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\\Sola_Fit_Bac

EXPORT

Whole Body

Whole Body

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\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\FastView *TA: 44 sec Coil Selection: Auto Voxel Size: 5.0×5.0×5.0 mm³ Rel. SNR: 1.00**Properties**

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

FastView

Range Start	0 mm
Range Start	H
Total FOV	1600 mm
Total FOV	H >> F
FastView Adjustments	On
B0 Shim	Tune up
Table Speed	36.00 mm/s

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Tune up
CoilShim	Off
Adjustment Tolerance	Maximum
Adjust with Body Coil	On
Confirm Frequency	Never
Assume Silicone	Off
Adj. Water Suppr.	Off
FastView Adjustments	On

Inline - Open Recon

Algorithm	None
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\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Bodylep2d_diff_stir_cor_1 *

TA: 1:48 min Coil Selection: Auto Voxel Size: 1.5×1.5×4.0 mm³ Acc:: 3 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	46
Distance Factor	20 %
Position	L4.4 P25.7 F164.1 mm
Orientation	Coronal
Phase Encoding Dir.	F >> H
AutoAlign	---
Phase Oversampling	50 %
FOV Read	450 mm
FOV Phase	68.5 %
Slice Thickness	4.0 mm
TR	6670.0 ms
TE	63.00 ms
Concatenations	1

Contrast - Common

TR	6670.0 ms
TE	63.00 ms
MTC	Off
Magn. Preparation	Slice-sel. IR
TI	180 ms
Fat-Water Contrast	Standard
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
Delay in TR	0.00 ms

Resolution - Common

FOV Read	450 mm
FOV Phase	68.5 %
Slice Thickness	4.0 mm

Resolution - Common

Base Resolution	146
Phase Resolution	100 %
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	GRE/Separate
Acceleration Factor PE	3
Reference Lines PE	30
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off

Resolution - Filter

Raw Filter	Off
Elliptical Filter	Off
Distortion Correction	2D
Normalize	Prescan
Noise Masking	On

Geometry - Common

Slice Group	1
Slices	46
Distance Factor	20 %
Position	L4.4 P25.7 F164.1 mm
Orientation	Coronal
Phase Encoding Dir.	F >> H
Phase Oversampling	50 %
FOV Read	450 mm
FOV Phase	68.5 %
Slice Thickness	4.0 mm
TR	6670.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	1

Geometry - AutoAlign

Slice Group	1
Position	L4.4 P25.7 F164.1 mm
Orientation	Coronal
Phase Encoding Dir.	F >> H
AutoAlign	---
Initial Position	L4.4 P25.7 F164.1
L	4.4 mm
P	25.7 mm
F	164.1 mm
Initial Orientation	Coronal
Initial Rotation	90.00 deg

Geometry - Navigator

Geometry - Saturation

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	164 mm
Table Position	F
Inline Composing	On
Normalize	Medium
Save non-normalized	On
Composing Function	Diffusion
Series Description	cor
Composing Group	1
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	SliceAdjust
B0 Shim	Whole Body
CoilShim	Off
Adjustment Tolerance	Auto
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L4.4 P25.7 F164.1 mm
Orientation	Coronal
Rotation	180.00 deg
R >> L	280 mm
F >> H	309 mm
A >> P	220 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	3.000

Physio - Signal

1st Signal/Mode	None
TR	6670.0 ms
Concatenations	1

Physio - PACE

Resp. Control	Off
Concatenations	1

Diff

Diffusion Mode	3D Diagonal
Diff. Directions	1
Diffusion Scheme	Monopolar
Diff. Weightings	2
b-value 1	50 s/mm ²
b-value 2	800 s/mm ²
Averages 1	3
Averages 2	10
Complex Averaging	Off
Dynamic Field Correction	On
Invert Gray Scale	Off
Diff. Weighted Images	On
Trace Weighted Images	Off
Tensor	Off
FA Maps	Off
ADC Maps	On
Exponential ADC Maps	Off
b-value >=	0 s/mm ²
ADC Noise Threshold	10
Noise Masking	On
Calculated b-value	1500 s/mm ²
Calculated Image	On

