD	A Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			

Laterality	Topography	Label	Code	Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Intratesticular PI_TCD	A	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Intratesticular PS	A	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Intratesticular RI	A	Resistivity Index (LN, 12023-8)			
X		Intratesticular SD	A	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Intratesticular TAmn	A	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Intratesticular TAmx	A	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Intratesticular PG	A	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Intratesticular Vel	A	Blood velocity, peak (DCM, 122207)		cm/s	
X		Intratesticular V1	A	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Intratesticular V1/V2	A	Velocity ratio (LN, 33867-3)			
X		Intratesticular V2	A	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Intratesticular Vein	Container :	Intratesticular Vein (99SIEMENS, IntratesticV)			
X		Intratesticular V A	A	Area of Volume Flow (99SIEMENS, VolFArea)		cm²	X
X		Intratesticular FV	V	Volume Flow (LN, 33878-0)		L/min	X
X		Intratesticular TAmn	V	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Intratesticular V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Intratesticular V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Intratesticular V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Intratesticular V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Intratesticular V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Intratesticular V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Scrotal Wall	Container : Scrotal Wall (SRT, T-98009)			
X		Scrotal Wall D	Distance (DCM, 121206)		mm	X
		Testicular Vein	Container : Testicular Vein (99SIEMENS, TesticularVein)			
X		Testicular V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Testicular V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Testicular V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Testicular V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Testicular V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Testicular V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Testicular V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Testicular V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Testicular V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Pampiniform Plexus	Container : Pampiniform Plexus (SRT, T-48784)			
X		Pampiniform Plexus D	Diameter (SRT, M-02550)		mm	X
X		Testicle AP D	Height (DCM, 121207)		mm	X
X		Testicle Length D	Length (SRT, G-A22A)		mm	X
X		Testicle Width D	Width (SRT, G-A220)		mm	X
X		Testicle Volume	Volume (SRT, G-D705)		mL	
		Mass	Container : Mass (SRT, M-03000)			
X		Mass 1 D2	Height (DCM, 121207)		cm	X
X		Mass 2 D2	Height (DCM, 121207)		cm	X
X		Mass 3 D2	Height (DCM, 121207)		cm	X
X		Mass 4 D2	Height (DCM, 121207)		cm	X
X		Mass 5 D2	Height (DCM, 121207)		cm	X
X		Mass 1 D	Distance (DCM, 121206)		mm	X
X		Mass 2 D	Distance (DCM, 121206)		mm	X
X		Mass 3 D	Distance (DCM, 121206)		mm	X
X		Mass 4 D	Distance (DCM, 121206)		mm	X
X		Mass 5 D	Distance (DCM, 121206)		mm	X
X		Mass 1 D1	Length (SRT, G-A22A)		cm	X
X		Mass 2 D1	Length (SRT, G-A22A)		cm	X
X		Mass 3 D1	Length (SRT, G-A22A)		cm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Mass 4 D1	Length (SRT, G-A22A)		cm	X
X		Mass 5 D1	Length (SRT, G-A22A)		cm	X
X		Mass 1 V	Volume (SRT, G-D705)		cm ³	
X		Mass 2 V	Volume (SRT, G-D705)		cm ³	
X		Mass 3 V	Volume (SRT, G-D705)		cm ³	
X		Mass 4 V	Volume (SRT, G-D705)		cm ³	
X		Mass 5 V	Volume (SRT, G-D705)		cm ³	
X		Mass 1 D3	Width (SRT, G-A220)		cm	X
X		Mass 2 D3	Width (SRT, G-A220)		cm	X
X		Mass 3 D3	Width (SRT, G-A220)		cm	X
X		Mass 4 D3	Width (SRT, G-A220)		cm	X
X		Mass 5 D3	Width (SRT, G-A220)		cm	X

9.2.24 Thyroid

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Thyroid	Container : Findings (DCM, 121070)	Finding Site: Thyroid (SRT, T-B6000)		
		Inferior Thyroid Artery	Container : Inferior Thyroid Artery (SRT, T-46140)			
X		Inferior Thyroid A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Inferior Thyroid A T	Acceleration Time (LN, 20168-1)		ms	
X		Inferior Thyroid A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Inferior Thyroid A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Inferior Thyroid A FV	Volume Flow (LN, 33878-0)		L/min	
X		Inferior Thyroid A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Inferior Thyroid A D	Diameter (SRT, M-02550)		mm	
X		Inferior Thyroid A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Inferior Thyroid A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Inferior Thyroid A FV	Volume Flow (LN, 33878-0)		L/min	
X		Inferior Thyroid A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Inferior Thyroid A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Inferior Thyroid A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Inferior Thyroid A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Inferior Thyroid A PI	Pulsatility Index (LN, 12008-9)			
X		Inferior Thyroid A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Inferior Thyroid A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Inferior Thyroid A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Inferior Thyroid A RI	Resistivity Index (LN, 12023-8)			
X		Inferior Thyroid A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Inferior Thyroid A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Inferior Thyroid A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Inferior Thyroid A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Inferior Thyroid A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Inferior Thyroid A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Inferior Thyroid A V1/V2	Velocity ratio (LN, 33867-3)			
X		Inferior Thyroid A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Inferior Thyroid Vein	Container : Inferior Thyroid Vein (99SIEMENS, InferiorThyVein)			
X		Inferior Thyroid V Accel	Acceleration Index (LN, 20167-3)		m/s ²	X
X		Inferior Thyroid V T	Acceleration Time (LN, 20168-1)		ms	X
X		Inferior Thyroid V Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	X
X		Inferior Thyroid V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Inferior Thyroid V FV	Volume Flow (LN, 33878-0)		L/min	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Inferior Thyroid V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Inferior Thyroid V T	Time (99SIEMENS, Time)		ms	X
X		Inferior Thyroid V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Inferior Thyroid V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Inferior Thyroid V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Inferior Thyroid V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Inferior Thyroid V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Inferior Thyroid V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Middle Thyroid Vein	Container : Middle Thyroid Vein (99SIEMENS, MiddleThyroidV)			
X		Middle Thyroid V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Middle Thyroid V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Middle Thyroid V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Middle Thyroid V T	Time (99SIEMENS, Time)		ms	X
X		Middle Thyroid V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Middle Thyroid V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Middle Thyroid V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Middle Thyroid V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Middle Thyroid V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Middle Thyroid V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Superior Thyroid Artery	Container : Superior Thyroid Artery (SRT, T-45210)			
X		Superior Thyroid A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Superior Thyroid A T	Acceleration Time (LN, 20168-1)		ms	
X		Superior Thyroid A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Superior Thyroid A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Superior Thyroid A FV	Volume Flow (LN, 33878-0)		L/min	
X		Superior Thyroid A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Superior Thyroid A D	Diameter (SRT, M-02550)		mm	
X		Superior Thyroid A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Superior Thyroid A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Superior Thyroid A FV	Volume Flow (LN, 33878-0)		L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Superior Thyroid A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Superior Thyroid A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Superior Thyroid A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Superior Thyroid A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Superior Thyroid A PI	Pulsatility Index (LN, 12008-9)			
X		Superior Thyroid A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Superior Thyroid A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Superior Thyroid A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Superior Thyroid A RI	Resistivity Index (LN, 12023-8)			
X		Superior Thyroid A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Superior Thyroid A TAMn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Superior Thyroid A TAMx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Superior Thyroid A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Superior Thyroid A Vel	Blood velocity, peak (DCM, 122207)		cm/s	
X		Superior Thyroid A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Superior Thyroid A V1/V2	Velocity ratio (LN, 33867-3)			
X		Superior Thyroid A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Superior Thyroid Vein	Container : Superior Thyroid Vein (99SIEMENS, SuperiorThyVein)			
X		Superior Thyroid V Accel	Acceleration Index (LN, 20167-3)		m/s ²	X
X		Superior Thyroid V T	Acceleration Time (LN, 20168-1)		ms	X
X		Superior Thyroid V Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	X
X		Superior Thyroid V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Superior Thyroid V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Superior Thyroid V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Superior Thyroid V T	Time (99SIEMENS, Time)		ms	X
X		Superior Thyroid V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Superior Thyroid V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Superior Thyroid V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Superior Thyroid V TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Superior Thyroid V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Superior Thyroid V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Thyroid Isthmus	Container : Thyroid Isthmus (SRT, T-B6300)			
		Isthmus AP D	Distance (DCM, 121206)		mm	X
		Mass	Container : Mass (SRT, M-03000)			
		Isthmus Mass 1 D2	Height (DCM, 121207)		cm	X
		Isthmus Mass 2 D2	Height (DCM, 121207)		cm	X
		Isthmus Mass 3 D2	Height (DCM, 121207)		cm	X
		Isthmus Mass 4 D2	Height (DCM, 121207)		cm	X
		Isthmus Mass 5 D2	Height (DCM, 121207)		cm	X
		Isthmus Mass 1 D	Distance (DCM, 121206)		mm	X
		Isthmus Mass 2 D	Distance (DCM, 121206)		mm	X
		Isthmus Mass 3 D	Distance (DCM, 121206)		mm	X
		Isthmus Mass 4 D	Distance (DCM, 121206)		mm	X
		Isthmus Mass 5 D	Distance (DCM, 121206)		mm	X
		Isthmus Mass 1 D1	Length (SRT, G-A22A)		cm	X
		Isthmus Mass 2	Length (SRT, G-A22A)		cm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		D1				
		Isthmus Mass 3 D1	Length (SRT, G-A22A)		cm	X
		Isthmus Mass 4 D1	Length (SRT, G-A22A)		cm	X
		Isthmus Mass 5 D1	Length (SRT, G-A22A)		cm	X
		Isthmus Mass 1 V	Volume (SRT, G-D705)		cm ³	
		Isthmus Mass 2 V	Volume (SRT, G-D705)		cm ³	
		Isthmus Mass 3 V	Volume (SRT, G-D705)		cm ³	
		Isthmus Mass 4 V	Volume (SRT, G-D705)		cm ³	
		Isthmus Mass 5 V	Volume (SRT, G-D705)		cm ³	
		Isthmus Mass 1 D3	Width (SRT, G-A220)		cm	X
		Isthmus Mass 2 D3	Width (SRT, G-A220)		cm	X
		Isthmus Mass 3 D3	Width (SRT, G-A220)		cm	X
		Isthmus Mass 4 D3	Width (SRT, G-A220)		cm	X
		Isthmus Mass 5 D3	Width (SRT, G-A220)		cm	X
X		Neck Mass 1 D2	Height (DCM, 121207)		cm	X
X		Neck Mass 2 D2	Height (DCM, 121207)		cm	X
X		Neck Mass 3 D2	Height (DCM, 121207)		cm	X
X		Neck Mass 4 D2	Height (DCM, 121207)		cm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Neck Mass 5 D2	Height (DCM, 121207)		cm	X
X		Neck Mass 1 D	Distance (DCM, 121206)		mm	X
X		Neck Mass 2 D	Distance (DCM, 121206)		mm	X
X		Neck Mass 3 D	Distance (DCM, 121206)		mm	X
X		Neck Mass 4 D	Distance (DCM, 121206)		mm	X
X		Neck Mass 5 D	Distance (DCM, 121206)		mm	X
X		Neck Mass 1 D1	Length (SRT, G-A22A)		cm	X
X		Neck Mass 2 D1	Length (SRT, G-A22A)		cm	X
X		Neck Mass 3 D1	Length (SRT, G-A22A)		cm	X
X		Neck Mass 4 D1	Length (SRT, G-A22A)		cm	X
X		Neck Mass 5 D1	Length (SRT, G-A22A)		cm	X
X		Neck Mass 1 V	Volume (SRT, G-D705)		cm ³	
X		Neck Mass 2 V	Volume (SRT, G-D705)		cm ³	
X		Neck Mass 3 V	Volume (SRT, G-D705)		cm ³	
X		Neck Mass 4 V	Volume (SRT, G-D705)		cm ³	
X		Neck Mass 5 V	Volume (SRT, G-D705)		cm ³	
X		Neck Mass 1 D3	Width (SRT, G-A220)		cm	X
X		Neck Mass 2 D3	Width (SRT, G-A220)		cm	X
X		Neck Mass 3 D3	Width (SRT, G-A220)		cm	X
X		Neck Mass 4 D3	Width (SRT, G-A220)		cm	X
X		Neck Mass 5 D3	Width (SRT, G-A220)		cm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Mass 1 D2	Height (DCM, 121207)		cm	X
X		Mass 2 D2	Height (DCM, 121207)		cm	X
X		Mass 3 D2	Height (DCM, 121207)		cm	X
X		Mass 4 D2	Height (DCM, 121207)		cm	X
X		Mass 5 D2	Height (DCM, 121207)		cm	X
X		Mass 1 D	Distance (DCM, 121206)		mm	X
X		Mass 2 D	Distance (DCM, 121206)		mm	X
X		Mass 3 D	Distance (DCM, 121206)		mm	X
X		Mass 4 D	Distance (DCM, 121206)		mm	X
X		Mass 5 D	Distance (DCM, 121206)		mm	X
X		Mass 1 D1	Length (SRT, G-A22A)		cm	X
X		Mass 2 D1	Length (SRT, G-A22A)		cm	X
X		Mass 3 D1	Length (SRT, G-A22A)		cm	X
X		Mass 4 D1	Length (SRT, G-A22A)		cm	X
X		Mass 5 D1	Length (SRT, G-A22A)		cm	X
X		Mass 1 V	Volume (SRT, G-D705)		cm ³	
X		Mass 2 V	Volume (SRT, G-D705)		cm ³	
X		Mass 3 V	Volume (SRT, G-D705)		cm ³	
X		Mass 4 V	Volume (SRT, G-D705)		cm ³	
X		Mass 5 V	Volume (SRT, G-D705)		cm ³	
X		Mass 1 D3	Width (SRT, G-A220)		cm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Mass 2 D3	Width (SRT, G-A220)		cm	X
X		Mass 3 D3	Width (SRT, G-A220)		cm	X
X		Mass 4 D3	Width (SRT, G-A220)		cm	X
X		Mass 5 D3	Width (SRT, G-A220)		cm	X
X		Mass StrainRatio 1	Strain Ratio (99SIEMENS, StrainRatio)			X
X		Mass StrainRatio 2	Strain Ratio (99SIEMENS, StrainRatio)			X
X		Mass StrainRatio 3	Strain Ratio (99SIEMENS, StrainRatio)			X
X		Mass StrainRatio 4	Strain Ratio (99SIEMENS, StrainRatio)			X
X		Mass StrainRatio 5	Strain Ratio (99SIEMENS, StrainRatio)			X
X		Mass 1 ROI2	Mass ROI of Strain Ratio (99SIEMENS, StrainRatioMROI)		%	
X		Mass 2 ROI2	Mass ROI of Strain Ratio (99SIEMENS, StrainRatioMROI)		%	
X		Mass 3 ROI2	Mass ROI of Strain Ratio (99SIEMENS, StrainRatioMROI)		%	
X		Mass 4 ROI2	Mass ROI of Strain Ratio (99SIEMENS, StrainRatioMROI)		%	
X		Mass 5 ROI2	Mass ROI of Strain Ratio (99SIEMENS, StrainRatioMROI)		%	
X		Mass 1 ROI1	Reference ROI of Strain Ratio (99SIEMENS, StrainRatioRROI)		%	
X		Mass 2 ROI1	Reference ROI of Strain Ratio (99SIEMENS, StrainRatioRROI)		%	
X		Mass 3 ROI1	Reference ROI of Strain Ratio (99SIEMENS, StrainRatioRROI)		%	
X		Mass 4 ROI1	Reference ROI of Strain Ratio (99SIEMENS, StrainRatioRROI)		%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
			StrainRatioRROI)			
X		Mass 5 ROI1	Reference ROI of Strain Ratio (99SIEMENS, StrainRatioRROI)		%	
		Parathyroid	Container : Parathyroid (SRT, T-B7000)			
X		Parathyroid D	Distance (DCM, 121206)		mm	X
		Lobe of Thyroid Gland	Container : Lobe of Thyroid Gland (SRT, T-B6070)			
X		Thyroid Lobe AP D	Height (DCM, 121207)		mm	X
X		Thyroid Lobe TRV D	Length (SRT, G-A22A)		mm	X
X		Thyroid Lobe SAG D	Width (SRT, G-A220)		mm	X
X		Thyroid Lobe Volume	Volume (SRT, G-D705)		mL	
		Thyroid nodule	Container : Thyroid nodule (99SIEMENS, ThyroidNod)			
X		NOD 1 D2	Height (DCM, 121207)		mm	X
X		NOD 2 D2	Height (DCM, 121207)		mm	X
X		NOD 3 D2	Height (DCM, 121207)		mm	X
X		NOD 4 D2	Height (DCM, 121207)		mm	X
X		NOD 5 D2	Height (DCM, 121207)		mm	X
X		NOD 6 D2	Height (DCM, 121207)		mm	X
X		NOD 7 D2	Height (DCM, 121207)		mm	X
X		NOD 8 D2	Height (DCM, 121207)		mm	X
X		NOD 9 D2	Height (DCM, 121207)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		NOD 10 D2	Height (DCM, 121207)		mm	X
X		NOD 11 D2	Height (DCM, 121207)		mm	X
X		NOD 12 D2	Height (DCM, 121207)		mm	X
X		NOD 13 D2	Height (DCM, 121207)		mm	X
X		NOD 14 D2	Height (DCM, 121207)		mm	X
X		NOD 15 D2	Height (DCM, 121207)		mm	X
X		NOD 1 D	Distance (DCM, 121206)		mm	X
X		NOD 2 D	Distance (DCM, 121206)		mm	X
X		NOD 3 D	Distance (DCM, 121206)		mm	X
X		NOD 4 D	Distance (DCM, 121206)		mm	X
X		NOD 5 D	Distance (DCM, 121206)		mm	X
X		NOD 6 D	Distance (DCM, 121206)		mm	X
X		NOD 7 D	Distance (DCM, 121206)		mm	X
X		NOD 8 D	Distance (DCM, 121206)		mm	X
X		NOD 9 D	Distance (DCM, 121206)		mm	X
X		NOD 10 D	Distance (DCM, 121206)		mm	X
X		NOD 11 D	Distance (DCM, 121206)		mm	X
X		NOD 12 D	Distance (DCM, 121206)		mm	X
X		NOD 13 D	Distance (DCM, 121206)		mm	X
X		NOD 14 D	Distance (DCM, 121206)		mm	X
X		NOD 15 D	Distance (DCM, 121206)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		NOD 1 D1	Length (SRT, G-A22A)		mm	X
X		NOD 2 D1	Length (SRT, G-A22A)		mm	X
X		NOD 3 D1	Length (SRT, G-A22A)		mm	X
X		NOD 4 D1	Length (SRT, G-A22A)		mm	X
X		NOD 5 D1	Length (SRT, G-A22A)		mm	X
X		NOD 6 D1	Length (SRT, G-A22A)		mm	X
X		NOD 7 D1	Length (SRT, G-A22A)		mm	X
X		NOD 8 D1	Length (SRT, G-A22A)		mm	X
X		NOD 9 D1	Length (SRT, G-A22A)		mm	X
X		NOD 10 D1	Length (SRT, G-A22A)		mm	X
X		NOD 11 D1	Length (SRT, G-A22A)		mm	X
X		NOD 12 D1	Length (SRT, G-A22A)		mm	X
X		NOD 13 D1	Length (SRT, G-A22A)		mm	X
X		NOD 14 D1	Length (SRT, G-A22A)		mm	X
X		NOD 15 D1	Length (SRT, G-A22A)		mm	X
X		NOD 1 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 2 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 3 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 4 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 5 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 6 V	Volume (SRT, G-D705)		cm ³	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		NOD 7 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 8 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 9 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 10 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 11 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 12 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 13 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 14 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 15 V	Volume (SRT, G-D705)		cm ³	X
X		NOD 1 D3	Width (SRT, G-A220)		mm	X
X		NOD 2 D3	Width (SRT, G-A220)		mm	X
X		NOD 3 D3	Width (SRT, G-A220)		mm	X
X		NOD 4 D3	Width (SRT, G-A220)		mm	X
X		NOD 5 D3	Width (SRT, G-A220)		mm	X
X		NOD 6 D3	Width (SRT, G-A220)		mm	X
X		NOD 7 D3	Width (SRT, G-A220)		mm	X
X		NOD 8 D3	Width (SRT, G-A220)		mm	X
X		NOD 9 D3	Width (SRT, G-A220)		mm	X
X		NOD 10 D3	Width (SRT, G-A220)		mm	X
X		NOD 11 D3	Width (SRT, G-A220)		mm	X
X		NOD 12 D3	Width (SRT, G-A220)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		NOD 13 D3	Width (SRT, G-A220)		mm	X
X		NOD 14 D3	Width (SRT, G-A220)		mm	X
X		NOD 15 D3	Width (SRT, G-A220)		mm	X

