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\\USER			
ew			
tmp			
Greta VidaXT			
TOF	angio	3D	

\\USER\lew\tmp\Greta VidaXT\TOF angio 3D

TA: 9:21 min Coil Selection: Auto Voxel Size: 0.4×0.4×0.5 mm³ Acc:: 2 Rel. SNR: 1.00

Properties

Start measurement without further preparation	On
Wait for User to Start	Off
Start measurements	Single Measurement
Prio Recon	Off
Auto Open Inline Display	Off
Auto Close Inline Display	Off
Load Images to MR View&GO	On
Auto Store Images	On
Load Images to Stamp Segments	On
Load Images to Graphic Segments	Off
Graphic segment	Default
Inline Movie	Off

Routine

Slab Group	1
Slabs	7
Distance Factor	-18 %
Position	L2.6 A77.6 F48.7 mm
Orientation	C > T41.9 > S1.7
Phase Encoding Dir.	R >> L
Slices per Slab	40
Phase Oversampling	0 %
Slice Oversampling	20.0 %
FoV Read	180 mm
FoV Phase	100.0 %
Slice Thickness	0.5 mm
TR	30.0 ms
TE	4.92 ms
Averages	1
Concatenations	7
AutoAlign	Head > Brain
Coil Elements	HC1-7;NC1

Contrast - Common

TR	30.0 ms
TE	4.92 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle Mode	Constant
Flip Angle	30 deg
Fat-Water Contrast	Standard
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	None
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
Measurements	1
Multiple Series	Each Measurement
Reordering	Linear

Resolution - Common

FoV Read	180 mm
FoV Phase	100.0 %
Slice Thickness	0.5 mm
Base Resolution	256
Phase Resolution	94 %

Resolution - Common

Slice Resolution	50 %
Trajectory	Cartesian
Interpolation	2.00

Resolution - Acceleration

Acceleration mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	32
Acceleration Factor 3D	1
Phase Partial Fourier	7/8
Slice Partial Fourier	7/8
Asymmetric Echo	Weak
Elliptical Scanning	Off

Resolution - Filter

Raw Filter	Off
Elliptical Filter	Off
POCS	Off
Distortion Correction	2D
Normalize	Prescan
Image Filter	Off

Geometry - Common

Slab Group	1
Slabs	7
Distance Factor	-18 %
Position	L2.6 A77.6 F48.7 mm
Orientation	C > T41.9 > S1.7
Phase Encoding Dir.	R >> L
Slices per Slab	40
Phase Oversampling	0 %
Slice Oversampling	20.0 %
FoV Read	180 mm
FoV Phase	100.0 %
Slice Thickness	0.5 mm
TR	30.0 ms
Multi-Slice Mode	Sequential
Series	Ascending
Concatenations	7

Geometry - AutoAlign

Slab Group	1
Position	L2.6 A77.6 F48.7 mm
Orientation	C > T41.9 > S1.7
Phase Encoding Dir.	R >> L
AutoAlign	Head > Brain
Initial Position	R1.2 A80.4 F70.1
R	1.2 mm
A	80.4 mm
F	70.1 mm
Initial Orientation	C > T
C > T	25.00
> S	1.10
Initial Rotation	-0.01 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	Tracking A
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Geometry - Saturation

Gap	10.00 mm
Thickness	75.00 mm

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	0 mm
Table Position	H
Inline Composing	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combination	Sum of Squares
Matrix Optimization	Off

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Tune up
B1 Shim	TrueForm
CoilShim	Off
Adjustment Tolerance	Auto
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
A >> P	263 mm
R >> L	350 mm
F >> H	350 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.200000 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Correction Factor	1.00
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	30.0 ms
Segments	1
Concatenations	7

Physio - Cardiac

Tagging	None
Fat-Water Contrast	Standard
Magn. Preparation	None
Dark Blood	Off
FoV Read	180 mm
FoV Phase	100.0 %
Phase Resolution	94 %
Cine	Off
Trajectory	Cartesian
Dynamic Mode	Standard
Dummy Heartbeats	1

Physio - PACE

Resp. Control	Off
Concatenations	7

Inline - Dynamic

Dynamic Mode	Standard
MTC	Off
Flow Direction	P >> A
TONE Ramp	70 %
Flip Angle	30 deg
Measurements	1
Multiple Series	Each Measurement

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - Cardiac

Inline Evaluation	Off
Magn. Preparation	None
Save Original Images	On
Contrasts	1
TE	4.92 ms
TR	30.0 ms

Inline - MIP

MIP Sag	Off
MIP Cor	On
MIP Tra	Off
MIP Time	Off
Radial MIP	Off
Save Original Images	On
MPR Sag	Off
MPR Cor	Off
MPR Tra	Off

Inline - Composing

Inline Composing	Off
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Sequence - Part 1

Sequence Name	fl_r
Dimension	3D
Sequence Type	Gre
Excitation	TONE
RF Pulse Type	Normal
Gradient Mode	Fast
Flow Compensation	Slice/Read
Reordering	Linear
Bandwidth	199 Hz/Px
Echo Spacing	10.18 ms
Asymmetric Echo	Weak
Optimization	None
Define	Segments
Segments	1

Sequence - Part 2

Introduction	On
RF Spoiling	On
Phase Enc. Rewinder	On

Sequence - Assistant

SAR Assistant	Off
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Sequence - Assistant

Allowed Delay	0 s
Optimization	None