Inline - Open Recon

Algorithm	None
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Sequence - Part 1

Sequence Name	epir
Excitation	Standard
RF Pulse Type	Normal
Gradient Mode	Fast
Bandwidth	2446 Hz/Px
Echo Spacing	0.49 ms
Free Echo Spacing	Off
Optimization	None
EPI Factor	100

Sequence - Part 2

Introduction	Off
Phase Correction	External
Ghost Reduction	Off

Sequence - Assistant

SAR Assistant	Off
Optimization	None

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_caput *

TA: 2:32 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	46
Distance Factor	20 %
Position	L1.4 P28.1 F179.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	4460.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	4460.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
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Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	46
Distance Factor	20 %
Position	L1.4 P28.1 F179.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	4460.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P28.1 F179.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P28.1 F179.4
L	1.4 mm
P	28.1 mm
F	179.4 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	179 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Standard Neck
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P28.1 F179.4 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	55 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	4460.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
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Sequence - Part 1

Sequence Name	tseR
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Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_thx *

TA: 1:59 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	34
Distance Factor	20 %
Position	L1.4 P59.3 F469.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3490.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3490.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
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Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	34
Distance Factor	20 %
Position	L1.4 P59.3 F469.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3490.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P59.3 F469.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P59.3 F469.4
L	1.4 mm
P	59.3 mm
F	469.4 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	469 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P59.3 F469.4 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	163 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3490.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
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Sequence - Part 1

Sequence Name	tseR
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Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_abd *

TA: 1:59 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	36
Distance Factor	20 %
Position	L1.4 P56.9 F759.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3490.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3490.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
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Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	36
Distance Factor	20 %
Position	L1.4 P56.9 F759.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3490.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P56.9 F759.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P56.9 F759.4
L	1.4 mm
P	56.9 mm
F	759.4 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	759 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P56.9 F759.4 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	172 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3490.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
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Sequence - Part 1

Sequence Name	tseR
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Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_pelvis *

TA: 1:46 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	32
Distance Factor	20 %
Position	L1.4 P56.9 F1049.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3110.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3110.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
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Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	32
Distance Factor	20 %
Position	L1.4 P56.9 F1049.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3110.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P56.9 F1049.4 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P56.9 F1049.4
L	1.4 mm
P	56.9 mm
F	1049.4 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	1049 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P56.9 F1049.4 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	153 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3110.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
-----------	------

Sequence - Part 1

Sequence Name	tseR
---------------	------

Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\lt2_tse_fs-dixon_cor_kne_ankel *

TA: 2:12 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 P47.3 F1244.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3880.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3880.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
--------------	----------

Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 P47.3 F1244.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3880.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P47.3 F1244.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P47.3 F1244.3
L	1.4 mm
P	47.3 mm
F	1244.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
--------------------	------

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	1244 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	On

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P47.3 F1244.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	192 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3880.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	On
Series Description	

Inline - Open Recon

Algorithm	None
-----------	------

Sequence - Part 1

Sequence Name	tseR
---------------	------

Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\FastView *TA: 44 sec Coil Selection: Auto Voxel Size: 5.0×5.0×5.0 mm³ Rel. SNR: 1.00**Properties**

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

FastView

Range Start	0 mm
Range Start	H
Total FOV	1600 mm
Total FOV	H >> F
FastView Adjustments	On
B0 Shim	Tune up
Table Speed	36.00 mm/s

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Tune up
CoilShim	Off
Adjustment Tolerance	Maximum
Adjust with Body Coil	On
Confirm Frequency	Never
Assume Silicone	Off
Adj. Water Suppr.	Off
FastView Adjustments	On

Inline - Open Recon

Algorithm	None
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\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Bodylep2d_diff_stir_cor_1 *

TA: 1:51 min Coil Selection: Auto Voxel Size: 1.5×1.5×4.0 mm³ Acc:: 3 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	48
Distance Factor	20 %
Position	L1.4 P25.7 F173.3 mm
Orientation	Coronal
Phase Encoding Dir.	F >> H
AutoAlign	---
Phase Oversampling	50 %
FOV Read	450 mm
FOV Phase	68.5 %
Slice Thickness	4.0 mm
TR	6840.0 ms
TE	63.00 ms
Concatenations	1