9.2.25 Spleen

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Spleen	Container : Findings (DCM, 121070)	Finding Site: Spleen (SRT, T-C3000)		
		Spleen AP D	Height (DCM, 121207)		mm	X
		Spleen Length D	Length (SRT, G-A22A)		mm	X
		Spleen Volume	Volume (SRT, G-D705)		mL	
		Spleen Width D	Width (SRT, G-A220)		mm	X

9.2.26 Hip

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Hip	Container : Findings (DCM, 121070)	Finding Site: Hip (SRT, T-D2500)		
X		Hip Angle alpha	Hip alpha angle (99SIEMENS, HipAlphaAngle)		°	X
X		Hip Angle beta	Hip beta angle (99SIEMENS, HipBetaAngle)		°	X
X		Hip Angle alpha	Hip alpha angle (Single) (99SIEMENS, HipAlphaAngleSin)		°	X
X		Flexed FHC D1	Distance 1 of Percent Femoral Head Coverage, Flexed (99SIEMENS, FHCFlexedD1)		mm	X
X		Flexed FHC D2	Distance 2 of Percent Femoral Head Coverage, Flexed (99SIEMENS, FHCFlexedD2)		mm	X
X		Flexed FHC FHC	Percent Femoral Head Coverage Flexed (99SIEMENS, FHCFlexed)		%	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Flexed FHC BHipFHC_D1	Distance 1 of Percent Femoral Head Coverage, Flexed (99SIEMENS, FHCFlexedD1)		mm	X
X		Flexed FHC BHipFHC_D2	Distance 2 of Percent Femoral Head Coverage, Flexed (99SIEMENS, FHCFlexedD2)		mm	X
X		Flexed FHC BHipFHC_FHC	Percent Femoral Head Coverage Flexed (99SIEMENS, FHCFlexed)		%	X
X		Stressed FHC D1	Distance 1 of Percent Femoral Head Coverage, Flexed (99SIEMENS, FHCFlexedD1)		mm	X
X		Stressed FHC D2	Distance 2 of Percent Femoral Head Coverage, Flexed (99SIEMENS, FHCFlexedD2)		mm	X
X		Stressed FHC FHC	Percent Femoral Head Coverage Flexed (99SIEMENS, FHCFlexed)		%	X
X		Stressed FHC BHipFHC_D1	Distance 1 of Percent Femoral Head Coverage, Stressed (99SIEMENS, FHCStressedD1)		mm	X
X		Stressed FHC BHipFHC_D2	Distance 2 of Percent Femoral Head Coverage, Stressed (99SIEMENS, FHCStressedD2)		mm	X
X		Stressed FHC BHipFHC_FHC	Percent Femoral Head Coverage Stressed (99SIEMENS, FHCStressed)		%	X

9.2.27 Left Hip Assessment Performed

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Left Hip Assessment Performed	Container : Findings (DCM, 121070)	Procedure reported (DCM, 121058):		
		Osseous Profile	Hip Osseous Profile (99SIEMENS, HpOsseousProfile)			
		Osseous Acetabulum	Hip Osseous Acetabulum (99SIEMENS, HpOsseousAcetabl)			
		Cartilaginous Acetabulum	Hip Cartilaginous Acetabulum (99SIEMENS, HpCartilgAcetabl)			
		Type	Hip Type (99SIEMENS, HipType)			

9.2.28 Right Hip Assessment Performed

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Right Hip Assessment Performed	Container : Findings (DCM, 121070)	Procedure reported (DCM, 121058):		
		Osseous Profile	Hip Osseous Profile (99SIEMENS, HpOsseousProfile)			
		Osseous Acetabulum	Hip Osseous Acetabulum (99SIEMENS, HpOsseousAcetabl)			
		Cartilaginous Acetabulum	Hip Cartilaginous Acetabulum (99SIEMENS, HpCartilgAcetabl)			
		Type	Hip Type (99SIEMENS, HipType)			

9.2.29 Carotid Assessment Performed

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Carotid Assessment Performed	Container : Findings (DCM, 121070)	Procedure reported (DCM, 121058):		
		CCA	Plaque (SRT, M-01470)			
		CCA	Vessel lumen diameter reduction (SRT, R-101BB)			
		CCA	Plaque (SRT, M-01470)			
		CCA	Vessel lumen diameter reduction (SRT, R-101BB)			
		ECA	Plaque (SRT, M-01470)			
		ECA	Vessel lumen diameter reduction (SRT, R-101BB)			
		ECA	Plaque (SRT, M-01470)			
		ECA	Vessel lumen diameter reduction (SRT, R-101BB)			
		ICA	Plaque (SRT, M-01470)			
		ICA	Vessel lumen diameter reduction (SRT, R-101BB)			
		ICA	Plaque (SRT, M-01470)			
		ICA	Vessel lumen diameter reduction (SRT, R-101BB)			
		VA	Plaque (SRT, M-01470)			
		VA	Flow Direction (SRT, G-C048)			
		VA	Plaque (SRT, M-01470)			
		VA	Flow Direction (SRT, G-C048)			

9.2.30 Right LEV Assessment Performed

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Right LEV Assessment Performed	Container : Findings (DCM, 121070)	Procedure reported (DCM, 121058):		
		EIV	EIV Description (99SIEMENS, EIVDesc)			
		CFV	CFV Description (99SIEMENS, CFVDesc)			
		SFVP	SFVP Description (99SIEMENS, SFVPDesc)			
		SFVM	SFVM Description (99SIEMENS, SFVMDesc)			
		SFVD	SFVD Description (99SIEMENS, SFVDDesc)			
		GSVP	GSVP Description (99SIEMENS, GSVPDesc)			
		GSVM	GSVM Description (99SIEMENS, GSVMDesc)			
		GSVD	GSVD Description (99SIEMENS, GSVDDesc)			
		POPV	POPV Description (99SIEMENS, POPVDesc)			
		LSV	LSV Description (99SIEMENS, LSVDesc)			
		PTV	PTV Description (99SIEMENS, PTVDesc)			
		ATV	ATV Description (99SIEMENS, ATVDesc)			
		PERV	PERV Description (99SIEMENS, PERVDesc)			
		DPV	DPV Description (99SIEMENS, DPVDesc)			
		EIV	EIV Doppler (99SIEMENS, EIVDoppler)			
		CFV	CFV Doppler (99SIEMENS, CFVDoppler)			
		SFVP	SFVP Doppler (99SIEMENS, SFVPDoppler)			
		SFVM	SFVM Doppler (99SIEMENS, SFVMDoppler)			
		SFVD	SFVD Doppler (99SIEMENS, SFVDDoppler)			
		GSVP	GSVP Doppler (99SIEMENS, GSVPDoppler)			
		GSVM	GSVM Doppler (99SIEMENS, GSVMdoppler)			
		GSVD	GSVD Doppler (99SIEMENS, GSVDDoppler)			
		POPV	POPV Doppler (99SIEMENS, POPVDoppler)			
		LSV	LSV Doppler (99SIEMENS, LSVdoppler)			
		PTV	PTV Doppler (99SIEMENS, PTVdoppler)			
		ATV	ATV Doppler (99SIEMENS, ATVdoppler)			
		PERV	PERV Doppler (99SIEMENS, PERVDoppler)			
		DPV	DPV Doppler (99SIEMENS, DPVDoppler)			

9.2.31 Left LEV Assessment Performed

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Left LEV Assessment Performed	Container : Findings (DCM, 121070)	Procedure reported (DCM, 121058):		
		EIV	EIV Description (99SIEMENS, EIVDesc)			
		CFV	CFV Description (99SIEMENS, CFVDesc)			
		SFVP	SFVP Description (99SIEMENS, SFVPDesc)			
		SFVM	SFVM Description (99SIEMENS, SFVMDesc)			
		SFVD	SFVD Description (99SIEMENS, SFVDDesc)			
		GSVP	GSVP Description (99SIEMENS, GSVPDesc)			
		GSVM	GSVM Description (99SIEMENS, GSVMDesc)			
		GSVD	GSVD Description (99SIEMENS, GSVDDesc)			
		POPV	POPV Description (99SIEMENS, POPVDesc)			
		LSV	LSV Description (99SIEMENS, LSVDesc)			
		PTV	PTV Description (99SIEMENS, PTVDesc)			
		ATV	ATV Description (99SIEMENS, ATVDesc)			
		PERV	PERV Description (99SIEMENS, PERVDesc)			
		DPV	DPV Description (99SIEMENS, DPVDesc)			
		EIV	EIV Doppler (99SIEMENS, EIVDoppler)			
		CFV	CFV Doppler (99SIEMENS, CFVDoppler)			
		SFVP	SFVP Doppler (99SIEMENS, SFVPDoppler)			
		SFVM	SFVM Doppler (99SIEMENS, SFVMDoppler)			
		SFVD	SFVD Doppler (99SIEMENS, SFVDDoppler)			
		GSVP	GSVP Doppler (99SIEMENS, GSVPDoppler)			
		GSVM	GSVM Doppler (99SIEMENS, GSVMdoppler)			
		GSVD	GSVD Doppler (99SIEMENS, GSVDDoppler)			
		POPV	POPV Doppler (99SIEMENS, POPVDoppler)			
		LSV	LSV Doppler (99SIEMENS, LSVdoppler)			
		PTV	PTV Doppler (99SIEMENS, PTVdoppler)			
		ATV	ATV Doppler (99SIEMENS, ATVdoppler)			
		PERV	PERV Doppler (99SIEMENS, PERVDoppler)			
		DPV	DPV Doppler (99SIEMENS, DPVDoppler)			

9.2.32 LEV Assessment Performed

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		LEV Assessment Performed	Container : Findings (DCM, 121070)	Procedure reported (DCM, 121058):		
		IVC	IVC Description (99SIEMENS, IVCDesc)			
		IVC	IVC Doppler (99SIEMENS, IVC Doppler)			

9.2.33 Prostate Assessment Performed

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Prostate Assessment Performed	Container : Findings (DCM, 121070)	Procedure reported (DCM, 121058):		
		Echogenicity	Echogenicity (DCM, 110849)			
		Margin	Margin (SRT, Margin)			
		Size	Size (99SIEMENS, Size)			
		Symmetry	Symmetry (99SIEMENS, Symmetry)			
		US Stage	US Stage (99SIEMENS, USStage)			
		Size	Size (99SIEMENS, Size)			
		Symmetry	Symmetry (99SIEMENS, Symmetry)			
		DRE Malignancy Suspicion	DRE Malig Suspicion (99SIEMENS, DREMaligSus)			

9.2.34 Vascular Graft

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Vascular Graft	Container : Findings (DCM, 121070)	Finding Site: Vascular Graft (SRT, T-D000F) Proximal anastomosis (SRT, G-D871): Upper Extremity Graft Inflow Vessel (99SIEMENS, UEGraftInVes) Distal anastomosis (SRT, G-D872): Upper Extremity Graft Outflow Vessel (99SIEMENS, UEGraftOutVes)		
		GRAFT	Container : GRAFT (99SIEMENS, GRAFT)			
X	X	Graft A1	Vessel Intimal Cross-Sectional Area (SRT, R-1025D)		cm²	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X	X	Graft A2	Vessel lumen cross-sectional area (SRT, G-0366)		cm ²	X
X	X	Graft Steno	Lumen Area Stenosis (SRT, R-101BA)		%	X
X	X	Graft D	Distance (DCM, 121206)		mm	X
X	X	Graft D1	Vessel Intimal Diameter (SRT, R-1025C)		mm	X
X	X	Graft D2	Vessel lumen diameter (SRT, G-0364)		mm	X
X	X	Graft Steno	Lumen Diameter Stenosis (SRT, R-101BB)		%	X

9.2.35 Pelvic Vascular Structure

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Pelvic Vascular Structure	Container : Findings (DCM, 121070)	Finding Site: Pelvic Vascular Structure (SRT, T-D6007)		
		Internal Pudendal Artery	Container : Internal Pudendal Artery (SCT, 77276007)			
X		Int Pudendal A Accel	Acceleration Index (LN, 20167-3)		m/s ²	
X		Int Pudendal A T	Acceleration Time (LN, 20168-1)		ms	
X		Int Pudendal A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)		cm/s	
X		Int Pudendal A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	
X		Int Pudendal A FV	Volume Flow (LN, 33878-0)		L/min	
X		Int Pudendal A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Int Pudendal A D	Distance (DCM, 121206)		mm	
X		Int Pudendal A A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	

X		Int Pudendal A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	
X		Int Pudendal A FV	Volume Flow (LN, 33878-0)		L/min	
X		Int Pudendal A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	
X		Int Pudendal A ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
X		Int Pudendal A MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
X		Int Pudendal A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
X		Int Pudendal A PI	Pulsatility Index (LN, 12008-9)			
X		Int Pudendal A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
X		Int Pudendal A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
X		Int Pudendal A PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
X		Int Pudendal A RI	Resistivity Index (LN, 12023-8)			
X		Int Pudendal A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
X		Int Pudendal A TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
X		Int Pudendal A TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
X		Int Pudendal A PG	Pressure Gradient (SRT, F-023F7)		mmHg	
X		Int Pudendal A Vel	Blood velocity, peak (DCM, 122207)		cm/s	

X		Int Pudendal A V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	
X		Int Pudendal A V1/V2	Velocity ratio (LN, 33867-3)			
X		Int Pudendal A V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	
		Pudendal Vein	Container : Pudendal Vein (99SIEMENS, PudendalVein)			
X		Pudendal V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Pudendal V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Pudendal V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Pudendal V D	Distance (DCM, 121206)		mm	X
X		Pudendal V T	Time (99SIEMENS, Time)		ms	X
X		Pudendal V A	Area of Volume Flow (99SIEMENS, VolFArea)		cm ²	X
X		Pudendal V D	Diameter of Volume Flow (99SIEMENS, VolFDiam)		mm	X
X		Pudendal V FV	Volume Flow (LN, 33878-0)		L/min	X
X		Pudendal V TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)		cm/s	X
X		Pudendal V PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
X		Pudendal V Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

9.3 Appendix C: Fetal Echo Structured Report

This appendix lists the DICOM Structured Report (SR) mappings used in the Fetal Echo Structured Reports of the ACUSON Redwood system SR files. The mappings follow the DICOM SR Template TID 5220: Pediatric, Fetal and Congenital Cardiac Ultrasound Reports, as described in PS 3.16- 2014 of the DICOM Standard, and are organized in a manner similar to TID 5220. The Label column identifies the on-screen report label associated with a measurement. All private code values use the Coding Scheme Designator “99SIEMENS” or “99SIEMENSUS”.

9.3.1 Notation

9.3.1.1 Laterality Modifier

If the ‘Laterality’ column is marked with a ‘X’ then the label could be had one of a modifier in the below table.

Side information	Modifier	Display on screen
Right	Laterality (SRT, G-C171): Right (SRT, G-A100)	Rt
Left	Laterality (SRT, G-C171): Left (SRT, G-A101)	Lt
None	Laterality (SRT, G-C171): Unilateral (SRT, G-A103)	

9.3.1.2 Derivation Modifier

If the ‘Mean’ column is marked with a ‘X’ then the label would be had a modifier in the below table.