Contrast - Common

TR	6840.0 ms
TE	63.00 ms
MTC	Off
Magn. Preparation	Slice-sel. IR
TI	180 ms
Fat-Water Contrast	Standard
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
Delay in TR	0.00 ms

Resolution - Common

FOV Read	450 mm
FOV Phase	68.5 %
Slice Thickness	4.0 mm

Resolution - Common

Base Resolution	146
Phase Resolution	100 %
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	GRE/Separate
Acceleration Factor PE	3
Reference Lines PE	30
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off

Resolution - Filter

Raw Filter	Off
Elliptical Filter	Off
Distortion Correction	2D
Normalize	Prescan
Noise Masking	On

Geometry - Common

Slice Group	1
Slices	48
Distance Factor	20 %
Position	L1.4 P25.7 F173.3 mm
Orientation	Coronal
Phase Encoding Dir.	F >> H
Phase Oversampling	50 %
FOV Read	450 mm
FOV Phase	68.5 %
Slice Thickness	4.0 mm
TR	6840.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	1

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P25.7 F173.3 mm
Orientation	Coronal
Phase Encoding Dir.	F >> H
AutoAlign	---
Initial Position	L1.4 P25.7 F173.3
L	1.4 mm
P	25.7 mm
F	173.3 mm
Initial Orientation	Coronal
Initial Rotation	90.00 deg

Geometry - Navigator

Geometry - Saturation

Special Saturation	None
--------------------	------

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	173 mm
Table Position	F
Inline Composing	On
Normalize	Medium
Save non-normalized	On
Composing Function	Diffusion
Series Description	cor
Composing Group	1
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	SliceAdjust
B0 Shim	Whole Body
CoilShim	Off
Adjustment Tolerance	Auto
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P25.7 F173.3 mm
Orientation	Coronal
Rotation	180.00 deg
R >> L	280 mm
F >> H	309 mm
A >> P	230 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	3.000

Physio - Signal

1st Signal/Mode	None
TR	6840.0 ms
Concatenations	1

Physio - PACE

Resp. Control	Off
Concatenations	1

Diff

Diffusion Mode	3D Diagonal
Diff. Directions	1
Diffusion Scheme	Monopolar
Diff. Weightings	2
b-value 1	50 s/mm ²
b-value 2	800 s/mm ²
Averages 1	3
Averages 2	10
Complex Averaging	Off
Dynamic Field Correction	On
Invert Gray Scale	Off
Diff. Weighted Images	On
Trace Weighted Images	Off
Tensor	Off
FA Maps	Off
ADC Maps	On
Exponential ADC Maps	Off
b-value >=	0 s/mm ²
ADC Noise Threshold	10
Noise Masking	On
Calculated b-value	1500 s/mm ²
Calculated Image	On

Inline - Open Recon

Algorithm	None
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Sequence - Part 1

Sequence Name	epir
Excitation	Standard
RF Pulse Type	Normal
Gradient Mode	Fast
Bandwidth	2446 Hz/Px
Echo Spacing	0.49 ms
Free Echo Spacing	Off
Optimization	None
EPI Factor	100

Sequence - Part 2

Introduction	Off
Phase Correction	External
Ghost Reduction	Off

Sequence - Assistant

SAR Assistant	Off
Optimization	None

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_caput *

TA: 2:35 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	48
Distance Factor	20 %
Position	L1.4 P25.7 F190.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	4550.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	4550.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
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Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	48
Distance Factor	20 %
Position	L1.4 P25.7 F190.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	4550.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P25.7 F190.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P25.7 F190.3
L	1.4 mm
P	25.7 mm
F	190.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	190 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Standard Neck
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P25.7 F190.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	58 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	4550.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
-----------	------

Sequence - Part 1

Sequence Name	tseR
---------------	------

Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_thx *

TA: 2:09 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 P42.5 F480.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3800.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
--------------	----------

Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 P42.5 F480.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P42.5 F480.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P42.5 F480.3
L	1.4 mm
P	42.5 mm
F	480.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
--------------------	------

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	480 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P42.5 F480.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	192 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3800.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
-----------	------

Sequence - Part 1

Sequence Name	tseR
---------------	------

Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_abd *

TA: 2:09 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 P42.5 F770.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3800.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
--------------	----------

Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 P42.5 F770.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P42.5 F770.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P42.5 F770.3
L	1.4 mm
P	42.5 mm
F	770.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	770 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P42.5 F770.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	192 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3800.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
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Sequence - Part 1

Sequence Name	tseR
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Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_pelvis *

TA: 1:56 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	36
Distance Factor	20 %
Position	L1.4 P25.7 F1060.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3420.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3420.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
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Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	36
Distance Factor	20 %
Position	L1.4 P25.7 F1060.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3420.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P25.7 F1060.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P25.7 F1060.3
L	1.4 mm
P	25.7 mm
F	1060.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	1060 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P25.7 F1060.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	172 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3420.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
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Sequence - Part 1

Sequence Name	tseR
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Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\lt2_tse_fs-dixon_cor_kne_ankel *

TA: 2:09 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 A10.3 F1350.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3800.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
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Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 A10.3 F1350.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 A10.3 F1350.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 A10.3 F1350.3
L	1.4 mm
A	10.3 mm
F	1350.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	1350 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	On

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 A10.3 F1350.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	192 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3800.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	On
Series Description	

Inline - Open Recon

Algorithm	None
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Sequence - Part 1

Sequence Name	tseR
---------------	------

Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\FastView *TA: 44 sec Coil Selection: Auto Voxel Size: 5.0×5.0×5.0 mm³ Rel. SNR: 1.00**Properties**

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

FastView

Range Start	0 mm
Range Start	H
Total FOV	1600 mm
Total FOV	H >> F
FastView Adjustments	On
B0 Shim	Tune up
Table Speed	36.00 mm/s

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Tune up
CoilShim	Off
Adjustment Tolerance	Maximum
Adjust with Body Coil	On
Confirm Frequency	Never
Assume Silicone	Off
Adj. Water Suppr.	Off
FastView Adjustments	On

Inline - Open Recon

Algorithm	None
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\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Bodylep2d_diff_stir_cor_1 *

TA: 1:51 min Coil Selection: Auto Voxel Size: 1.5×1.5×4.0 mm³ Acc:: 3 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	48
Distance Factor	20 %
Position	L4.2 P25.7 F162.1 mm
Orientation	Coronal
Phase Encoding Dir.	F >> H
AutoAlign	---
Phase Oversampling	50 %
FOV Read	450 mm
FOV Phase	68.5 %
Slice Thickness	4.0 mm
TR	6840.0 ms
TE	63.00 ms
Concatenations	1

Contrast - Common

TR	6840.0 ms
TE	63.00 ms
MTC	Off
Magn. Preparation	Slice-sel. IR
TI	180 ms
Fat-Water Contrast	Standard
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
Delay in TR	0.00 ms

Resolution - Common

FOV Read	450 mm
FOV Phase	68.5 %
Slice Thickness	4.0 mm

Resolution - Common

Base Resolution	146
Phase Resolution	100 %
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	GRE/Separate
Acceleration Factor PE	3
Reference Lines PE	30
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off

Resolution - Filter

Raw Filter	Off
Elliptical Filter	Off
Distortion Correction	2D
Normalize	Prescan
Noise Masking	On

Geometry - Common

Slice Group	1
Slices	48
Distance Factor	20 %
Position	L4.2 P25.7 F162.1 mm
Orientation	Coronal
Phase Encoding Dir.	F >> H
Phase Oversampling	50 %
FOV Read	450 mm
FOV Phase	68.5 %
Slice Thickness	4.0 mm
TR	6840.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	1