Derivation type	Modifier	Display on screen
Mean	Derivation (DCM, 121401): Mean (SRT, R-00317)	

9.3.2 Patient Characteristics

Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units
Patient Characteristics	Container : Patient Characteristics (DCM, 121118)		
Age	Subject Age (DCM, 121033)		year
Sex	Subject Sex (DCM, 121032)		unitless
BP	Systolic Blood Pressure (SRT, F-008EC)		mmHg
BP	Diastolic Blood Pressure (SRT, F-008ED)		mmHg
BSA	Body Surface Area (LN, 8277-6)	Body Surface Area Formula (LN, 8278-4): BSA = $0.007184 \cdot WT^{0.425} \cdot HT^{0.725}$ (DCM, 122241)	m ²

Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units
Height	Patient Height (LN, 8302-2)		cm
Weight	Patient Weight (LN, 29463-7)		kg

9.3.3 Summary

Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units
Summary	Container : Summary (DCM, 121111)		
LMP	LMP (LN, 11955-2)		
Num of Fetuses	Number of Fetuses (LN, 11878-6)		

9.3.4 Fetal Measurements

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Measurements	Container : Fetal Measurements (DCM, 125016)			
		BPD D	Biparietal Diameter (LN, 11820-8)		mm	X
		HC C	Head Circumference (LN, 11984-2)		mm	X
		AC C	Abdominal Circumference (LN, 11979-2)		mm	X
		FL D	Femur Length (LN, 11963-6)		mm	X
		HL D	Humerus length (LN, 11966-9)		mm	X
		AFI	Amniotic Fluid Index (LN, 11627-7)		mm	X
		Q1 D	First Quadrant Diameter (LN, 11624-4)		mm	X
		Q1 D	First Quadrant Diameter (LN, 11624-4)		mm	X
		Q1 D	First Quadrant Diameter (LN, 11624-4)		mm	X
		Q2 D	Second Quadrant Diameter (LN, 11626-9)		mm	X
		Q2 D	Second Quadrant Diameter (LN, 11626-9)		mm	X
		Q2 D	Second Quadrant Diameter (LN, 11626-9)		mm	X
		Q3 D	Third Quadrant Diameter (LN, 11625-1)		mm	X
		Q3 D	Third Quadrant Diameter (LN, 11625-1)		mm	X
		Q3 D	Third Quadrant Diameter (LN, 11625-1)		mm	X
		Q4 D	Fourth Quadrant Diameter (LN, 11623-6)		mm	X
		Q4 D	Fourth Quadrant Diameter (LN, 11623-6)		mm	X
		Q4 D	Fourth Quadrant Diameter (LN, 11623-6)		mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		TC C	Thoracic Circumference (LN, 11988-3)		mm	X
		HW D	Width of Hemisphere (LN, 12170-7)		mm	X
		Cerebellum D	Trans Cerebellar Diameter (LN, 11863-8)		mm	X
		Lat Vent D	Lateral Ventricle width (LN, 12171-5)		mm	X
		OFD D	Occipital-Frontal Diameter (LN, 11851-3)		mm	X
		APTD D	Anterior-Posterior Trunk Diameter (LN, 11819-0)		mm	X
		TTD D	Transverse Thoracic Diameter (LN, 11864-6)		mm	X
		APTD x TTD	APTD x TTD (99SIEMENS, APTDxTTD)		cm ²	
		TAD D	Transverse Abdominal Diameter (LN, 11862-0)		mm	X
		APAD D	Anterior-Posterior Abdominal Diameter (LN, 11818-2)		mm	X
		Mean Sac Diam D	Mean Sac Diameter (99SIEMENS, MeanSacDiam)		mm	X
		Mean Sac Diam D1	Gestational Sac Diameter (LN, 11850-5)		mm	X
		Mean Sac Diam D2	Gestational Sac Diameter (LN, 11850-5)		mm	X
		Mean Sac Diam D3	Gestational Sac Diameter (LN, 11850-5)		mm	X
		CI Hadlock	Cephalic Index (LN, 11823-2)			
		CI Chitty	Cephalic Index (LN, 11823-2)			
		TA A	Thoracic Area (LN, 33068-8)		cm ²	X
		BPDa	BPD area corrected (LN, 11824-0)		mm	
		Cerebellum / AC Meyer	TCD/AC (99SIEMENS, TCDOverAC)			
		Cerebellum / AC Nicolaides	TCD/AC (99SIEMENS, TCDOverAC)			
		Lat Vent/HW Johnson	LVW/HW (99SIEMENS, LVWOverHW)			
		FL/AC Hadlock	FL/AC (LN, 11871-1)			
		HC/AC Campbell	HC/AC (LN, 11947-9)			
		HC/AC Nicolaides	HC/AC (LN, 11947-9)			
		FL/BPD Hohler	FL/BPD (LN, 11872-9)			
		Cardiac Axis Angle	Cardiac axis (SRT, F-0258C)		°	X
		Total Cardiac Dimension D	Total Cardiac Dimension (99SIEMENS, TotalCardDims)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		CTR Area A/B	Cardiothoracic Area Ratio (LN, 59076-0)			X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		CTR Area A	Fetal Heart Area (99SIEMENS, FetalHeartArea)		cm²	X
		CTR Area B	Fetal Thoracic Cross-Sectional Area (99SIEMENS, FetThoCroSectA)		cm²	X
		Umbilical Vein	Container : Umbilical Vein (SRT, T-F1820)			
		Umb V Diam D	Umbilical Vein Diameter (99SIEMENS, UmbiVeinDia)		mm	X
		Umb V A Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Umb V A Vmax Vel	A-Wave Peak Velocity (LN, 59081-0)		cm/s	X
		Umb V D Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Umb V D Vmax Vel	Diastolic blood velocity, peak (DCM, 122202)		cm/s	X
		Umb V S Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Umb V S Vmax Vel	Systolic blood velocity, peak (DCM, 122204)		cm/s	X
		Umbilical Artery	Container : Umbilical Artery (SRT, T-F1810)			
		Umb A D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		Umb A A	Area of Volume Flow (99SIEMENS, VolFArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm²	X
		Umb A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A FV	Volume Flow (LN, 33878-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	L/min	X
		Umb A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mm	X
		Umb A A	Area of Volume Flow (99SIEMENS, VolFArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm²	X
		Umb A TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A FV	Volume Flow (LN, 33878-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	L/min	X
		Umb A Vel	Flow Velocity (DCM, 110828)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	X
		Umb A PS	Peak Systolic Velocity (LN, 11726-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A ED	End Diastolic Velocity (LN, 11653-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Umb A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
		Umb A RI	Resistivity Index (LN, 12023-8)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
		Umb A PI	Pulsatility Index (LN, 12008-9)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
		Umb A TAmx	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A TAmn	Time averaged mean velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A MD	Minimum Diastolic Velocity (LN, 11665-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
		Umb A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
		Ductus venosus	Container : Ductus venosus (SRT, T-F6806)			
		Ductus V S Vel	Systolic blood velocity, peak (DCM, 122204)		cm/s	X
		Ductus V S PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Ductus V A Vel	A-Wave Peak Velocity (LN, 59081-0)		cm/s	X
		Ductus V A PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Ductus V D Vel	Diastolic blood velocity, peak (DCM, 122202)		cm/s	X
		Ductus V D PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Ductus V PLI	Ductus Venous Preload Index (99SIEMENS, DuctusVPLI)			X
		Ductus V S/a	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Ductus V PVIV	Ductus Venous Peak velocity index for veins (99SIEMENS, DuctusVPVIV)			X
		Middle Cerebral Artery	Container : Middle Cerebral Artery (SRT, T-45600)			
X		MCA A	Area of Volume Flow (99SIEMENS, VolFArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm ²	X
X		MCA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA FV	Volume Flow (LN, 33878-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	L/min	X
X		MCA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mm	X
X		MCA A	Area of Volume Flow (99SIEMENS, VolFArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm ²	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		MCA TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA FV	Volume Flow (LN, 33878-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	L/min	X
X		MCA Vel	Flow Velocity (DCM, 110828)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	X
X		MCA PS	Peak Systolic Velocity (LN, 11726-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA ED	End Diastolic Velocity (LN, 11653-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		MCA RI	Resistivity Index (LN, 12023-8)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		MCA PI	Pulsatility Index (LN, 12008-9)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		MCA TAMx	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA TAMn	Time averaged mean velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA MD	Minimum Diastolic Velocity (LN, 11665-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		MCA Accel	Acceleration Index (LN, 20167-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	m/s ²	X
X		MCA T	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	X
X		MCA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
		Aortic Arch	Container : Aortic Arch (SRT, T-42300)			
		Aorta D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		Aorta ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		Aorta Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Aorta PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Aorta PI	Pulsatility Index (LN, 12008-9)			
		Aorta RI	Resistivity Index (LN, 12023-8)			
		Aorta SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Aorta TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		Aorta TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		Aorta MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	
		Aorta Mean TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		Aorta PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		Aorta PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		Aorta PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		AoD Arch D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		AoD Arch D	Diameter (SRT, M-02550)		mm	X
		Ao Arch Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Ao Arch Vmax Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Left Ventricle	Container : Left Ventricle (SRT, T-32600)			
		IVS d D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Interventricular Septum (SRT, T-32410)	mm	X
		IVS d D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Finding Site: Interventricular Septum (SRT, T-32410)	mm	X
		IVS s D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Interventricular Septum (SRT, T-32410)	mm	X
		IVS s D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Finding Site: Interventricular Septum (SRT, T-32410)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mm	X
		LVPW d D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Posterior Wall (SRT, R-42175)	mm	X
		LVPW d D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Finding Site: Posterior Wall (SRT, R-42175)	mm	X
		LVPW s D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		LVPW s D	ROI Thickness by US (LN, 59089-3)	Finding Site: Posterior Wall (SRT, R-42175) Image Mode (SRT, G-0373): M mode (SRT, G-0394) Finding Site: Posterior Wall (SRT, R-42175)	mm	X
		EDV (Cubed) Cubed	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		ESV (Cubed) Cubed	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		SV (Cubed) Cubed	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		EF (Cubed) Cubed	Cardiac ejection fraction (SRT, F-32070)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	%	
		FS (Cubed) Cubed	Fractional Shortening (LN, 59132-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	%	
		EDV (Teichholz) Teichholz	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		ESV (Teichholz) Teichholz	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		SV (Teichholz) Teichholz	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		EF (Teichholz) Teichholz	Cardiac ejection fraction (SRT, F-32070)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	%	
		FS (Teichholz) Teichholz	Fractional Shortening (LN, 59132-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		EDV (Gibson) Gibson	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mL	
		ESV (Gibson) Gibson	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mL	
		SV (Gibson) Gibson	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mL	
		EF (Gibson) Gibson	Cardiac ejection fraction (SRT, F-32070)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	%	
		FS (Gibson) Gibson	Fractional Shortening (LN, 59132-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	%	
		LV MPI	Myocardial Performance Index (Tei) (LN, 59099-2)			
		LVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650)	mm	X
		LVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Finding Site: Left Ventricle Outflow Tract (SRT, T-32650)	mm	X
		LV ET T	Ejection Time (LN, 20222-6)		ms	X
		LVOT Vmax PG	Peak Gradient (LN, 20247-3)	Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	mmHg	X
		LVOT Vmax Vel	Blood velocity, peak (DCM, 122207)	Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	cm/s	X
		Right Ventricle	Container : Right Ventricle (SRT, T-32500)			
		RV MPI	Myocardial Performance Index (Tei) (LN, 59099-2)			
		RVD d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		RVD d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mm	X
		RVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Right Ventricle Outflow Tract (SRT, T-32550)	mm	X
		RVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Finding Site: Right Ventricle Outflow Tract (SRT, T-32550)	mm	X
		RV ET T	Ejection Time (LN, 20222-6)		ms	X
		RVOT Vmax PG	Peak Gradient (LN, 20247-3)	Finding Site: Right Ventricle Outflow Tract (SRT, T-32550)	mmHg	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)		
		RVOT Vmax Vel	Blood velocity, peak (DCM, 122207)	Finding Site: Right Ventricle Outflow Tract (SRT, T-32550) Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	cm/s	X
		Ascending Aorta	Container : Ascending Aorta (SRT, T-42100)			
		Asc AoD D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		Asc AoD D	Diameter (SRT, M-02550)		mm	X
		Asc Ao Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Asc Ao Vmax Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		Descending Aorta	Container : Descending Aorta (SRT, T-D0765)			
		Desc AoD D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		Desc AoD D	Diameter (SRT, M-02550)		mm	X
		Desc Ao Vmax PG	Peak Gradient (LN, 20247-3)	Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	mmHg	X
		Desc Ao Vmax Vel	Blood velocity, peak (DCM, 122207)	Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	cm/s	X
		Pulmonary Artery	Container : Pulmonary Artery (SRT, T-44000)			
		PA D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		PA D	Diameter (SRT, M-02550)		mm	X
		PA Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		PA PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Inferior Vena Cava	Container : Inferior Vena Cava (SRT, T-48710)			
		IVC PLI V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	X
		IVC PLI V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	X
		IVC PLI V1/V2	Velocity ratio (LN, 33867-3)			X
		Mitral Valve	Container : Mitral Valve (SRT, T-35300)			
		LV C-O dur T	Closure to Opening Time (LN, 59082-8)		ms	X
		Tricuspid Valve	Container : Tricuspid Valve (SRT, T-35100)			
		RV C-O dur T	Closure to Opening Time (LN, 59082-8)		ms	X
		Ductus arteriosus	Container : Ductus arteriosus (SRT, T-F6845)			
		DA Vmax Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		DA Vmax PG	Pressure Gradient (SRT, F-023F7)		mmHg	X