Geometry - AutoAlign

Slice Group	1
Position	L4.2 P25.7 F162.1 mm
Orientation	Coronal
Phase Encoding Dir.	F >> H
AutoAlign	---
Initial Position	L4.2 P25.7 F162.1
L	4.2 mm
P	25.7 mm
F	162.1 mm
Initial Orientation	Coronal
Initial Rotation	90.00 deg

Geometry - Navigator

Geometry - Saturation

Special Saturation	None
--------------------	------

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	162 mm
Table Position	F
Inline Composing	On
Normalize	Medium
Save non-normalized	On
Composing Function	Diffusion
Series Description	cor
Composing Group	1
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	SliceAdjust
B0 Shim	Whole Body
CoilShim	Off
Adjustment Tolerance	Auto
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L4.2 P25.7 F162.1 mm
Orientation	Coronal
Rotation	180.00 deg
R >> L	280 mm
F >> H	309 mm
A >> P	230 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	3.000

Physio - Signal

1st Signal/Mode	None
TR	6840.0 ms
Concatenations	1

Physio - PACE

Resp. Control	Off
Concatenations	1

Diff

Diffusion Mode	3D Diagonal
Diff. Directions	1
Diffusion Scheme	Monopolar
Diff. Weightings	2
b-value 1	50 s/mm ²
b-value 2	800 s/mm ²
Averages 1	3
Averages 2	10
Complex Averaging	Off
Dynamic Field Correction	On
Invert Gray Scale	Off
Diff. Weighted Images	On
Trace Weighted Images	Off
Tensor	Off
FA Maps	Off
ADC Maps	On
Exponential ADC Maps	Off
b-value >=	0 s/mm ²
ADC Noise Threshold	10
Noise Masking	On
Calculated b-value	1500 s/mm ²
Calculated Image	On

Inline - Open Recon

Algorithm	None
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Sequence - Part 1

Sequence Name	epir
Excitation	Standard
RF Pulse Type	Normal
Gradient Mode	Fast
Bandwidth	2446 Hz/Px
Echo Spacing	0.49 ms
Free Echo Spacing	Off
Optimization	None
EPI Factor	100

Sequence - Part 2

Introduction	Off
Phase Correction	External
Ghost Reduction	Off

Sequence - Assistant

SAR Assistant	Off
Optimization	None

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_caput *

TA: 2:35 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	48
Distance Factor	20 %
Position	L1.4 P25.7 F190.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	4550.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	4550.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
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Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	48
Distance Factor	20 %
Position	L1.4 P25.7 F190.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	4550.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P25.7 F190.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P25.7 F190.3
L	1.4 mm
P	25.7 mm
F	190.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	190 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Standard Neck
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P25.7 F190.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	58 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	4550.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
-----------	------

Sequence - Part 1

Sequence Name	tseR
---------------	------

Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_thx *

TA: 2:09 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 P42.5 F480.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3800.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
--------------	----------

Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 P42.5 F480.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P42.5 F480.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P42.5 F480.3
L	1.4 mm
P	42.5 mm
F	480.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
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Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	480 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P42.5 F480.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	192 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3800.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
-----------	------

Sequence - Part 1

Sequence Name	tseR
---------------	------

Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_abd *

TA: 2:09 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 P42.5 F770.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3800.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
--------------	----------

Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 P42.5 F770.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P42.5 F770.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P42.5 F770.3
L	1.4 mm
P	42.5 mm
F	770.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
--------------------	------

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	770 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P42.5 F770.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	192 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3800.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
-----------	------

Sequence - Part 1

Sequence Name	tseR
---------------	------

Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\t2_tse_fs-dixon_cor_pelvis *

TA: 1:56 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	36
Distance Factor	20 %
Position	L1.4 P25.7 F1060.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3420.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3420.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
--------------	----------

Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	36
Distance Factor	20 %
Position	L1.4 P25.7 F1060.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3420.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 P25.7 F1060.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 P25.7 F1060.3
L	1.4 mm
P	25.7 mm
F	1060.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
--------------------	------

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	1060 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	Off

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 P25.7 F1060.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	172 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3420.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	Off
Series Description	