9.3.5 Fetus Characteristics

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetus Characteristics	Container : Fetus Characteristics (DCM, 125015)			
		EFW1 Hansmann	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, TTD, Hansmann 1986 (LN, 33139-7)	g	
		EFW1 Hadlock1	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, FL, Hadlock 1985 (LN, 11751-5)	g	
		EFW1 Hadlock2	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, BPD, FL, Hadlock 1985 (LN, 11735-8)	g	
		EFW1 Hadlock4	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, BPD, FL, HC, Hadlock 1985 (LN, 11732-5)	g	
		EFW1 Hadlock3	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, FL, HC, Hadlock 1985 (LN, 11746-5)	g	
		EFW1 JSUM	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, AC, FL, JSUM 2003 (99SIEMENS, EFW101-12-02)	g	
		EFW1 JSUM(APTDxTTD)	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, APTD, TTD, FL, JSUM 2003 (99SIEMENS, EFW101-12-01)	g	
		EFW1 Osaka	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, FTA, FL, Osaka 1990 (LN, 33140-5)	g	
		EFW1 Shepard	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC and BPD, Shepard 1982 (LN, 11739-0)	g	
		EFW1 Tokyo	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, APTD, TTD, FL, Tokyo 1987 (99SIEMENS, EFW101-20-01)	g	
		EFW1 Merz	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, AC, Merz 2005 (99SIEMENS, EFW101-16-01)	g	
		EFW2 Hansmann	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, TTD, Hansmann 1986 (LN, 33139-7)	g	
		EFW2 Hadlock1	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, FL, Hadlock 1985 (LN, 11751-5)	g	
		EFW2 Hadlock2	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, BPD, FL, Hadlock 1985 (LN, 11735-8)	g	
		EFW2 Hadlock4	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, BPD, FL, HC, Hadlock 1985 (LN, 11732-5)	g	
		EFW2 Hadlock3	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC, FL, HC, Hadlock 1985 (LN, 11746-5)	g	
		EFW2 JSUM	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, AC, FL, JSUM 2003 (99SIEMENS, EFW101-12-02)	g	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		EFW2 JSUM(APTDxTTD)	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, APTD, TTD, FL, JSUM 2003 (99SIEMENS, EFW101-12-01)	g	
		EFW2 Osaka	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, FTA, FL, Osaka 1990 (LN, 33140-5)	g	
		EFW2 Shepard	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by AC and BPD, Shepard 1982 (LN, 11739-0)	g	
		EFW2 Tokyo	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, APTD, TTD, FL, Tokyo 1987 (99SIEMENS, EFW101-20-01)	g	
		EFW2 Merz	Estimated Weight (LN, 11727-5)	Equation (DCM, 121420): EFW by BPD, AC, Merz 2005 (99SIEMENS, EFW101-16-01)	g	
		GA (BPD) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): BPD, Hadlock 1984 (LN, 11902-4)	weeks and days	
		GA (BPD) Hansmann	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Hansmann 1986 (LN, 33538-0)	weeks and days	
		GA (BPD) Jeanty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Jeanty 1984 (LN, 11905-7)	weeks and days	
		GA (BPD) Chitty (outer-inner)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD-oi, Chitty 1997 (LN, 33086-0)	weeks and days	
		GA (BPD) Chitty (outer-outer)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD-oo, Chitty 1997 (LN, 33087-8)	weeks and days	
		GA (BPD) ASUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, ASUM 2000 (99SIEMENS, GA107-01-02)	weeks and days	
		GA (BPD) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, JSUM 2003 (99SIEMENS, GA107-12-01)	weeks and days	
		GA (BPD) Lasser	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD (outer-inner), Lasser 1993 (99SIEMENS, GA107-14-01)	weeks and days	
		GA (BPD) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Merz 1991 (99SIEMENS, GA107-16-01)	weeks and days	
		GA (BPD) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Osaka 1983 (99SIEMENS, GA107-18-01)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (BPD) Rempen	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Rempen 2001 (99SIEMENS, GA107-25-01)	weeks and days	
		GA (BPD) Verburg (outer-outer)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD (outer-outer), Verburg 2008 (99SIEMENS, GA107-22-01)	weeks and days	
		GA (BPD) CFEF	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, CFEF 2000 (99SIEMENS, GA107-03-01)	weeks and days	
		GA (BPD) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Tokyo (99SIEMENS, GA107-20-01)	weeks and days	
		GA (BPDa) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): BPD, Hadlock 1984 (LN, 11902-4)	weeks and days	
		GA (BPDa) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Merz 1991 (99SIEMENS, GA107-16-01)	weeks and days	
		GA (BPDa) Lasser	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD (outer-inner), Lasser 1993 (99SIEMENS, GA107-14-01)	weeks and days	
		GA (BPDa) Rempen	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Rempen 2001 (99SIEMENS, GA107-25-01)	weeks and days	
		GA (BPDa) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Osaka 1983 (99SIEMENS, GA107-18-01)	weeks and days	
		GA (BPDa) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, JSUM 2003 (99SIEMENS, GA107-12-01)	weeks and days	
		GA (BPDa) ASUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, ASUM 2000 (99SIEMENS, GA107-01-02)	weeks and days	
		GA (BPDa) Verburg (outer-outer)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD (outer-outer), Verburg 2008 (99SIEMENS, GA107-22-01)	weeks and days	
		GA (BPDa) Jeanty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Jeanty 1984 (LN, 11905-7)	weeks and days	
		GA (BPDa) Hansmann	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Hansmann 1986 (LN, 33538-0)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (BPDa) Chitty (outer-inner)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD-oi, Chitty 1997 (LN, 33086-0)	weeks and days	
		GA (BPDa) Chitty (outer-outer)	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD-oo, Chitty 1997 (LN, 33087-8)	weeks and days	
		GA (BPDa) CFEF	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, CFEF 2000 (99SIEMENS, GA107-03-01)	weeks and days	
		GA (BPDa) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): BPD, Tokyo (99SIEMENS, GA107-20-01)	weeks and days	
		GA (HC) Chitty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HC measured, Chitty 1997 (LN, 33110-8)	weeks and days	
		GA (HC) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): HC, Hadlock 1984 (LN, 11932-1)	weeks and days	
		GA (HC) Hansmann	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HC, Hansmann 1986 (LN, 33543-0)	weeks and days	
		GA (HC) ASUM 2003	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): HC, ASUM 2003 (99SIEMENS, GA116-01-01)	weeks and days	
		GA (HC) Lasser	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HC, Lasser 1993 (99SIEMENS, GA116-14-01)	weeks and days	
		GA (HC) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HC, Merz 1991 (99SIEMENS, GA116-16-01)	weeks and days	
		GA (HC) CFEF	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HC, CFEF 2000 (99SIEMENS, GA116-03-01)	weeks and days	
		GA (AC) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): AC, Hadlock 1984 (LN, 11892-7)	weeks and days	
		GA (AC) ASUM 2003	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): AC, ASUM 2003 (99SIEMENS, GA102-01-01)	weeks and days	
		GA (AC) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): AC, JSUM 2003 (99SIEMENS, GA102-12-01)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (AC) Lasser	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): AC, Lasser 1993 (99SIEMENS, GA102-14-01)	weeks and days	
		GA (AC) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): AC, Merz 1991 (99SIEMENS, GA102-16-01)	weeks and days	
		GA (AC) CFEF	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): AC, CFEF 2000 (99SIEMENS, GA102-03-01)	weeks and days	
		GA (AC) Chitty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): AC, Chitty 1994 (99SIEMENS, GA102-05-01)	weeks and days	
		GA (FL) Chitty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, Chitty 1997 (LN, 33098-5)	weeks and days	
		GA (FL) Hadlock	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): FL, Hadlock 1984 (LN, 11920-6)	weeks and days	
		GA (FL) Jeanty	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): FL, Jeanty 1984 (LN, 11923-0)	weeks and days	
		GA (FL) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, Tokyo 1986 (LN, 33103-3)	weeks and days	
		GA (FL) ASUM 2003	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): FL, ASUM 2003 (99SIEMENS, GA112-01-01)	weeks and days	
		GA (FL) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, JSUM 2003 (99SIEMENS, GA112-12-01)	weeks and days	
		GA (FL) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, Merz 1991 (99SIEMENS, GA112-16-01)	weeks and days	
		GA (FL) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, Osaka 1983 (99SIEMENS, GA112-18-01)	weeks and days	
		GA (FL) WARDA	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): FL, Warda (99SIEMENS, GA112-23-01)	weeks and days	
		GA (FL) CFEF	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): FL, CFEF 2000 (99SIEMENS, GA112-03-01)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (HL) Jeanty	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): Humerus, Jeanty 1984 (LN, 11936-2)	weeks and days	
		GA (HL) ASUM 2003	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): HL, ASUM 2003 (99SIEMENS, GA117-01-01)	weeks and days	
		GA (HL) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): HL, Osaka 1983 (99SIEMENS, GA117-18-01)	weeks and days	
		GA (OFD) ASUM	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): OFD, ASUM 2003 (99SIEMENS, GA119-01-01)	weeks and days	
		GA (OFD) Chitty	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): OFD, Chitty 1994 (99SIEMENS, GA119-05-01)	weeks and days	
		GA (APTD x TTD) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): APTDxTTD, Tokyo (99SIEMENS, GA105-20-01)	weeks and days	
		GA (TAD) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): ATD, Merz 1996 (99SIEMENS, GR138-16-01)	weeks and days	
		GA (APAD) Merz	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): APAD, Merz 1996 (99SIEMENS, GR137-16-01)	weeks and days	
		GA (EFW1) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, JSUM 2003 (99SIEMENS, GA101-12-01)	weeks and days	
		GA (EFW1) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, Osaka 1983 (99SIEMENS, GA101-18-01)	weeks and days	
		GA (EFW1) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, Tokyo 1987 (99SIEMENS, GA101-20-01)	weeks and days	
		GA (EFW2) JSUM	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, JSUM 2003 (99SIEMENS, GA101-12-01)	weeks and days	
		GA (EFW2) Osaka	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, Osaka 1983 (99SIEMENS, GA101-18-01)	weeks and days	
		GA (EFW2) Tokyo	Gestational Age (LN, 18185-9)	Table of Values (DCM, 121424): Gestational Age by EFW, Tokyo 1987 (99SIEMENS, GA101-20-01)	weeks and days	
		Growth (BPD) Chitty(O-I)	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): BPD outer-inner by GA, Chitty 1994 (LN, 33556-2)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (BPD) Chitty(O-O)	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): BPD outer-outer by GA, Chitty 1994 (LN, 33152-0)	%	
		Growth (BPD) Hadlock	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): BPD by GA, Hadlock 1984 (LN, 33198-3)	%	
		Growth (BPD) Rempen	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Rempen 1991 (LN, 33155-3)	%	
		Growth (BPD) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, CFEF 2000 (99SIEMENS, GR107-03-01)	%	
		Growth (BPD) Grumbach (twins)	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Grumbach 1986 (twin) (99SIEMENS, GR107-07-01)	%	
		Growth (BPD) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Hansmann 1986 (99SIEMENS, GR107-09-01)	%	
		Growth (BPD) Lasser	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): BPD by GA, Lasser 1993 (99SIEMENS, GR107-14-01)	%	
		Growth (BPD) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Merz 1996 (99SIEMENS, GR107-16-01)	%	
		Growth (BPD) Nicolaidis	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Nicolaidis 1994 (99SIEMENS, GR107-17-01)	%	
		Growth (BPD) Osaka	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Osaka 1983 (99SIEMENS, GR107-18-01)	%	
		Growth (BPD) Tokyo	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Tokyo (99SIEMENS, GR107-20-01)	%	
		Growth (BPD) Verburg	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, Verburg 2008 (99SIEMENS, GR107-22-01)	%	
		Growth (BPD) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR107-29-01)	%	
		Growth (BPD) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, ASUM 2000 (99SIEMENS, GR107-01-02)	%	
		Growth (BPD) JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): BPD by GA, JSUM 2003 (99SIEMENS, GR107-12-01)	%	
		Growth (HC) Hadlock	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): HC by GA, Hadlock 1984 (LN, 33173-6)	%	
		Growth (HC) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, CFEF 2000 (99SIEMENS, GR116-03-01)	%	
		Growth (HC) Chitty	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): HC by GA, Chitty 1994 (99SIEMENS, GR116-05-01)	%	
		Growth (HC) Deter	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): HC by GA, Deter 1982 (99SIEMENS, GR116-06-01)	%	
		Growth (HC) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, Hansmann 1986 (99SIEMENS, GR116-09-01)	%	
		Growth (HC) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, Merz 1996 (99SIEMENS, GR116-16-01)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (HC) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, Nicolaides 1994 (99SIEMENS, GR116-17-01)	%	
		Growth (HC) Verburg	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, Verburg 2008 (99SIEMENS, GR116-22-01)	%	
		Growth (HC) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR116-29-01)	%	
		Growth (HC) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC by GA, ASUM 2000 (99SIEMENS, GR116-01-02)	%	
		Growth (AC) Chitty	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): AC (measured) by GA, Chitty 1994 (LN, 33147-0)	%	
		Growth (AC) Hadlock	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): AC by GA, Hadlock 1984 (LN, 33146-2)	%	
		Growth (AC) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, CFEF 2000 (99SIEMENS, GR102-03-01)	%	
		Growth (AC) DETER	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): AC by GA, Deter 1982 (99SIEMENS, GR102-06-01)	%	
		Growth (AC) Grumbach (twins)	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, Grumbach 1986 (twin) (99SIEMENS, GR102-07-01)	%	
		Growth (AC) Jeanty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, Jeanty 1984 (99SIEMENS, GR102-11-01)	%	
		Growth (AC) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, Merz 1996 (99SIEMENS, GR102-16-01)	%	
		Growth (AC) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, Nicolaides 1994 (99SIEMENS, GR102-17-01)	%	
		Growth (AC) Verburg	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, Verburg 2008 (99SIEMENS, GR102-22-01)	%	
		Growth (AC) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR102-29-01)	%	
		Growth (AC) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, ASUM 2000 (99SIEMENS, GR102-01-02)	%	
		Growth (AC) JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AC by GA, JSUM 2003 (99SIEMENS, GR102-12-01)	%	
		Growth (AFI) Moore	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): AFI by GA, Moore 1990 (99SIEMENS, GR135-27-01)	%	
		Growth (APTD x TTD) Tokyo	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): APTDxTTD by GA, Tokyo (99SIEMENS, GR105-20-01)	%	
		Growth (APTD x TTD) JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): APTDxTTD by GA, JSUM 2003 (99SIEMENS, GR105-12-01)	%	
		Growth (CI) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CI by GA, Chitty 1994 (99SIEMENS, GR139-05-01)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (CI) Hadlock	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): CI by GA, Hadlock 1981 (99SIEMENS, GR139-08-01)	%	
		Growth (EFW1) Brenner	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Brenner 1976 (LN, 33189-2)	%	
		Growth (EFW1) Brenner(76)	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Brenner 1976 (LN, 33189-2)	%	
		Growth (EFW1) Hadlock	EFW percentile rank (LN, 11767-1)	Equation (DCM, 121420): EFW by GA, Hadlock 1991 (LN, 33162-9)	%	
		Growth (EFW1) Doubilet	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Doubilet 1996 (99SIEMENS, GR101-26-01)	%	
		Growth (EFW1) Jeanty	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Jeanty 1994 (99SIEMENS, GR101-11-01)	%	
		Growth (EFW1) JSUM	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, JSUM 2003 (99SIEMENS, GR101-12-01)	%	
		Growth (EFW1) Osaka	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Osaka 1983 (99SIEMENS, GR101-18-01)	%	
		Growth (EFW1) Tokyo	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Tokyo (99SIEMENS, GR101-20-01)	%	
		Growth (EFW1) Yarkoni	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Yarkoni 1987 (99SIEMENS, GR101-24-01)	%	
		Growth (EFW1) Hansmann	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Hansmann 1986 (99SIEMENS, GR101-09-01)	%	
		Growth (EFW2) Brenner	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Brenner 1976 (LN, 33189-2)	%	
		Growth (EFW2) Brenner(76)	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Brenner 1976 (LN, 33189-2)	%	
		Growth (EFW2) Hadlock	EFW percentile rank (LN, 11767-1)	Equation (DCM, 121420): EFW by GA, Hadlock 1991 (LN, 33162-9)	%	
		Growth (EFW2) Doubilet	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Doubilet 1996 (99SIEMENS, GR101-26-01)	%	
		Growth (EFW2) Jeanty	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Jeanty 1994 (99SIEMENS, GR101-11-01)	%	
		Growth (EFW2) JSUM	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, JSUM 2003 (99SIEMENS, GR101-12-01)	%	
		Growth (EFW2) Osaka	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Osaka 1983 (99SIEMENS, GR101-18-01)	%	
		Growth (EFW2) Tokyo	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Tokyo (99SIEMENS, GR101-20-01)	%	
		Growth (EFW2) Yarkoni	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Yarkoni 1987 (99SIEMENS, GR101-24-01)	%	
		Growth (EFW2) Hansmann	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Hansmann 1986 (99SIEMENS, GR101-09-01)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (Williams EFW1) Williams Male	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (male) (LN, 33184-3)	%	
		Growth (Williams EFW1) Williams Female	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (female) (LN, 33184-3)	%	
		Growth (Williams EFW1) Williams	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (LN, 33184-3)	%	
		Growth (Williams EFW2) Williams Male	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (male) (LN, 33184-3)	%	
		Growth (Williams EFW2) Williams Female	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (female) (LN, 33184-3)	%	
		Growth (Williams EFW2) Williams	EFW percentile rank (LN, 11767-1)	Table of Values (DCM, 121424): FWP by GA, Williams 1982 (LN, 33184-3)	%	
		Growth (FL) Chitty	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): FL by GA, Chitty 1994 (LN, 33167-8)	%	
		Growth (FL) Hadlock	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): FL by GA, Hadlock 1984 (LN, 33166-0)	%	
		Growth (FL) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, CFEF 2000 (99SIEMENS, GR112-03-01)	%	
		Growth (FL) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Hansmann 1986 (99SIEMENS, GR112-09-01)	%	
		Growth (FL) Jeanty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Jeanty 1984 (99SIEMENS, GR112-11-01)	%	
		Growth (FL) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Merz 1991 (99SIEMENS, GR112-16-01)	%	
		Growth (FL) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Nicolaides 1994 (99SIEMENS, GR112-17-01)	%	
		Growth (FL) Tokyo	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Tokyo (99SIEMENS, GR112-20-01)	%	
		Growth (FL) Verburg	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, Verburg 2008 (99SIEMENS, GR112-22-01)	%	
		Growth (FL) WARDA	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): FL by GA, Warda 1985 (99SIEMENS, GR112-23-01)	%	
		Growth (FL) Osaka	Growth Percentile Rank (DCM, 125012)	Equation (DCM, 121420): FL by GA, Osaka 1983 (99SIEMENS, GR112-18-01)	%	
		Growth (FL) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR112-29-01)	%	
		Growth (FL) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, ASUM 1998 (99SIEMENS, GR112-01-02)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (FL) JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL by GA, JSUM 2003 (99SIEMENS, GR112-12-01)	%	
		Growth (FL/AC) Hadlock	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL/AC by GA, Hadlock 1983 (99SIEMENS, GR141-08-01)	%	
		Growth (FL/BPD) Hohler	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): FL/BPD by GA, Hohler 1981 (99SIEMENS, GR142-32-01)	%	
		Growth (HC/AC) Campbell	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC/AC by GA, Campbell 1977 (LN, 33182-7)	%	
		Growth (HC/AC) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HC/AC by GA, Nicolaides 1994 (99SIEMENS, GR143-17-01)	%	
		Growth (HL) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, Chitty 2002 (99SIEMENS, GR117-05-01)	%	
		Growth (HL) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, Hansmann 1986 (99SIEMENS, GR117-09-01)	%	
		Growth (HL) Jeanty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, Jeanty 1984 (99SIEMENS, GR117-11-01)	%	
		Growth (HL) Merz	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, Merz 1996 (99SIEMENS, GR117-16-01)	%	
		Growth (HL) Osaka	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, Osaka 1983 (99SIEMENS, GR117-18-01)	%	
		Growth (HL) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): HL by GA, ASUM 2000 (99SIEMENS, GR117-01-02)	%	
		Growth (OFD) Chitty	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): OFD by GA, Chitty 1994 (LN, 33179-3)	%	
		Growth (OFD) Hansmann	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): OFD by GA, Hansmann 1986 (99SIEMENS, GR119-09-01)	%	
		Growth (OFD) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): OFD by GA, Nicolaides 1994 (99SIEMENS, GR119-17-01)	%	
		Growth (OFD) INTERGROWTH-21st	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): OFD by GA, INTERGROWTH-21st 2014 (99SIEMENS, GR119-29-01)	%	
		Growth (OFD) ASUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): OFD by GA, ASUM 2000 (99SIEMENS, GR119-01-02)	%	
		Growth (Cerebellum) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TCD by GA, Nicolaides 1994 (99SIEMENS, GR108-17-01)	%	
		Growth (Cerebellum) Verburg	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TCD by GA, Verburg 2008 (99SIEMENS, GR108-22-01)	%	
		Growth (Cerebellum) CFEF	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TCD by GA, CFEF 2003 (99SIEMENS, GR108-03-01)	%	
		Growth (Cerebellum / AC) Meyer	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TCD/AC by GA, Meyer 1993 (99SIEMENS, GR149-33-01)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Growth (Cerebellum / AC) Nicolaides	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TCD/AC by GA, Nicolaides 1994 (99SIEMENS, GR149-17-01)	%	
		Growth (TC) Chitkara	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): TC by GA, Chitkara 1987 (99SIEMENS, GR122-04-01)	%	
X		MCA PI JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): MCA PI by GA JSUM 2003 (99SIEMENS, GR146-12-01)	%	
X		MCA RI JSUM	Growth Percentile Rank (DCM, 125012)	Table of Values (DCM, 121424): MCA RI by GA JSUM 2003 (99SIEMENS, GR147-12-01)	%	
		USMA Average	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Average Ultrasound Age (LN, 11884-4)	days	
		USMA Hadlock6	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (AC, FL) (99SIEMENS, CA100-08-01)	days	
		USMA Hadlock2	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, AC) (99SIEMENS, CA100-08-02)	days	
		USMA Hadlock9	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, AC, FL) (99SIEMENS, CA100-08-03)	days	
		USMA Hadlock3	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, FL) (99SIEMENS, CA100-08-04)	days	
		USMA Hadlock1	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, HC) (99SIEMENS, CA100-08-05)	days	
		USMA Hadlock7	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, HC, AC) (99SIEMENS, CA100-08-06)	days	
		USMA Hadlock11	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, HC, AC, FL) (99SIEMENS, CA100-08-07)	days	
		USMA Hadlock8	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (BPD, HC, FL) (99SIEMENS, CA100-08-08)	days	
		USMA Hadlock4	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (HC, AC) (99SIEMENS, CA100-08-09)	days	
		USMA Hadlock10	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (HC, AC, FL) (99SIEMENS, CA100-08-10)	days	
		USMA Hadlock5	Composite Ultrasound Age (LN, 11888-5)	Equation (DCM, 121420): Composite US Age, Hadlock (HC, FL) (99SIEMENS, CA100-08-11)	days	
		Fetal HR HR	Heart Rate (LN, 8867-4)		bpm	X
		Fetal HR HR	Heart Rate (LN, 8867-4)		bpm	X
		Fetal HR T	Time (99SIEMENS, Time)		ms	X
		Fetal HR T	Time (99SIEMENS, Time)		ms	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		GA (Cerebellum) Hill	Gestational Age (LN, 18185-9)	Equation (DCM, 121420): TCD, Hill 1990 (LN, 33134-8)	weeks and days	

9.3.6 Fetal Biometry

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Biometry	Container : Fetal Biometry (DCM, 125002)			
		Biometry Group	Container : Biometry Group (DCM, 125005)			
		SD (BPD) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Hansmann		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Chitty (outer-inner)		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Chitty (outer-outer)		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) ASUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) JSUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Lasser		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Merz		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Rempen		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPD) Verburg (outer-outer)		2 Sigma deviation of population (DCM, 121417)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SD (BPDa) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Merz		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Lasser		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) ASUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Rempen		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) JSUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Verbura (outer- outer)		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Hansmann		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Chitty (outer-inner)		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (BPDa) Chitty (outer-outer)		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (HC) Chitty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (HC) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (HC) Hansmann		2 Sigma deviation of population (DCM, 121417)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SD (HC) Lasser		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (HC) Merz		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (AC) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (AC) JSUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (AC) Lasser		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (AC) Merz		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (AC) Chitty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) Chitty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) Hadlock		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) JSUM		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) Tokyo		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) Merz		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (FL) WARDA		2 Sigma deviation of population (DCM, 121417)	weeks and days	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SD (OFD) Chitty		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		SD (APTD x TTD) Tokyo		2 Sigma deviation of population (DCM, 121417)	weeks and days	

9.3.7 Fetal Long Bones

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Long Bones	Container : Fetal Long Bones (DCM, 125003)			
		Biometry Group	Container : Biometry Group (DCM, 125005)			
		SD (HL) Jeanty		2 Sigma deviation of population (DCM, 121417)	weeks and days	

9.3.8 Fetus Summary

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Summary	Container : Summary (DCM, 121111)			
		Fetus Summary	Container : Fetus Summary (DCM, 125008)			
		SD (EFW1) Hansmann		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Hadlock1		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Hadlock2		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Hadlock4		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Hadlock3		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Shepard		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Tokyo		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW1) Merz		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Hansmann		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Hadlock1		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Hadlock2		2 Sigma deviation of population (DCM, 121417)	g	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SD (EFW2) Hadlock4		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Hadlock3		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Shepard		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Tokyo		2 Sigma deviation of population (DCM, 121417)	g	
		SD (EFW2) Merz		2 Sigma deviation of population (DCM, 121417)	g	
		USMA (SD) Hadlock6		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock2		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock9		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock3		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock1		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock7		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock11		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock8		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock4		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock10		2 Sigma deviation of population (DCM, 121417)	weeks and days	
		USMA (SD) Hadlock5		2 Sigma deviation of population (DCM, 121417)	weeks and days	