Inline - Open Recon

Algorithm	None
-----------	------

Sequence - Part 1

Sequence Name	tseR
---------------	------

Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s

\\Sola_Fit_Bac\EXPORT\Whole Body\Whole Body\lt2_tse_fs-dixon_cor_kne_ankel *

TA: 2:09 min Coil Selection: Auto Voxel Size: 0.5×0.5×4.0 mm³ Acc:: 2 Rel. SNR: 1.00**Properties**

Start measurement without further preparation	Off
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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
	Default
Inline Movie	Off
Before Measurement	
After Measurement	

Routine

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 A10.3 F1350.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
TE	97.00 ms
Averages	1
Concatenations	2

Contrast - Common

TR	3800.0 ms
TE	97.00 ms
TD	0.00 ms
MTC	Off
Magn. Preparation	None
Flip Angle 1	120 deg
Flip Angle 2	90 deg
Fat-Water Contrast	Fast Dixon
Fat Saturation	Strong
Dark Blood	Off
Contrasts	1
Wrap-up Magn.	Restore
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
--------------	----------

Contrast - Dynamic

Measurements	1
Multiple Series	Each Measurement

Resolution - Common

FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
Base Resolution	352
Phase Resolution	100 %
Trajectory	Cartesian
Interpolation	On

Resolution - Acceleration

Acceleration Mode	GRAPPA
Reference Scans	Integrated
Acceleration Factor PE	2
Reference Lines PE	39
Deep Resolve / ID Gain	On
Phase Partial Fourier	Off
Asymmetric Echo	Off

Resolution - Filter

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

Geometry - Common

Slice Group	1
Slices	40
Distance Factor	20 %
Position	L1.4 A10.3 F1350.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
Phase Oversampling	20 %
FOV Read	350 mm
FOV Phase	142.0 %
Slice Thickness	4.0 mm
TR	3800.0 ms
Multi-Slice Mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice Group	1
Position	L1.4 A10.3 F1350.3 mm
Orientation	Coronal
Phase Encoding Dir.	R >> L
AutoAlign	---

Geometry - AutoAlign

Initial Position	L1.4 A10.3 F1350.3
L	1.4 mm
A	10.3 mm
F	1350.3 mm
Initial Orientation	Coronal
Initial Rotation	0.00 deg

Geometry - Navigator**Geometry - Saturation**

Special Saturation	None
--------------------	------

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table Position	1350 mm
Table Position	F
Inline Composing	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Series Description	
Composing Group	2
Last Step	On

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combination	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Absolute
CoilShim	Auto
Adjustment Tolerance	None
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off

System - Adjust Volume

Position	L1.4 A10.3 F1350.3 mm
Orientation	Coronal
Rotation	90.00 deg
F >> H	350 mm
R >> L	498 mm
A >> P	192 mm
Reset	Off

System - Tx/Rx

Frequency 1H	63.658376 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	3800.0 ms
Concatenations	2

Physio - Cardiac

Fat-Water Contrast	Fast Dixon
Magn. Preparation	None
Dark Blood	Off
FOV Read	350 mm
FOV Phase	142.0 %
Phase Resolution	100 %
Trajectory	Cartesian

Physio - PACE

Resp. Control	Off
Concatenations	2

Inline - Subtraction

Subtract	Off
Measurements	1
StdDev	Off
Save Original Images	On

Inline - MIP

MIP Sag	Off
MIP Cor	Off
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	On
Normalize	Off
Save non-normalized	On
Composing Function	Adaptive
Composing Group	2
Last Step	On
Series Description	

Inline - Open Recon

Algorithm	None
-----------	------

Sequence - Part 1

Sequence Name	tseR
---------------	------

Sequence - Part 1

RF Pulse Type	Fast
Gradient Mode	Fast
Flow Compensation	None
Bandwidth	710 Hz/Px
Echo Spacing	8.84 ms
Asymmetric Echo	Off
Define	Turbo Factor
Turbo Factor	20
Echo Trains per Slice	16

Sequence - Part 2

Introduction	Off
Phase Correction	Off
Red. EC Sensitivity	Off
Reduce Motion Sens.	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	30 s