9.3.9 Fetus Fetal Biometry Ratios

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Biometry Ratios	Container : Fetal Biometry Ratios (DCM, 125001)			
		Biometry Group	Container : Biometry Group (DCM, 125005)			
		SD-H (HC/AC) Campbell		Normal Range Upper Limit (SRT, R-0038B)		
		SD-H (HC/AC) Nicolaidis		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (HC/AC) Campbell		Normal Range Lower Limit (SRT, R-10041)		
		SD-L (HC/AC) Nicolaidis		Normal Range Lower Limit (SRT, R-10041)		
		SD-H (FL/BPD) Hohler		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (FL/BPD) Hohler		Normal Range Lower Limit (SRT, R-10041)		
		SD-H (FL/AC) Hadlock		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (FL/AC) Hadlock		Normal Range Lower Limit (SRT, R-10041)		
		SD-H (CI) Hadlock		Normal Range Upper Limit (SRT, R-0038B)		
		SD-H (CI) Chitty		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (CI) Hadlock		Normal Range Lower Limit (SRT, R-10041)		
		SD-L (CI) Chitty		Normal Range Lower Limit (SRT, R-10041)		
		SD-H (Lat Vent/HW) Johnson		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (Lat Vent/HW) Johnson		Normal Range Lower Limit (SRT, R-10041)		
		SD-H (Cerebellum/AC) Meyer		Normal Range Upper Limit (SRT, R-0038B)		
		SD-H (Cerebellum/AC) Meyer		Normal Range Upper Limit (SRT, R-0038B)		
		SD-L (Cerebellum/AC) Meyer		Normal Range Lower Limit (SRT, R-10041)		
		SD-L (Cerebellum/AC) Meyer		Normal Range Lower Limit (SRT, R-10041)		

9.3.10 Fetal Cranium

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Fetal Cranium	Container : Fetal Cranium (DCM, 125004)			
		Biometry Group	Container : Biometry Group (DCM, 125005)			
		SD (TCD) Hill		2 Sigma deviation of population (DCM, 121417)	weeks and days	

9.3.11 Umbilical Vein

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Umbilical Vein	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Umbilical Vein (SRT, T-F1820)		
		Umb V Diam D	Umbilical Vein Diameter (99SIEMENS, UmbiVeinDia)		mm	X
		Umb V A Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Umb V A Vmax Vel	A-Wave Peak Velocity (LN, 59081-0)		cm/s	X
		Umb V D Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Umb V D Vmax Vel	Diastolic blood velocity, peak (DCM, 122202)		cm/s	X
		Umb V S Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Umb V S Vmax Vel	Systolic blood velocity, peak (DCM, 122204)		cm/s	X

9.3.12 Umbilical Artery

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Umbilical Artery	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Umbilical Artery (SRT, T-F1810)		
		Umb A D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		Umb A A	Area of Volume Flow (99SIEMENS, VolFArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm ²	X
		Umb A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A FV	Volume Flow (LN, 33878-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	L/min	X
		Umb A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Umb A A	Area of Volume Flow (99SIEMENS, VolFArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm ²	X
		Umb A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A FV	Volume Flow (LN, 33878-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	L/min	X
		Umb A Vel	Flow Velocity (DCM, 110828)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	X
		Umb A PS	Peak Systolic Velocity (LN, 11726-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A ED	End Diastolic Velocity (LN, 11653-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
		Umb A RI	Resistivity Index (LN, 12023-8)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
		Umb A PI	Pulsatility Index (LN, 12008-9)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
		Umb A TAMx	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A TAMn	Time averaged mean velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A MD	Minimum Diastolic Velocity (LN, 11665-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
		Umb A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
		Umb A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X

9.3.13 Ductus venosus

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Ductus venosus	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Ductus venosus (SRT, T-F6806)		
		Ductus V S Vel	Systolic blood velocity, peak (DCM, 122204)		cm/s	X
		Ductus V S PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Ductus V A Vel	A-Wave Peak Velocity (LN, 59081-0)		cm/s	X
		Ductus V A PG	Peak Gradient (LN, 20247-3)		mmHg	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Ductus V D Vel	Diastolic blood velocity, peak (DCM, 122202)		cm/s	X
		Ductus V D PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Ductus V PLI	Ductus Venous Preload Index (99SIEMENS, DuctusVPLI)			X
		Ductus V S/a	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Ductus V PVIV	Ductus Venous Peak velocity index for veins (99SIEMENS, DuctusVPVIV)			X

9.3.14 Uterine Artery

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Uterine Artery	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Uterine Artery (SRT, T-46820)		
X		Uterine A A	Area of Volume Flow (99SIEMENS, VolFArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm ²	X
X		Uterine A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		Uterine A FV	Volume Flow (LN, 33878-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	L/min	X
X		Uterine A D	Diameter of Volume Flow (99SIEMENS, VolFDiam)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mm	X
X		Uterine A A	Area of Volume Flow (99SIEMENS, VolFArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm ²	X
X		Uterine A TAMn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		Uterine A FV	Volume Flow (LN, 33878-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	L/min	X
X		Uterine A Vel	Blood velocity, peak (DCM, 122207)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		Uterine A PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	X
X		Uterine A PS	Peak Systolic Velocity (LN, 11726-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		Uterine A ED	End Diastolic Velocity (LN, 11653-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		Uterine A SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		Uterine A RI	Resistivity Index (LN, 12023-8)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		Uterine A PI	Pulsatility Index (LN, 12008-9)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		Uterine A TAMx	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		Uterine A TAmn	Time averaged mean velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		Uterine A MD	Minimum Diastolic Velocity (LN, 11665-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		Uterine A PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		Uterine A Accel	Acceleration Slope (LN, 20167-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	m/s ²	X
X		Uterine A T	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	X
X		Uterine A Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		Uterine A Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		Uterine A PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X

9.3.15 Middle Cerebral Artery

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Middle Cerebral Artery	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Middle Cerebral Artery (SRT, T-45600)		
X		MCA A	Area of Volume Flow (99SIEMENS, VolFArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm ²	X
X		MCA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA FV	Volume Flow (LN, 33878-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	L/min	X
X		MCA D	Diameter of Volume Flow (99SIEMENS, VolFDiam)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mm	X
X		MCA A	Area of Volume Flow (99SIEMENS, VolFArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm ²	X
X		MCA TAmn	Time averaged mean velocity of Volume Flow (99SIEMENS, VolFTAMn)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA FV	Volume Flow (LN, 33878-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	L/min	X
X		MCA Vel	Flow Velocity (DCM, 110828)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	X
X		MCA PS	Peak Systolic Velocity (LN, 11726-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA ED	End Diastolic Velocity (LN, 11653-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
X		MCA SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		MCA RI	Resistivity Index (LN, 12023-8)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		MCA PI	Pulsatility Index (LN, 12008-9)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		MCA TAmx	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA TAmn	Time averaged mean velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA MD	Minimum Diastolic Velocity (LN, 11665-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X
X		MCA Accel	Acceleration Index (LN, 20167-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	m/s ²	X
X		MCA T	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	X
X		MCA Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	X
X		MCA PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		X

9.3.16 Aortic Arch

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Aortic Arch	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Aortic Arch (SRT, T-42300)		
		Aorta D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		Aorta ED	End Diastolic Velocity (LN, 11653-3)		cm/s	
		Aorta Vel	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Aorta PS	Peak Systolic Velocity (LN, 11726-7)		cm/s	
		Aorta PI	Pulsatility Index (LN, 12008-9)			
		Aorta RI	Resistivity Index (LN, 12023-8)			
		Aorta SD	Systolic to Diastolic Velocity Ratio (LN, 12144-2)			
		Aorta TAmx	Time averaged peak velocity (LN, 11692-1)		cm/s	
		Aorta TAmn	Time averaged mean velocity (LN, 20352-1)		cm/s	
		Aorta MD	Minimum Diastolic Velocity (LN, 11665-7)		cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Aorta Mean_TCD	TCD Mean Velocity (99SIEMENS, PI-MeanTCD)		cm/s	
		Aorta PI_TCD	TCD Pulsatility Index (99SIEMENS, PI-PITCD)			
		Aorta PI_MD	Minimum Diastole Pulsatility Index (99SIEMENS, PI-PIMD)			
		Aorta PG	Pressure Gradient (SRT, F-023F7)		mmHg	X
		AoD Arch D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		AoD Arch D	Diameter (SRT, M-02550)		mm	X
		Ao Arch Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Ao Arch Vmax Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

9.3.17 Left Ventricle

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Left Ventricle	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Left Ventricle (SRT, T-32600)		
		IVS d D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Interventricular Septum (SRT, T-32410)	mm	X
		IVS d D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Finding Site: Interventricular Septum (SRT, T-32410)	mm	X
		IVS s D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Interventricular Septum (SRT, T-32410)	mm	X
		IVS s D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Finding Site: Interventricular Septum (SRT, T-32410)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)		
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		LVID s D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		LVID d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mm	X
		LVPW d D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Posterior Wall (SRT, R-42175)	mm	X
		LVPW d D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Finding Site: Posterior Wall (SRT, R-42175)	mm	X
		LVPW s D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Posterior Wall (SRT, R-42175)	mm	X
		LVPW s D	ROI Thickness by US (LN, 59089-3)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Finding Site: Posterior Wall (SRT, R-42175)	mm	X
		EDV (Cubed) Cubed	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mL	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)		
		ESV (Cubed) Cubed	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		SV (Cubed) Cubed	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		EF (Cubed) Cubed	Cardiac ejection fraction (SRT, F-32070)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	%	
		FS (Cubed) Cubed	Fractional Shortening (LN, 59132-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	%	
		EDV (Teichholz) Teichholz	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		ESV (Teichholz) Teichholz	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		SV (Teichholz) Teichholz	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		EF (Teichholz) Teichholz	Cardiac ejection fraction (SRT, F-32070)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	%	
		FS (Teichholz) Teichholz	Fractional Shortening (LN, 59132-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	%	
		EDV (Gibson) Gibson	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mL	
		ESV (Gibson) Gibson	Volume (SRT, G-D705)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mL	
		SV (Gibson) Gibson	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mL	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		EF (Gibson) Gibson	Cardiac ejection fraction (SRT, F-32070)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	%	
		FS (Gibson) Gibson	Fractional Shortening (LN, 59132-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	%	
		LV MPI	Myocardial Performance Index (Tei) (LN, 59099-2)			
		LVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650)	mm	X
		LVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Finding Site: Left Ventricle Outflow Tract (SRT, T-32650)	mm	X
		LV ET T	Ejection Time (LN, 20222-6)		ms	X
		LVOT Vmax PG	Peak Gradient (LN, 20247-3)	Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	mmHg	X
		LVOT Vmax Vel	Blood velocity, peak (DCM, 122207)	Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	cm/s	X

9.3.18 Right Ventricle

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Right Ventricle	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Right Ventricle (SRT, T-32500)		
		RV MPI	Myocardial Performance Index (Tei) (LN, 59099-2)			
		RVD d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		RVD d D	ROI Internal Dimension by US (LN, 59090-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mm	X
		RVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Right Ventricle Outflow Tract (SRT, T-32550)	mm	X
		RVOT diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Finding Site: Right Ventricle Outflow Tract (SRT, T-32550)	mm	X
		RV ET T	Ejection Time (LN, 20222-6)		ms	X
		RVOT Vmax PG	Peak Gradient (LN, 20247-3)	Finding Site: Right Ventricle Outflow Tract (SRT, T-32550) Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	mmHg	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		RVOT Vmax Vel	Blood velocity, peak (DCM, 122207)	Finding Site: Right Ventricle Outflow Tract (SRT, T-32550) Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	cm/s	X

9.3.19 Ascending Aorta

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Ascending Aorta	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Ascending Aorta (SRT, T-42100)		
		Asc AoD D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		Asc AoD D	Diameter (SRT, M-02550)		mm	X
		Asc Ao Vmax PG	Peak Gradient (LN, 20247-3)		mmHg	X
		Asc Ao Vmax Vel	Blood velocity, peak (DCM, 122207)		cm/s	X

9.3.20 Descending Aorta

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Descending Aorta	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Descending Aorta (SRT, T-D0765)		
		Desc AoD D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		Desc AoD D	Diameter (SRT, M-02550)		mm	X
		Desc Ao Vmax PG	Peak Gradient (LN, 20247-3)	Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	mmHg	X
		Desc Ao Vmax Vel	Blood velocity, peak (DCM, 122207)	Measurement Method (SRT, G-C036): Point Velocity Method (99SIEMENS, PtVelocityMethod)	cm/s	X

9.3.21 Pulmonary Artery

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Pulmonary Artery	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Pulmonary Artery (SRT, T-44000)		
		PA D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	X
		PA D	Diameter (SRT, M-02550)		mm	X
		PA Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		PA PG	Peak Gradient (LN, 20247-3)		mmHg	X

9.3.22 Inferior Vena Cava

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Inferior Vena Cava	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Inferior Vena Cava (SRT, T-48710)		
		IVC PLI V1	Velocity 1 of Velocity Ratio (99SIEMENS, VelRatioVel1)		cm/s	X
		IVC PLI V2	Velocity 2 of Velocity Ratio (99SIEMENS, VelRatioVel2)		cm/s	X
		IVC PLI V1/V2	Velocity ratio (LN, 33867-3)			X

9.3.23 Mitral Valve

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Mitral Valve	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Mitral Valve (SRT, T-35300)		
		LV C-O dur T	Closure to Opening Time (LN, 59082-8)		ms	X

9.3.24 Tricuspid Valve

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Tricuspid Valve	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Tricuspid Valve (SRT, T-35100)		
		RV C-O dur T	Closure to Opening Time (LN, 59082-8)		ms	X

9.3.25 Ductus arteriosus

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Ductus arteriosus	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Ductus arteriosus (SRT, T-F6845)		
		DA Vmax Vel	Blood velocity, peak (DCM, 122207)		cm/s	X
		DA Vmax PG	Pressure Gradient (SRT, F-023F7)		mmHg	X

9.4 Appendix D: Adult Echocardiography Structured Report

This appendix lists the DICOM Structured Report (SR) mappings used in the Echocardiography Structured Reports of Juniper DICOM SR files.

The mappings are organized in a manner similar to the DICOM SR Templates as described in PS 3.16-2011 of the DICOM Standard. The “Label” column identifies the on-screen label associated with a measurement and consists of the “Grouping Heading: Measurement Label”. All private code values use the Coding Scheme Designator “99SIEMENS” or “99SIEMENSUS”.

Measurements from private measurement packages are identified by the concept modifier:

HAS CONCEPT MOD (MeasPackage, 99SIEMENSUS, “Measurement Package Membership”)

The Adult Echocardiography Report mappings follow the DICOM SR Template TID 5200: Echocardiography Procedure Report, except where noted.

9.4.1 Notation

N/A

9.4.2 Patient Characteristics

Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units
Patient Characteristics	Container : Patient Characteristics (DCM, 121118)		
Age	Subject Age (DCM, 121033)		year
BP	Systolic Blood Pressure (SRT, F-008EC)		mmHg
BP	Diastolic Blood Pressure (SRT, F-008ED)		mmHg
BSA	Body Surface Area (LN, 8277-6)	[Based on BSA (DuBois) = 0.007184*WT ^{0.425} *HT ^{0.725}]	m ²

9.4.3 Aorta

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Aorta	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Aorta (SRT, T-42000)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		AOd D	Aortic Root Diameter (LN, 18015-8)	Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mm	
		AOd D	Aortic Root Diameter (LN, 18015-8)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mm	
		AOs D	Aortic Root Diameter (LN, 18015-8)	Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		AOs D	Aortic Root Diameter (LN, 18015-8)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		Ao Arch VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		Ao Arch VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		Ao Arch VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		Ao Arch VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Suprasternal long axis view of aortic arch (SRT, G-057D) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		Ao Arch VTI Vmax	Blood velocity, peak (DCM, 122207)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Suprasternal long axis view of aortic arch (SRT, G-057D) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		Ao Arch VTI Vmean	Blood velocity, mean (DCM, 122205)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Suprasternal long axis view of aortic arch (SRT, G-057D) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		Ao Arch VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Suprasternal long axis view of aortic arch (SRT, G-057D) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		Ao Arch Vmax Vel	Peak Systolic Velocity (LN, 11726-7)	Finding Site: Aortic Arch (SRT, T-42300)	m/s	
		Ao Arch Vmean Vmean	Mean Velocity (LN, 20352-1)	Finding Site: Aortic Arch (SRT, T-42300)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Ao Arch PGmax Aortic Valve	Peak Gradient (LN, 20247-3)	Finding Site: Aortic Arch (SRT, T-42300)	mmHg	
		Ao Arch PGmean PGmean	Mean Gradient (LN, 20256-4)	Finding Site: Aortic Arch (SRT, T-42300)	mmHg	

9.4.4 Aortic Valve

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Aortic Valve	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Aortic Valve (SRT, T-35400)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		LV ET T	Aortic Valve Ejection Time (LN, 18041-4)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	ms	
		AR Decel Time DT	Deceleration Time (LN, 20217-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367)	ms	
		AR Decel Time T	Aortic Regurgitation Duration (99SIEMENSUS, CA_AR_DUR)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		AR Decel Time Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		AR Decel Time Accel	Acceleration Rate (99SIEMENS, AccRate)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s ²	
		AR V ed Vel	End Diastolic Velocity (LN, 11653-3)		m/s	
		AR Decel Rate DS	Deceleration Slope (LN, 20216-8)		m/s ²	
		AR Decel Slope DS	Deceleration Slope (LN, 20216-8)	Measurement Method (SRT, G-C036): Area by Pressure Half-Time (DCM, 125210)	m/s ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		AR PHT PHT	Pressure Half-Time (LN, 20280-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Area by Pressure Half-Time (DCM, 125210) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		AR PHT Vmax	Blood velocity, peak (DCM, 122207)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		AR Radius D	Dome Radius (99SIEMENSUS, CA_DOME)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mm	
		AR Aliasing Vel Aliasing Vel	Aliasing Velocity (99SIEMENS, AliasingVel)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Derivation (DCM, 121401): Estimated (DCM, 121427)	cm/s	X
		AR VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		AR VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		AR VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		AR VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)		
		AR VTI Vmax	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		AR VTI Vmean	Mean Velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		AR VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		AR Flow Rate PISA(AR)	Peak Instantaneous Flow Rate (LN, 34141-2)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mL/s	
		AR EO Area PISA(AR)	Effective Regurgitant Orifice Area (99SIEMENS, EOArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mm ²	
		AR Flow Vol PISA(AR)	Volume Flow (LN, 33878-0)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mL	
		AR PGmax PISA(AR)	Peak Gradient (LN, 20247-3)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mmHg	
		ACS D	Aortic Valve Cusp Separation (LN, 17996-0)		mm	
		ACS D	Aortic Valve Cusp Separation (LN, 17996-0)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		LV ET T	Aortic Valve Ejection Time (LN, 18041-4)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	ms	
		LV PEP T	Pre Ejection Period (LN, 18068-7)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		LV STI AV-LA	Aortic Valve Pre-ejection Period to Ejection Time (99SIEMENSUS, CA_AV_PEP2ET)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)		
		LV PEP T	Pre Ejection Period (LN, 18068-7)		ms	
		AV VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm	
		AV VTI Vmean	Time averaged mean velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical long axis (SRT, G-0395) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		AV VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		AV VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical long axis (SRT, G-0395) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		AV VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		AV VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		AV Vmax Vel	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical long axis (SRT, G-0395) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		AV Area D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Subcostal short axis view at aortic valve level (SRT, G-057E) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		AV Area D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Image View (DCM, 111031): Subcostal short axis view at aortic valve level (SRT, G-057E) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		AV Area C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Parasternal short axis at the aortic valve level (SRT, G-0398) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		AV Area A	Cardiovascular Orifice Area (SRT, G-038E)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Planimetry (DCM, 125220)	cm ²	
		AV Area D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Parasternal short axis at the aortic valve level (SRT, G-0398) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		LV ET T	Aortic Valve Ejection Time (LN, 18041-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	
		AR VTI VTI	Velocity Time Integral (LN, 20354-7)		cm	
		AR Vmax Vel	Maximum Velocity (LN, 20351-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		AV Accel Time Accel	Acceleration Rate (99SIEMENS, AccRate)		m/s ²	
		AV Accel Time T	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	
		AV Accel Time Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm/s	
		HR T	Time (99SIEMENS, Time)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	bpm	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	bpm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		AV PGmax Aortic Valve	Peak Gradient (LN, 20247-3)		mmHg	
		AVA (VTI) Aortic Valve	Cardiovascular Orifice Area (SRT, G-038E)	Measurement Method (SRT, G-C036): Continuity Equation by Velocity Time Integral (DCM, 125215)	cm ²	
		AVA (Vmax) Aortic Valve	Cardiovascular Orifice Area (SRT, G-038E)	Measurement Method (SRT, G-C036): Continuity Equation by Peak Velocity (DCM, 125214)	cm ²	
		AR PGmax AR	Peak Gradient (LN, 20247-3)		mmHg	
		LV STI Aortic Valve	Aortic Valve Pre-ejection Period to Ejection Time (99SIEMENSUS, CA_AV_PEP2ET)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		
		LVOT/AV VTI Aortic Valve	Left Ventricle Outflow Tract VTI to Aortic Valve VTI Ratio (99SIEMENSUS, CA_LVOT2AV_VTI)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		
		Qp/Qs Aortic Valve	Pulmonary minus Systemic Shunt Flow (99SIEMENSUS, CA_CS_PF-SF)			
		Qp-Qs Aortic Valve	Pulmonary-to-Systemic Shunt Flow Ratio (LN, 29462-9)		L/min	
		LV ET T	Aortic Valve Ejection Time (LN, 18041-4)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	ms	
		LV ET T	Aortic Valve Ejection Time (LN, 18041-4)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	ms	

9.4.5 Left Ventricle

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Left Ventricle	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Left Ventricle (SRT, T-32600)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		Diastole D2	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		Diastole D2	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		IVSd D	Interventricular Septum Diastolic Thickness (LN, 18154-5)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		IVSd D	Interventricular Septum Diastolic Thickness (LN, 18154-5)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)		
		LVIDd D	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		LVIDd D	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		LVPWd D	Left Ventricle Posterior Wall Diastolic Thickness (LN, 18152-9)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		LVPWd D	Left Ventricle Posterior Wall Diastolic Thickness (LN, 18152-9)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		Systole D2	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		Systole D2	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		IVSs D	Interventricular Septum Systolic Thickness (LN, 18158-6)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		IVSs D	Interventricular Septum Systolic Thickness (LN, 18158-6)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		LVIDs D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		LVIDs D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		LVPWs D	Left Ventricle Posterior Wall Systolic Thickness (LN, 18156-0)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)		
		LVPWs D	Left Ventricle Posterior Wall Systolic Thickness (LN, 18156-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	bpm	
		HR T	Time (99SIEMENS, Time)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	ms	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	bpm	
		EDV Teichholz	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		ESV Teichholz	Left Ventricular End Systolic Volume (LN, 18148-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		SV Teichholz	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		CO Teichholz	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	L/min	
		EF Teichholz	Left Ventricular Ejection Fraction (LN, 18043-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	%	
		FS Teichholz	Left Ventricular Fractional Shortening (LN, 18051-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	%	
		SI Teichholz	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL/m ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)		
		CI Teichholz	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	L/min/m ²	
		EDV Teichholz	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		ESV Teichholz	Left Ventricular End Systolic Volume (LN, 18148-7)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		SV Teichholz	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL	
		CO Teichholz	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	L/min	
		EF Teichholz	Left Ventricular Ejection Fraction (LN, 18043-0)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	%	
		FS Teichholz	Left Ventricular Fractional Shortening (LN, 18051-3)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	%	
		SI Teichholz	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mL/m ²	
		CI Teichholz	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	L/min/m ²	
		mVcf Teichholz	systolic index (99SIEMENSUS, CA_LV_VCF)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	circ/s	
		LV Mass Teichholz	Left Ventricle Mass (LN, 18087-7)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	g	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)		
		LV Mass-c Teichholz	Left Ventricle Mass corrected (99SIEMENSUS, CA_LV_MASSc)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	g	
		LV Mass-l Teichholz	Left Ventricle Mass (LN, 18087-7)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	g/m ²	
		RWT Teichholz	Left Ventricle Relative Wall Thickness (99SIEMENSUS, CA_LVRelWallThick)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		LV 4ch EDV V	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	
		LV 4ch ESV V	Left Ventricular End Systolic Volume (LN, 18148-7)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	
		LV 2ch EDV V	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	
		LV 2ch ESV V	Left Ventricular End Systolic Volume (LN, 18148-7)	Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	bpm	
		EDV (BP) Simpson BP	Left Ventricular End Diastolic Volume (LN, 18026-5)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	
		ESV (BP) Simpson BP	Left Ventricular End Systolic Volume (LN, 18148-7)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	
		SV Simpson BP	Stroke Volume (SRT, F-32120)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	
		CO Simpson BP	Cardiac Output (SRT, F-32100)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	L/min	
		EF (BP) Simpson BP	Left Ventricular Ejection Fraction (LN, 18043-0)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SI Simpson BP	Stroke Index (SRT, F-00078)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL/m ²	
		CI Simpson BP	Cardiac Index (SRT, F-32110)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	L/min/m ²	
		diffD (2ch) Simpson BP	LV difference (99SIEMENSUS, CA_LV_DIF)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	%	
		diffD (4ch) Simpson BP	LV difference (99SIEMENSUS, CA_LV_DIF)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	%	
		diffS (2ch) Simpson BP	LV difference (99SIEMENSUS, CA_LV_DIF)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207) Cardiac Cycle Point (SRT, R-4089A): End Systole (DCM, 109070)	%	
		diffS (4ch) Simpson BP	LV difference (99SIEMENSUS, CA_LV_DIF)	Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207) Cardiac Cycle Point (SRT, R-4089A): End Systole (DCM, 109070)	%	
		SV4 Simpson BP	Stroke Volume (SRT, F-32120)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	
		CO4 Simpson BP	Cardiac Output (SRT, F-32100)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	L/min	
		EF4 Simpson BP	Left Ventricular Ejection Fraction (LN, 18043-0)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	%	
		SI4 Simpson BP	Stroke Index (SRT, F-00078)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL/m ²	
		CI4 Simpson BP	Cardiac Index (SRT, F-32110)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	L/min/m ²	
		SV2 Simpson BP	Stroke Volume (SRT, F-32120)	Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		CO2 Simpson BP	Cardiac Output (SRT, F-32100)	Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	L/min	
		EF2 Simpson BP	Left Ventricular Ejection Fraction (LN, 18043-0)	Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	%	
		SI2 Simpson BP	Stroke Index (SRT, F-00078)	Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL/m ²	
		CI2 Simpson BP	Cardiac Index (SRT, F-32110)	Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	L/min/m ²	
		EDV V	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	mL	
		ESV V	Left Ventricular End Systolic Volume (LN, 18148-7)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	mL	
		HR HR	Heart Rate (LN, 8867-4)	Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	bpm	
		SV Simpson SP	Stroke Volume (SRT, F-32120)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	mL	
		CO Simpson SP	Cardiac Output (SRT, F-32100)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	L/min	
		EF Simpson SP	Left Ventricular Ejection Fraction (LN, 18043-0)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	%	
		SI Simpson SP	Stroke Index (SRT, F-00078)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	mL/m ²	
		CI Simpson SP	Cardiac Index (SRT, F-32110)	Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C)	L/min/m ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)		
		LVLd apical D	Left Ventricle diastolic major axis (LN, 18077-8)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		LVAd sxMV D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		LVAd sxMV D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		LVAd sxMV C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		LVAd sxMV A	Left Ventricular Diastolic Area (SRT, G-0375)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm ²	
		LVAd sxMV D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		LVAd sxPM D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		LVAd sxPM D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		LVAd sxPM C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		LVAd sxPM A	Left Ventricular Diastolic Area (SRT, G-0375)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm ²	
		LVAd sxPM D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		LVLs apical D	Left Ventricle systolic major axis (LN, 18076-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		LVA s sxMV D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		LVA _s sxMV D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		LVA _s sxMV C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		LVA _s sxMV A	Left Ventricular Systolic Area (SRT, G-0374)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm ²	
		LVA _s sxMV D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		LVA _s sxPM D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		LVA _s sxPM D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		LVA _s sxPM C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		LVA _s sxPM A	Left Ventricular Systolic Area (SRT, G-0374)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm ²	
		LVA _s sxPM D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	bpm	
		EDV Mod. Simpson	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL	
		ESV Mod. Simpson	Left Ventricular End Systolic Volume (LN, 18148-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL	
		SV Mod. Simpson	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL	
		CO Mod. Simpson	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	L/min	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		EF Mod. Simpson	Left Ventricular Ejection Fraction (LN, 18043-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	%	
		SI Mod. Simpson	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL/m ²	
		CI Mod. Simpson	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	L/min/m ²	
		A Sax Endo C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		A Sax Endo A	Left Ventricular Diastolic Area (SRT, G-0375)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Area Length (DCM, 125270) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm ²	
		A Sax Endo D	Distance (DCM, 121206)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		A Sax Endo D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Area Length (DCM, 125270)	cm	
		A Sax Endo D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Area Length (DCM, 125270)	cm	
		A Sax Epi C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		A Sax Epi A	Left Ventricle Epicardial Diastolic Area, psax pap view (SRT, G-0379)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Area Length (DCM, 125270)	cm ²	
		A Sax Epi D	Distance (DCM, 121206)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Area Length (DCM, 125270)	cm	
		A Sax Epi D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Area Length (DCM, 125270) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		A Sax Epi D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Area Length (DCM, 125270) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		LVL D	Left Ventricle diastolic major axis (LN, 18077-8)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		t LV Mass A-L	Myocard. thickn. calc. from short axis epicard. & cavity areas (99SIEMENSUS, CA LV MyoTh)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		LV Mass LV Mass A-L	Left Ventricle Mass (LN, 18087-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Area Length (99SIEMENSUS, LVMassAL)	g	
		LV Mass-I LV Mass A-L	Left Ventricle Mass (LN, 18087-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Area Length (99SIEMENSUS, LVMassAL)	g/m ²	
		A Sax Endo C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		A Sax Endo A	Left Ventricular Diastolic Area (SRT, G-0375)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm ²	
		A Sax Endo D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		A Sax Endo D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222)		
		A Sax Endo D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222)	cm	
		A Sax Epi C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		A Sax Epi A	Left Ventricle Epicardial Diastolic Area, psax pap view (SRT, G-0379)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222)	cm ²	
		A Sax Epi D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		A Sax Epi D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		A Sax Epi D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		a D	Left Ventricle Semi-major Axis Diastolic Dimension (SRT, G-0377)	Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222)	mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		d D	Left Ventricle Truncated Semi-major Axis Diastolic Dimension (SRT, G-0378)	Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222)	mm	
		t LV Mass T-E	Myocard. thickn. calc. from short axis epicard. & cavity areas (99SIEMENSUS, CA_LV_MyoTh)	Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222)	mm	
		b LV Mass T-E	Short axis radius calculated from short axis cavity area (99SIEMENSUS, CA_LV_RadSAX)	Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222)	mm	
		LV Mass LV Mass T-E	Left Ventricle Mass (LN, 18087-7)	Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222)	g	
		LV Mass-I LV Mass T-E	Left Ventricle Mass (LN, 18087-7)	Measurement Method (SRT, G-C036): Left Ventricle Mass by Truncated Ellipse (DCM, 125222)	g/m ²	
		Systemic Diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Left Ventricle Outflow Tract (SNM3, T-32650)	mm	
		HR T	Time (99SIEMENSUS, Time)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	bpm	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	bpm	
		SVs Qp/Qs	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SNM3, T-32650) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	mL	
		COs Qp/Qs	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SNM3, T-32650) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	L/min	
		IVRT T	Left Ventricle Isovolumetric Relaxation Time (LN, 18071-1)		ms	
		IVCT T	Left Ventricular Isovolumic Contraction Time (SRT, G-037E)		ms	
		LV MPI Mitral Valve	Left Ventricular Index of Myocardial Performance (SRT, G-037F)			
		SV Mitral Valve	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mL	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Finding Site: Left Ventricle Outflow Tract (SNM3, T-32650) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)		
		CO Mitral Valve	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SNM3, T-32650) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	L/min	
		MAPSE D	Mitral Annular Plane Systolic Excursion (99SIEMENSUS, CA_MAPSE)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		LVOT Diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Finding Site: Left Ventricle Outflow Tract (SNM3, T-32650) Measurement Method (SRT, G-C036): Measurement Method Mitral Valve (99SIEMENSUS, MethodMmtMV)	mm	
		IVRT T	Left Ventricle Isovolumetric Relaxation Time (LN, 18071-1)		ms	
		VSD Vmax Vel	Peak Systolic Velocity (LN, 11726-7)	Finding Site: Ventricular Septal Defect (SRT, D4-31150)	m/s	
		SV Aortic Valve	Stroke Volume (SRT, F-32120)	Finding Site: Left Ventricle Outflow Tract (SNM3, T-32650) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	mL	
		CO Aortic Valve	Cardiac Output (SRT, F-32100)	Finding Site: Left Ventricle Outflow Tract (SNM3, T-32650) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	L/min	
		SI Aortic Valve	Stroke Index (SRT, F-00078)	Finding Site: Left Ventricle Outflow Tract (SNM3, T-32650) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	mL/m ²	
		CI Aortic Valve	Cardiac Index (SRT, F-32110)	Finding Site: Left Ventricle Outflow Tract (SNM3, T-32650) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	L/min/m ²	
		VSD PGmax Aortic Valve	Peak Gradient (LN, 20247-3)	Finding Site: Ventricular Septal Defect (SRT, D4-31150)	mmHg	
		Med E' Vel Vel	Left Ventricular Peak Early Diastolic Tissue Velocity (SRT, G-037A)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391)	m/s	
		Med E' Vel PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Finding Site: Medial Mitral Annulus (SRT, G-0391) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)		
		Med A' Vel Vel	LV Peak Diastolic Tissue Velocity During Atrial Systole (SRT, G-037C)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391)	m/s	
		Med A' Vel PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Finding Site: Medial Mitral Annulus (SRT, G-0391) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		Med S' Vel Vel	Left Ventricular Peak Systolic Tissue Velocity (SRT, G-037D)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391)	m/s	
		Med S' Vel PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Finding Site: Medial Mitral Annulus (SRT, G-0391) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		Med Accel Time Accel	Acceleration Rate (99SIEMENS, AccRate)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Finding Site: Medial Mitral Annulus (SRT, G-0391) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s ²	
		Med Accel Time T	Mitral Valve DTI acceleration time of Ea (99SIEMENSUS, CA_MV_ATa)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391)	ms	
		Med Accel Time Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		Med Accel Rate Accel	Mitral Valve DTI acceleration rate of Ea (99SIEMENSUS, CA_MV_ARa)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391)	m/s ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Med Accel Rate T	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		Med Accel Rate Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		Med Decel Time Accel	Acceleration Rate (99SIEMENS, AccRate)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s ²	
		Med Decel Time T	Mitral Valve DTI deceleration time of Ea (99SIEMENSUS, CA_MV_DTa)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391)	ms	
		Med Decel Time Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		Med Decel Rate Accel	Mitral Valve DTI deceleration rate of Ea (99SIEMENSUS, CA_MV_DRa)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391)	m/s ²	
		Med Decel Rate DT	Deceleration Time (LN, 20217-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		Med Decel Rate Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Medial Mitral Annulus (SRT, G-0391) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		Lat E' Vel Vel	Left Ventricular Peak Early Diastolic Tissue Velocity (SRT, G-037A)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Lat E' Vel PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	
		Lat A' Vel Vel	LV Peak Diastolic Tissue Velocity During Atrial Systole (SRT, G-037C)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392)	m/s	
		Lat A' Vel PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		Lat S' Vel Vel	Left Ventricular Peak Systolic Tissue Velocity (SRT, G-037D)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392)	m/s	
		Lat S' Vel PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Atrial Systole (SRT, F-32030)	mmHg	
		Lat Accel Time Accel	Acceleration Rate (99SIEMENS, AccRate)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s ²	
		Lat Accel Time T	Mitral Valve DTI acceleration time of Ea (99SIEMENSUS, CA_MV_ATa)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392)	ms	
		Lat Accel Time Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		Lat Accel Rate Accel	Mitral Valve DTI acceleration rate of Ea (99SIEMENSUS, CA_MV_ARa)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392)	m/s ²	
		Lat Accel Rate T	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		Lat Accel Rate Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Lat Decel Time Accel	Acceleration Rate (99SIEMENS, AccRate)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s ²	
		Lat Decel Time DT	Mitral Valve DTI deceleration time of Ea (99SIEMENSUS, CA_MV_DTa)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392)	ms	
		Lat Decel Time Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		Lat Decel Rate Accel	Mitral Valve DTI deceleration rate of Ea (99SIEMENSUS, CA_MV_DRa)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392)	m/s ²	
		Lat Decel Rate DT	Deceleration Time (LN, 20217-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		Lat Decel Rate Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Lateral Mitral Annulus (SRT, G-0392) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		E'/A' (Med) DTI	Mitral Valve DTI Ea to Aa Ratio (99SIEMENSUS, CA_MV_Ea2Aa)	Finding Site: Medial Mitral Annulus (SRT, G-0391)		
		E'/A' (Lat) DTI	Mitral Valve DTI Ea to Aa Ratio (99SIEMENSUS, CA_MV_Ea2Aa)	Finding Site: Lateral Mitral Annulus (SRT, G-0392)		
		E/E' (Med) DTI	Ratio of MV Peak Velocity to LV Peak Tissue Velocity E-Wave (SRT, G-037B)	Finding Site: Medial Mitral Annulus (SRT, G-0391)		
		E/E' (Lat) DTI	Ratio of MV Peak Velocity to LV Peak Tissue Velocity E-Wave (SRT, G-037B)	Finding Site: Lateral Mitral Annulus (SRT, G-0392)		
		LVLd apical D	Left Ventricle diastolic major axis (LN, 18077-8)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	mm	
		LVAd apical D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		LVAd apical D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		LVAd apical C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	cm	
		LVAd apical A	Left Ventricular Diastolic Area (SRT, G-0375)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	cm ²	
		LVAd apical D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	mm	
		LVLs apical D	Left Ventricle systolic major axis (LN, 18076-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	cm	
		LVAs apical D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		LVAs apical D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		LVAs apical C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		LVAs apical A	Left Ventricular Systolic Area (SRT, G-0374)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)		
		LVA's apical D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	bpm	
		EDV Single Plane	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	mL	
		ESV Single Plane	Left Ventricular End Systolic Volume (LN, 18148-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	mL	
		SV Single Plane	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	mL	
		CO Single Plane	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	L/min	
		EF Single Plane	Left Ventricular Ejection Fraction (LN, 18043-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	%	
		SI Single Plane	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	mL/m ²	
		CI Single Plane	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Single Plane (DCM, 125205)	L/min/m ²	
		LVA'd apical D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVA'd apical D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		LVAd apical C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAd apical A	Left Ventricular Diastolic Area (SRT, G-0375)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204)	cm²	
		LVAd apical D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAd sxMV D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAd sxMV D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAd sxMV C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAd sxMV A	Left Ventricular Diastolic Area (SRT, G-0375)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204)	cm²	
		LVAd sxMV D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVIDd D	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204)	mm	
		LVAs apical D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAs apical D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAs apical C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAs apical A	Left Ventricular Systolic Area (SRT, G-0374)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204)	cm²	
		LVAs apical D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAs sxMV D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAs sxMV D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAs sxMV C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	
		LVAs sxMV A	Left Ventricular Systolic Area (SRT, G-0374)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Area- Length Biplane (DCM, 125204)		
		LVA _s sxMV D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2)	cm	
		LVID _s D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2) Measurement Method (SRT, G-C036): Area- Length Biplane (DCM, 125204)	mm	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2) Measurement Method (SRT, G-C036): Area- Length Biplane (DCM, 125204)	bpm	
		EDV Bi-Plane	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2) Measurement Method (SRT, G-C036): Area- Length Biplane (DCM, 125204)	mL	
		ESV Bi-Plane	Left Ventricular End Systolic Volume (LN, 18148-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2) Measurement Method (SRT, G-C036): Area- Length Biplane (DCM, 125204)	mL	
		SV Bi-Plane	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2) Measurement Method (SRT, G-C036): Area- Length Biplane (DCM, 125204)	mL	
		CO Bi-Plane	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2) Measurement Method (SRT, G-C036): Area- Length Biplane (DCM, 125204)	L/min	
		EF Bi-Plane	Left Ventricular Ejection Fraction (LN, 18043-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2) Measurement Method (SRT, G-C036): Area- Length Biplane (DCM, 125204)	%	
		SI Bi-Plane	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2) Measurement Method (SRT, G-C036): Area- Length Biplane (DCM, 125204)	mL/m ²	
		CI Bi-Plane	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2) Measurement Method (SRT, G-C036): Area- Length Biplane (DCM, 125204)	L/min/m ²	
		LVLd apical D	Left Ventricle diastolic major axis (LN, 18077-8)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2)	mm	
		LVA _d sxMV D1	D1 of Left Ventricle Epicardial Diastolic Area, psax MV view (99SIEMENS, d1ltveepdimv)	Image Mode (SRT, G-0373): 2D mode (SRT, G- 03A2)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)		
		LVAd sxMV D2	D2 of Left Ventricle Epicardial Diastolic Area, psax MV view (99SIEMENS, d2ltveepdimv)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		LVAd sxMV C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		LVAd sxMV A	Left Ventricle Epicardial Diastolic Area, psax MV view (99SIEMENS, ltveepdiarpsmv)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm ²	
		LVAd sxMV D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	cm	
		LVLs apical D	Left Ventricle systolic major axis (LN, 18076-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		LVAs sxMV D1	D1 of Left Ventricle Epicardial Systolic Area, psax MV view (99SIEMENS, d1ltveepsysm)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		LVAs sxMV D2	D2 of Left Ventricle Epicardial Systolic Area, psax MV view (99SIEMENS, d2ltveepsysm)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		LVAs sxMV C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		LVAs sxMV A	Left Ventricular Systolic Area (SRT, G-0374)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm ²	
		LVAs sxMV D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	bpm	
		EDV Bullet	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL	
		ESV Bullet	Left Ventricular End Systolic Volume (LN, 18148-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		SV Bullet	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL	
		CO Bullet	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	L/min	
		EF Bullet	Left Ventricular Ejection Fraction (LN, 18043-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	%	
		SI Bullet	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL/m ²	
		CI Bullet	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	L/min/m ²	
		IVSd D	Interventricular Septum Diastolic Thickness (LN, 18154-5)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		IVSd D	Interventricular Septum Diastolic Thickness (LN, 18154-5)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		LVIDd D	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		LVIDd D	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		LVPWd D	Left Ventricle Posterior Wall Diastolic Thickness (LN, 18152-9)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		LVPWd D	Left Ventricle Posterior Wall Diastolic Thickness (LN, 18152-9)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		IVSs D	Interventricular Septum Systolic Thickness (LN, 18158-6)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		IVSs D	Interventricular Septum Systolic Thickness (LN, 18158-6)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		LVIDs D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)		
		LVIDs D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		LVPWs D	Left Ventricle Posterior Wall Systolic Thickness (LN, 18156-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		LVPWs D	Left Ventricle Posterior Wall Systolic Thickness (LN, 18156-0)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	bpm	
		HR T	Time (99SIEMENS, Time)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	ms	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	bpm	
		EDV Cubed	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		ESV Cubed	Left Ventricular End Systolic Volume (LN, 18148-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		SV Cubed	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		CO Cubed	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	L/min	
		EF Cubed	Left Ventricular Ejection Fraction (LN, 18043-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)		
		FS Cubed	Left Ventricular Fractional Shortening (LN, 18051-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	%	
		SI Cubed	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL/m ²	
		CI Cubed	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	L/min/m ²	
		EDV Cubed	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		ESV Cubed	Left Ventricular End Systolic Volume (LN, 18148-7)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		SV Cubed	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL	
		CO Cubed	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	L/min	
		EF Cubed	Left Ventricular Ejection Fraction (LN, 18043-0)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	%	
		FS Cubed	Left Ventricular Fractional Shortening (LN, 18051-3)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	%	
		SI Cubed	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mL/m ²	
		CI Cubed	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	L/min/m ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)		
		mVcf Cubed	systolic index (99SIEMENSUS, CA_LV_VCF)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	circ/s	
		LV Mass Cubed	Left Ventricle Mass (LN, 18087-7)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	g	
		LV Mass-c Cubed	Left Ventricle Mass corrected (99SIEMENSUS, CA_LV_MASSc)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	g	
		LV Mass-l Cubed	Left Ventricle Mass (LN, 18087-7)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	g/m ²	
		RWT Cubed	Left Ventricle Relative Wall Thickness (99SIEMENSUS, CA_LVRelWallThick)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		IVSd D	Interventricular Septum Diastolic Thickness (LN, 18154-5)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		IVSd D	Interventricular Septum Diastolic Thickness (LN, 18154-5)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		LVIDd D	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		LVIDd D	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		LVPWd D	Left Ventricle Posterior Wall Diastolic Thickness (LN, 18152-9)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		LVPWd D	Left Ventricle Posterior Wall Diastolic Thickness (LN, 18152-9)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		IVSs D	Interventricular Septum Systolic Thickness (LN, 18158-6)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		IVSs D	Interventricular Septum Systolic Thickness (LN, 18158-6)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		LVIDs D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		LVIDs D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		LVPWs D	Left Ventricle Posterior Wall Systolic Thickness (LN, 18156-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		LVPWs D	Left Ventricle Posterior Wall Systolic Thickness (LN, 18156-0)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	bpm	
		HR T	Time (99SIEMENS, Time)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	ms	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	bpm	
		EDV Gibson	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL	
		ESV Gibson	Left Ventricular End Systolic Volume (LN, 18148-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL	
		SV Gibson	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL	
		CO Gibson	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	L/min	
		EF Gibson	Left Ventricular Ejection Fraction (LN, 18043-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	%	
		FS Gibson	Left Ventricular Fractional Shortening (LN, 18051-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	%	
		SI Gibson	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mL/m ²	
		CI Gibson	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	L/min/m ²	
		EDV Gibson	Left Ventricular End Diastolic Volume (LN, 18026-5)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mL	
		ESV Gibson	Left Ventricular End Systolic Volume (LN, 18148-7)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mL	
		SV Gibson	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mL	
		CO Gibson	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	L/min	
		EF Gibson	Left Ventricular Ejection Fraction (LN, 18043-0)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	%	
		FS Gibson	Left Ventricular Fractional Shortening (LN, 18051-3)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	%	
		SI Gibson	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mL/m ²	
		CI Gibson	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	L/min/m ²	
		mVcf Gibson	systolic index (99SIEMENSUS, CA_LV_VCF)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	circ/s	
		LV Mass Gibson	Left Ventricle Mass (LN, 18087-7)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	g	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Left Ventricle Mass corrected by M-Mode (99SIEMENSUS, MethodMassASEcor)		
		LV Mass-c Gibson	Left Ventricle Mass corrected (99SIEMENSUS, CA_LV_MASSc)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Left Ventricle Mass corrected by M-Mode (99SIEMENSUS, MethodMassASEcor)	g	
		LV Mass-l Gibson	Left Ventricle Mass (LN, 18087-7)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	g/m ²	
		RWT Gibson	Left Ventricle Relative Wall Thickness (99SIEMENSUS, CA_LVRelWallThick)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		LVIDd D	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	mm	
		LVIDd D	Left Ventricle Internal End Diastolic Dimension (LN, 29436-3)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	mm	
		LVIDs D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	mm	
		LVIDs D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	mm	
		LV ET T	Time (99SIEMENS, Time)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): Ventricular Ejection (SRT, R-40B11)	ms	
		HR T	Time (99SIEMENS, Time)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	ms	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	bpm	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	bpm	
		mVcfc mVcfc	Mean Velocity of Circumferential Fiber Shortening (99SIEMENS, MVCFC)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	circ/s	
		mVcfc mVcfc	Mean Velocity of Circumferential Fiber Shortening (99SIEMENS, MVCFC)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	circ/s	
		LVIDs D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)		
		LVIDs D	Left Ventricle Internal Systolic Dimension (LN, 29438-9)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	mm	
		LVPWs D	Left ventricle Posterior Wall Thickness (99SIEMENS, LVPostWallThic)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	mm	
		LVPWs D	Left ventricle Posterior Wall Thickness (99SIEMENS, LVPostWallThic)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	mm	
		ESWS ESWS	End Systolic Wall Stress (99SIEMENS, ESWS)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	g/cm ²	
		ESWS ESWS	End Systolic Wall Stress (99SIEMENS, ESWS)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	g/cm ²	

9.4.6 Left Atrium

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Left Atrium	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Left Atrium (SRT, T-32300)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		A1-A4C D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204)	cm	
		A1-A4C D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204)	cm	
		A1-A4C C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		A1-A4C A	Left Atrium Systolic Area (LN, 17977-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		A1-A4C D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		A2-A2C D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		A2-A2C D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204)	cm	
		A2-A2C C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		A2-A2C A	Left Atrium Systolic Area (LN, 17977-0)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm ²	
		A2-A2C D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		L D	Left Atrium Antero-posterior Systolic Dimension (LN, 29469-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		LA Vol (A-L) LA Vol(A-L)	Left Atrial ES Volume (DCM, 122408)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204)	mL	
		LA Vol-I (A-L) LA Vol(A-L)	Left Atrial ES Volume (DCM, 122408)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204)	mL/m ²	
		LA 4ch EDV V	Left Atrial ED Volume (DCM, 122407)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	mL	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		LA 4ch ESV V	Left Atrial ES Volume (DCM, 122408)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	mL	
		LA 2ch EDV V	Left Atrial ED Volume (DCM, 122407)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	mL	
		LA 2ch ESV V	Left Atrial ES Volume (DCM, 122408)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	mL	
		LA Vol-I LA Vol(Simp)	Left Atrial ES Volume (DCM, 122408)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL/m ²	
		LA EDV (BP) Simpson BP	Left Atrial ED Volume (DCM, 122407)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	
		LA ESV (BP) Simpson BP	Left Atrial ES Volume (DCM, 122408)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL	
		LA EF (BP) Simpson BP	Left Atrium Ejection Fraction (99SIEMENSUS, CA_LA_EF)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	%	
		LA EF4 Simpson BP	Left Atrium Ejection Fraction (99SIEMENSUS, CA_LA_EF)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)	%	
		LA EF2 Simpson BP	Left Atrium Ejection Fraction (99SIEMENSUS, CA_LA_EF)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B)	%	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Method of Disks, Single Plane (DCM, 125208)		
		LA diffD(2ch) Simpson BP	LA difference (99SIEMENSUS, CA_LA_DIF)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	%	
		LA diffS(2ch) Simpson BP	LA difference (99SIEMENSUS, CA_LA_DIF)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207) Cardiac Cycle Point (SRT, R-4089A): End Systole (DCM, 109070)	%	
		LA diffD(4ch) Simpson BP	LA difference (99SIEMENSUS, CA_LA_DIF)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207) Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	%	
		LA diffS(4ch) Simpson BP	LA difference (99SIEMENSUS, CA_LA_DIF)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207) Cardiac Cycle Point (SRT, R-4089A): End Systole (DCM, 109070)	%	
		LAd Diam D	Diameter (SRT, M-02550)	Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mm	
		LAd Diam D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mm	
		LAs Diam D	Diameter (SRT, M-02550)	Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		LAs Diam D	Diameter (SRT, M-02550)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		AOd/LAs AV-LA	Aortic Root Diameter (Dia) to Left Atrium Diameter (Sys) Ratio (99SIEMENSUS, CA_LA_AOd2LAs)			
		LAs/AOd AV-LA	Left Atrium Diameter (Sys) to Aortic Root Diameter (Dia) Ratio (99SIEMENSUS, CA_LA_LAs2AOd)			

9.4.7 Right Ventricle

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Right Ventricle	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Right Ventricle (SRT, T-32500)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		RVAWd D	Right Ventricular Anterior Wall Diastolic Thickness (LN, 18153-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		RVDd D	Right Ventricular Internal Diastolic Dimension (LN, 20304-2)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		RVDd D	Right Ventricular Internal Diastolic Dimension (LN, 20304-2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Teichholz (DCM, 125209)	mm	
		RVSP TR	Right Ventricular Peak Systolic Pressure (SRT, G-0380)		mmHg	
		Pulmonic Diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Right Ventricle Outflow Tract (SRT, T-32550)	mm	
		SVp Qp/Qs	Stroke Volume (SRT, F-32120)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Right Ventricle Outflow Tract (SNM3, T-32550) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	mL	
		COp Qp/Qs	Cardiac Output (SRT, F-32100)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Right Ventricle Outflow Tract (SNM3, T-32550) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	L/min	
		RV Diam D	Right Ventricular Internal Diastolic Dimension at AV/LA (99SIEMENSUS, CA_RV_INTD_AVLA)		mm	
		RV Diam D	Right Ventricular Internal Diastolic Dimension at AV/LA (99SIEMENSUS, CA_RV_INTD_AVLA)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		RV Diam D	Right Ventricular Internal Diastolic Dimension (LN, 20304-2)		mm	
		RV Diam D	Right Ventricular Internal Diastolic Dimension (LN, 20304-2)		mm	
		TAPSE D	Tricuspid Annular Plane Systolic Excursion (99SIEMENSUS, CA_TAPSE)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		PV Diam D	Cardiovascular Orifice Diameter (SRT, G-038F)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Finding Site: Right Ventricle Outflow Tract (SNM3, T-32550)	mm	
		RV Accel Time T	Acceleration Time (LN, 20168-1)		ms	
		SV Pulmonary Valve	Stroke Volume (SRT, F-32120)	Finding Site: Right Ventricle Outflow Tract (SNM3, T-32550) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	mL	
		CO Pulmonary Valve	Cardiac Output (SRT, F-32100)	Finding Site: Right Ventricle Outflow Tract (SNM3, T-32550) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	L/min	
		SI Pulmonary Valve	Stroke Index (SRT, F-00078)	Finding Site: Right Ventricle Outflow Tract (SNM3, T-32550) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	mL/m ²	
		CI Pulmonary Valve	Cardiac Index (SRT, F-32110)	Finding Site: Right Ventricle Outflow Tract (SNM3, T-32550) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	L/min/m ²	
		RVAWd D	Right Ventricular Anterior Wall Diastolic Thickness (LN, 18153-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		RVDd D	Right Ventricular Internal Diastolic Dimension (LN, 20304-2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		RVDd D	Right Ventricular Internal Diastolic Dimension (LN, 20304-2)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394) Measurement Method (SRT, G-C036): Cube Method (DCM, 125206)	mm	
		RVAWd D	Right Ventricular Anterior Wall Diastolic Thickness (LN, 18153-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		RVDd D	Right Ventricular Internal Diastolic Dimension (LN, 20304-2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		RVDd D	Right Ventricular Internal Diastolic Dimension (LN, 20304-2)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		RV MPI Tricuspid Valve	Right Ventricular Index of Myocardial Performance (SRT, G-0381)			
		RV E' Vel Vel	Right Ventricular Peak Early Diastolic Tissue Velocity (99SIEMENS, RV_Ea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		RV E' Vel PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Tricuspid Annulus (SRT, T-35111) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		RV A' Vel Vel	RV Peak Diastolic Tissue Velocity During Atrial Systole (99SIEMENS, RV_Aa)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	m/s	
		RV A' Vel PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Tricuspid Annulus (SRT, T-35111) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		RV S' Vel Vel	Right Ventricular Peak Systolic Tissue Velocity (99SIEMENS, RV_Sa)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	m/s	
		RV S' Vel PG	Pressure Gradient (SRT, F-023F7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Tricuspid Annulus (SRT, T-35111) Cardiac Cycle Point (SRT, R-4089A): Atrial Systole (SRT, F-32030)	mmHg	

9.4.8 Mitral Valve

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Mitral Valve	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Mitral Valve (SRT, T-35300)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		MR Vmax Vel	Peak Systolic Velocity (LN, 11726-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		LV dP/dt dP/dt	Mitral Regurg. dP/dt derived from Mitral Regurg. velocity (LN, 18035-6)		mmHg/s	
		LV dP/dt dt	Deceleration Time (LN, 20217-6)		ms	
		MR PGmax MR	Peak Gradient (LN, 20247-3)		mmHg	
		MR Radius D	Dome Radius (99SIEMENSUS, CA_DOME)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mm	
		MR Aliasing Vel Aliasing Vel	Aliasing Velocity (99SIEMENS, AliasingVel)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	cm/s	X

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Derivation (DCM, 121401): Estimated (DCM, 121427)		
		MR VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		MR VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		MR VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		MR VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		MR VTI Vmax	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		MR VTI Vmean	Time averaged mean velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		MR VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		MR PGmax PISA(MR)	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		MR Flow Rate PISA(MR)	Peak Instantaneous Flow Rate (LN, 34141-2)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mL/s	
		MR EO Area PISA(MR)	Cardiovascular Orifice Area (SRT, G-038E)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mm²	
		MR Flow Vol PISA(MR)	Volume Flow (LN, 33878-0)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mL	
		MS Radius D	Dome Radius (99SIEMENSUS, CA_DOME)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mm	
		MS Aliasing Vel Aliasing Vel	Aliasing Velocity (99SIEMENS, AliasingVel)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	cm/s	
		MS VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mmHg	
		MS VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		MS VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		MS VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	cm	
		MS VTI Vmax	Stenosis Peak Velocity (LN, 59107-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		MS VTI Vmean	Mean Velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	cm/s	
		MS VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mmHg	
		MS Vmax Vel	Maximum Velocity (LN, 20351-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	m/s	
		MS Flow Rate PISA(MVA)	Peak Instantaneous Flow Rate (LN, 34141-2)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mL/s	
		MS PGmax PR	Peak Gradient (LN, 20247-3)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mmHg	
		MS MVA PISA(MVA)	Cardiovascular Orifice Area (SRT, G-038E)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	cm ²	
		MS Flow Vol PISA(MVA)	Volume Flow (LN, 33878-0)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mL	
		MV Area D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		MV Area D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		MV Area C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)		
		MV Area A	Cardiovascular Orifice Area (SRT, G-038E)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Planimetry (DCM, 125220)	cm²	
		MV Area D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		MV Diam D	Cardiovascular Orifice Diameter (SRT, G-038F)		mm	
		DE Slope D	Distance of Slope (99SIEMENS, SlopeDistance)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): Early Diastole (SRT, R-40B1B)	mm	
		DE Slope T	Time of Slope (99SIEMENS, SlopeTime)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Cardiac Cycle Point (SRT, R-4089A): Early Diastole (SRT, R-40B1B)	ms	
		DE Slope S	D-E Slope (LN, 59127-1)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mm/s	
		EPSS D	Mitral Valve EPSS, E wave (LN, 18036-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	mm	
		EPSS D	Mitral Valve EPSS, E wave (LN, 18036-4)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		EF Slope D	Distance of Slope (99SIEMENS, SlopeDistance)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Image View (DCM, 111031): Parasternal long axis (SRT, G-0396) Cardiac Cycle Point (SRT, R-4089A): Early Diastole (SRT, R-40B1B)	mm	
		EF Slope T	Time of Slope (99SIEMENS, SlopeTime)	Image Mode (SRT, G-0373): M mode (SRT, G-0394) Image View (DCM, 111031): Parasternal long axis (SRT, G-0396) Cardiac Cycle Point (SRT, R-4089A): Early Diastole (SRT, R-40B1B)	ms	
		EF Slope S	Mitral Valve E-F Slope by M-Mode (LN, 18040-6)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mm/s	
		CA amp D	Amplitude A Wave MMode (99SIEMENSUS, CA_MV_AWaveAmpl)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		DE excursion D	D-E Excursion (LN, 59091-9)	Image Mode (SRT, G-0373): M mode (SRT, G-0394)	mm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		CE amp D	Amplitude E Wave MMode (99SIEMENSUS, CA_MV_EWaveAmpl)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	mm	
		MV E/A Vel PHT	Pressure Half-Time (LN, 20280-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		MV E/A Vel DT	Deceleration Time (LN, 20217-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		MV E/A Vel DS	Deceleration Slope (LN, 20216-8)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s ²	
		MV E/A Vel E pt	Mitral Valve E-Wave Peak Velocity (LN, 18037-2)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		MV E/A Vel A pt	Mitral Valve A-Wave Peak Velocity (LN, 17978-8)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		MV Peak E vel	Mitral Valve E-Wave Peak Velocity (LN, 18037-2)		m/s	
		MV Peak A vel	Mitral Valve A-Wave Peak Velocity (LN, 17978-8)		m/s	
		MV Decel Time Accel	Deceleration Slope (LN, 20216-8)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Early Diastole (SRT, R-40B1B)	m/s ²	
		MV Decel Time T	Deceleration Time (LN, 20217-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	
		MV Decel Time Vmax	Velocity 1 of Acceleration (99SIEMENSUS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Cardiac Cycle Point (SRT, R-4089A): Early Diastole (SRT, R-40B1B)		
		MV PHT PHT	Pressure Half-Time (LN, 20280-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	
		MV PHT Vmax	Mitral Valve E-Wave Peak Velocity (LN, 18037-2)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		MV VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	
		MV VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		MV VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		MV VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		MV VTI Vmean	Time averaged mean velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		MV VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		MV Vmax Vel	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		A Dur T	Mitral Valve A-Wave Duration (SRT, G-0385)		ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		E Dur T	Mitral Valve E-Wave Duration (99SIEMENSUS, CA_MV_DURE)		ms	
		LV ET T	Aortic Valve Ejection Time (LN, 18041-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	
		MV C-O Time T	Mitral Valve Closure to Opening Time (SRT, G-0387)		ms	
		MV Decel Slope DS	Deceleration Slope (LN, 20216-8)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	m/s ²	
		MV PGmax Mitral Valve	Mitral Valve Diastolic Peak Instantaneous Gradient (LN, 18057-0)		mmHg	
		SI Mitral Valve	Stroke Index (SRT, F-00078)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mL/m ²	
		CI Mitral Valve	Cardiac Index (SRT, F-32110)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Doppler Volume Flow (DCM, 125219)	L/min/m ²	
		E/A Mitral Valve	Mitral Valve E to A Ratio (LN, 18038-0)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		
		A/E Mitral Valve	Mitral Valve A to E Ratio (99SIEMENSUS, CA_MV_A2E)			
		MVA (PHT) Mitral Valve	Cardiovascular Orifice Area (SRT, G-038E)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Area by Pressure Half-Time (DCM, 125210)	cm ²	
		MVA (VTI) Mitral Valve	Cardiovascular Orifice Area (SRT, G-038E)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Continuity Equation (DCM, 125212)	cm ²	
		CA/CE Mitral Valve	Mitral Valve A to E Ratio (99SIEMENSUS, CA_MV_A2E)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)		
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	bpm	
		HR T	Time (99SIEMENS, Time)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	bpm	
		AR/DR (m) DTI	Ratio of Medial Acceleration Rate to Medial Deceleration Rate (99SIEMENS, ARDRM)			
		AR/DR (l) DTI	Ratio of Lateral Acceleration Rate to Lateral Deceleration Rate (99SIEMENS, ARDRL)			

9.4.9 Pulmonary Artery

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Pulmonary Artery	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Pulmonary Artery (SRT, T-44000)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		PAEDP PR	Pulmonary Artery Pressure (SRT, F0212C)	Cardiac Cycle Point (SRT, R-4089A): End Diastole (SRT, F-32011)	mmHg	

9.4.10 Pulmonary Valve

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Pulmonary Valve	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Pulmonary Valve (SRT, T-35200)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		PV VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		PV VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		PV VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		PV VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		PV VTI Vmean	Blood velocity, mean (DCM, 122205)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		PV VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		PV Vmax Vel	Blood velocity, peak (DCM, 122207)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		RV ET T	Pulmonic Valve Ejection Time (LN, 18042-2)		ms	
		RVPEP T	Right Ventricle Pre-Ejection Period (LN, 20301-8)	Image Mode (SRT, G-0373): M-Mode (SRT, G-0394)	ms	
		HR HR	Heart Rate (LN, 8867-4)		bpm	
		HR T	Time (99SIEMENSUS, Time)		ms	
		HR HR	Heart Rate (LN, 8867-4)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	bpm	
		PV PGmax Pulmonary Valve	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		RV STI Pulmonary Valve	Pulmonic Valve Pre-ejection Period to Ejection Time (99SIEMENSUS, CA_PV_PEP2ET)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)		
		RV Acc T/ET Pulmonary Valve	Ratio of Pulmonic Valve Acceleration Time to Ejection Time (SRT, G-0388)			
		PR VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		PR VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		PR VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367)	ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)		
		PR VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		PR VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		PR Vmean PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		PR Vmean AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		PR Vmean ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		PR Vmean VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		PR Vmean Vmax	Blood velocity, peak (DCM, 122207)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		PR Vmean Vmean	Blood velocity, mean (DCM, 122205)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		PR Vmean PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		PR Vmax Vel	Maximum Velocity (LN, 20351-3)		m/s	
		PR V ed Vel	End Diastolic Velocity (LN, 11653-3)		m/s	
		PR PGmax PR	Peak Gradient (LN, 20247-3)		mmHg	
		RV ET T	Pulmonic Valve Ejection Time (LN, 18042-2)		ms	

9.4.11 Right Atrium

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Right Atrium	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Right Atrium (SRT, T-32200)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		A2-A2C D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		A2-A2C D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		A2-A2C C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		A2-A2C A	Right Atrium Systolic Area (LN, 17988-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm ²	
		A2-A2C D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		A1-A4C D1	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		A1-A4C D2	Distance 2 of Ellipse (99SIEMENS, EllipseD2)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		A1-A4C C	Circumference (SRT, M-02560)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	
		A1-A4C A	Right Atrium Systolic Area (LN, 17988-7)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm ²	
		A1-A4C D	Distance 1 of Ellipse (99SIEMENS, EllipseD1)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): End Systole (SRT, R-FAB5B)	cm	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		L D	Right Atrium Systolic Dimension (99SIEMENSUS, CA_RA_DIA)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mm	
		RA Vol (A-L) RA Vol(A-L)	Right Atrium Systolic Volume (99SIEMENSUS, CA_RA_VOL)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mL	
		RA Vol-I (A-L) RA Vol(A-L)	Right Atrium Systolic Volume (99SIEMENSUS, CA_RA_VOL)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Area-Length Biplane (DCM, 125204)	mL/m ²	
		2CH V	Right Atrium Systolic Volume (99SIEMENSUS, CA_RA_VOL)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Apical Two Chamber (SRT, G-A19B) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mL	
		4CH V	Right Atrium Systolic Volume (99SIEMENSUS, CA_RA_VOL)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Image View (DCM, 111031): Apical Four Chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mL	
		RA Vol (Simp) RA Vol(Simp)	Right Atrium Systolic Volume (99SIEMENSUS, CA_RA_VOL)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mL	
		RA Vol-I (Simp) RA Vol(Simp)	Right Atrium Systolic Volume (99SIEMENSUS, CA_RA_VOL)	Image Mode (SRT, G-0373): 2D mode (SRT, G-03A2) Measurement Method (SRT, G-C036): Method of Disks, Biplane (DCM, 125207)	mL/m ²	
		RAP select RAP	Right Atrium Systolic Pressure (LN, 18070-3)		mmHg	
		RAP select RAP	Right Atrium Systolic Pressure (LN, 18070-3)		mmHg	

9.4.12 Pulmonary Vein

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Pulmonary Vein	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Pulmonary Vein (SRT, T-48581)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		PVs1 Vel Vel	Pulmonary Vein Systolic Peak Velocity (LN, 29450-4)		m/s	
		PVs2 Vel Vel	Pulmonary Vein Systolic Peak Velocity (LN, 29450-4)		m/s	
		PVd Vel Vel	Pulmonary Vein Diastolic Peak Velocity (LN, 29451-2)	Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		PVa Vel Vel	Pulmonary Vein Atrial Contraction Reversal Peak Velocity (LN, 29453-8)	Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		PVa dur T	Pulmonary Vein A-Wave Duration (SRT, G-038B)		ms	
		PVs VTI VTI	Pulmonary Vein S-Wave Velocity Time Integral (SRT, G-038C)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm	
		PVs VTI Vmax	Pulmonary Vein Systolic Peak Velocity (LN, 29450-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C)	cm/s	
		PVs VTI Vmean	Blood velocity, mean (DCM, 122205)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C)	cm/s	
		PVs VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		PVs VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		PVs VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		PVs VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		PVd VTI VTI	Pulmonary Vein D-Wave Velocity Time Integral (SRT, G-038D)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	cm	
		PVd VTI Vmax	Pulmonary Vein Diastolic Peak Velocity (LN, 29451-2)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		PVd VTI Vmean	Blood velocity, mean (DCM, 122205)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		PVd VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		PVd VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		PVd VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		PVd VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		PVd Decel Accel	Acceleration Rate (99SIEMENS, AccRate)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	m/s ²	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)		
		PVd Decel T	Deceleration Time (LN, 20217-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	ms	
		PVd Decel Vmax	Pulmonary Vein Diastolic Peak Velocity (LN, 29451-2)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical four chamber (SRT, G-A19C) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm/s	
		PVs2/PVd Pulmonary Vein Sys Fraction	Pulmonary Vein Systolic to Diastolic Ratio (LN, 29452-0)			
		Pulmonary Vein	Pulmonary Vein Systolic Fraction (99SIEMENSUS, CA_PVE_SF)			

9.4.13 Cardiac Shunt Study

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Cardiac Shunt Study	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Cardiac Shunt Study (SRT, P5-30031)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		Qp/Qs Qp/Qs	Pulmonary-to-Systemic Shunt Flow Ratio (LN, 29462-9)			
		Qp-Qs Qp/Qs	Pulmonary minus Systemic Shunt Flow (99SIEMENSUS, CA_CS_PF-SF)		L/min	
		Qp/Qs Pulmonary Valve	Pulmonary minus Systemic Shunt Flow (99SIEMENSUS, CA_CS_PF-SF)			
		Qp-Qs Pulmonary Valve	Pulmonary-to-Systemic Shunt Flow Ratio (LN, 29462-9)		L/min	

9.4.14 Tricuspid Valve

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Tricuspid Valve	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Tricuspid Valve (SRT, T-35100)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		TR VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		TR VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		TR VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		TR VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		TR VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		TR Vmean PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		TR Vmean AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		TR Vmean ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		TR Vmean VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		TR Vmean Vmax	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		TR Vmean Vmean	Time averaged mean velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		TR Vmean PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		TR Vmax Vel	Blood velocity, peak (DCM, 122207)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		TR PGmax TR	Peak Gradient (LN, 20247-3)		mmHg	
		TR Radius D	Dome Radius (99SIEMENSUS, CA_DOME)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mm	
		TR Aliasing Vel Aliasing Vel	Aliasing Velocity (99SIEMENS, AliasingVel)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Derivation (DCM, 121401): Estimated (DCM, 121427)	cm/s	X
		TR VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		TR VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		TR VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		TR VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm	
		TR VTI Vmax	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		TR VTI Vmean	Mean Velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm/s	
		TR VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216) Flow Direction (SRT, G-C048): Regurgitant Flow (SRT, G-0367) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		TR Flow Rate PISA(TR)	Peak Instantaneous Flow Rate (LN, 34141-2)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mL/s	
		TR EO Area PISA(TR)	Effective Regurgitant Orifice Area (99SIEMENS, EOArea)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mm ²	
		TR PGmax PISA(TR)	Peak Gradient (LN, 20247-3)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mmHg	
		TR Flow Vol PISA(TR)	Volume Flow (LN, 33878-0)	Measurement Method (SRT, G-C036): Proximal Isovelocity Surface Area (DCM, 125216)	mL	
		TV Vmean AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		TV Vmean ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		TV Vmean VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	cm	
		TV Vmean Vmean	Mean Velocity (LN, 20352-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		TV Vmean PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		TV Vmean PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	mmHg	
		TV Vmax Vel	Maximum Velocity (LN, 20351-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		TV E pt Vel	Tricuspid Valve E-Wave Peak Velocity (LN, 18031-5)		m/s	
		TV A pt Vel	Tricuspid Valve A-Wave Peak Velocity (LN, 18030-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Cardiac Cycle Point (SRT, R-4089A): Diastole (SRT, F-32010)	m/s	
		TV C-O Time T	Tricuspid Valve Closure to Opening Time (SRT, G-0389)		ms	
		E/A Tricuspid Valve	Tricuspid Valve E to A Ratio (LN, 18039-8)			
		TV PGmax Tricuspid Valve	Peak Gradient (LN, 20247-3)		mmHg	

9.4.15 Left Ventricle Outflow Tract

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Left Ventricle Outflow Tract	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Left Ventricle Outflow Tract (SNM3, T-32650)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		Systemic VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650)	cm	
		Systemic VTI Vmax	Time averaged peak velocity (LN, 11692-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm/s	
		Systemic VTI Vmean	Blood velocity, mean (DCM, 122205)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm/s	
		Systemic VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		Systemic VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	mmHg	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		Systemic VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		Systemic VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		LVOT VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650)	cm	
		LVOT VTI Vmean	Blood velocity, mean (DCM, 122205)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical long axis (SRT, G-0395) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		LVOT VTI PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		LVOT VTI PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical long axis (SRT, G-0395) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		LVOT VTI AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER)	ms	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		LVOT VTI ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		LVOT Vmax Vel	Blood velocity, peak (DCM, 122207)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Apical long axis (SRT, G-0395) Finding Site: Left Ventricle Outflow Tract (SRT, T-32650) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s	
		LVOT PGmax Aortic Valve	Peak Gradient (LN, 20247-3)		mmHg	

9.4.16 Right Ventricle Outflow Tract

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
		Right Ventricle Outflow Tract	Container : Findings (DCM, 121070)	Finding Site (SRT, G-C0E3): Right Ventricle Outflow Tract (SNM3, T-32550)		
		Measurement Group	Container : Measurement Group (DCM, 125007)			
		Pulmonic VTI VTI	Velocity Time Integral (LN, 20354-7)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Right Ventricle Outflow Tract (SRT, T-32550)	cm	
		Pulmonic VTI Vmax	Blood velocity, peak (DCM, 122207)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Right Ventricle Outflow Tract (SRT, T-32550) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm/s	
		Pulmonic VTI Vmean	Blood velocity, mean (DCM, 122205)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Right Ventricle Outflow Tract (SRT, T-32550)	cm/s	

Laterality	Topography	Label	Code Meaning (Coding Scheme Designator, Code Value)	Modifiers	Units	Mean
				Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)		
		Pulmonic VTl PGmax	Peak Gradient (LN, 20247-3)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Right Ventricle Outflow Tract (SRT, T-32550) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		Pulmonic VTl PGmean	Mean Gradient (LN, 20256-4)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Right Ventricle Outflow Tract (SRT, T-32550) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	mmHg	
		Pulmonic VTl AT	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Right Ventricle Outflow Tract (SRT, T-32550) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		Pulmonic VTl ET	Ejection Time (LN, 20222-6)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Right Ventricle Outflow Tract (SRT, T-32550) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		PV Accel Time Accel	Acceleration Rate (99SIEMENS, AccRate)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	m/s ²	
		PV Accel Time T	Acceleration Time (LN, 20168-1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Image View (DCM, 111031): Parasternal short axis (SRT, G-0397) Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	ms	
		PV Accel Time Vmax	Velocity 1 of Acceleration (99SIEMENS, AccelVel1)	Image Mode (SRT, G-0373): Doppler Mode (99SIEMENSUS, DOPPLER) Finding Site: Pulmonic Valve (SRT, T-35200) Cardiac Cycle Point (SRT, R-4089A): Systole (SRT, F-32020)	cm/s	

