\\USER\CoBIC\Dimo\251105_TOF_test\tof_fl3d_tra

TA: 8:02 min Coil Selection: Auto Voxel Size: 0.4×0.4×0.4 mm³ Acc:: 7.2 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
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
Graphic segment	Default
Inline Movie	Off

Routine

Slab Group	1
Slabs	8
Distance Factor	-19 %
Position	L0.0 P12.3 H14.9 mm
Orientation	T > C-27.7
Phase Encoding Dir.	R >> L
Slices per Slab	48
Phase Oversampling	0 %
Slice Oversampling	16.7 %
FOV Read	205 mm
FOV Phase	90.6 %
Slice Thickness	0.40 mm
TR	103.62 ms
TE	5.61 ms
Averages	1
Concatenations	8
AutoAlign	Head > Brain

Contrast - Common

TR	103.62 ms
TE	5.61 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

Contrast - Dynamic

Multiple Series	Each Measurement
Reordering	Linear

Contrast - Angio

Flow Direction	F >> H
TONE Ramp	60 %

Resolution - Common

FOV Read	205 mm
FOV Phase	90.6 %
Slice Thickness	0.40 mm
Base Resolution	512
Phase Resolution	100 %
Slice Resolution	100 %
Trajectory	Cartesian
Interpolation	1.00

Resolution - Acceleration

Acceleration Mode	CS
Total Factor	7.2
Reference Scans	GRE/Separate
Reference Lines PE	33
Reference Lines 3D	24
Deep Resolve	Off
Phase Partial Fourier	Off
Slice Partial Fourier	Off
Asymmetric Echo	Weak
Elliptical Scanning	Off

Resolution - Filter

Raw Filter	On
Elliptical Filter	Off
POCS	Off
Distortion Correction	3D
Normalize	B1 Filter
Image Filter	On

Geometry - Common

Slab Group	1
Slabs	8
Distance Factor	-19 %
Position	L0.0 P12.3 H14.9 mm
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Phase Encoding Dir.	R >> L
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Phase Oversampling	0 %
Slice Oversampling	16.7 %
FOV Read	205 mm
FOV Phase	90.6 %
Slice Thickness	0.40 mm

Geometry - Common

TR	103.62 ms
Multi-Slice Mode	Sequential
Series	Descending
Concatenations	8

Geometry - AutoAlign

Slab Group	1
Position	L0.0 P12.3 H14.9 mm
Orientation	T > C-27.7
Phase Encoding Dir.	R >> L
AutoAlign	Head > Brain
Initial Position	L0.0 P12.3 H14.9
L	0.0 mm
P	12.3 mm
H	14.9 mm
Initial Orientation	T > C
T > C	-27.70
> S	0.00
Initial Rotation	90.00 deg

Geometry - Navigator

Geometry - Saturation

Special Saturation	None

Geometry - Tim Planning Suite

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

System - Miscellaneous

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

System - Adjustments

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

System - Adjust Volume

! Position	L0.0 P5.2 F1.5 mm
! Orientation	T > C-25.8
! Rotation	90.00 deg

System - Adjust Volume

! R >> L	182 mm
! A >> P	200 mm
! F >> H	178 mm
Reset	Off

System - pTx

B1 Shim	TrueForm
Excitation	TONE

System - Tx/Rx

Frequency 1H	297.160918 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	103.62 ms
Segments	7
Concatenations	8

Physio - Cardiac

Tagging	None
Fat-Water Contrast	Standard
Magn. Preparation	None
Dark Blood	Off
FOV Read	205 mm
FOV Phase	90.6 %
Phase Resolution	100 %
Cine	Off
Trajectory	Cartesian
Dummy Heartbeats	1

Physio - PACE

Resp. Control	Off
Concatenations	8

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	5.61 ms
TR	103.62 ms

Inline - MIP

MIP Sag	On
MIP Cor	On

Inline - MIP

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

Inline - Composing

Inline - Open Recon

Algorithm	None

Sequence - Part 1

Sequence Name	fl_r
Dimension	3D
Sequence Type	Gre
Excitation	TONE
RF Pulse Type	Low SAR
Gradient Mode	Fast*
Flow Compensation	Slice/Read
Reordering	Linear
Bandwidth	119 Hz/Px
Echo Spacing	13.32 ms
Asymmetric Echo	Weak
Optimization	None
Define	Segments
Segments	7

Sequence - Part 2

Introduction	On
RF Spoiling	On
Phase Enc. Rewinder	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	0 s
Optimization	None

\\USER\CoBIC\Dimo\251105_TOF_test\tof_fl3d_tra_no_flow_comp

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Properties

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Start measurements	Single Measurement
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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
Graphic segment	Default
Inline Movie	Off

Routine

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Dark Blood	Off
Contrasts	1
Wrap-up Magn.	None
Reconstruction	Magnitude

Contrast - Dynamic

Dynamic Mode	Standard
Measurements	1

Contrast - Dynamic

Multiple Series	Each Measurement
Reordering	Linear

Contrast - Angio

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TONE Ramp	60 %

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Phase Partial Fourier	Off
Slice Partial Fourier	Off
Asymmetric Echo	Weak
Elliptical Scanning	Off

Resolution - Filter

Raw Filter	On
Elliptical Filter	Off
POCS	Off
Distortion Correction	3D
Normalize	B1 Filter
Image Filter	On

Geometry - Common

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Series	Descending
Concatenations	8

Geometry - AutoAlign

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Orientation	T > C-27.7
Phase Encoding Dir.	R >> L
AutoAlign	Head > Brain
Initial Position	L0.0 P12.3 H14.9
L	0.0 mm
P	12.3 mm
H	14.9 mm
Initial Orientation	T > C
T > C	-27.70
> S	0.00
Initial Rotation	90.00 deg

Geometry - Navigator

Geometry - Saturation

Special Saturation	None

Geometry - Tim Planning Suite

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

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
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Concatenations	8

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Magn. Preparation	None
Dark Blood	Off
FOV Read	205 mm
FOV Phase	90.6 %
Phase Resolution	100 %
Cine	Off
Trajectory	Cartesian
Dummy Heartbeats	1

Physio - PACE

Resp. Control	Off
Concatenations	8

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	5.61 ms
TR	103.62 ms

Inline - MIP

MIP Sag	On
MIP Cor	On

Inline - MIP

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

Inline - Composing

Inline - Open Recon

Algorithm	None

Sequence - Part 1

Sequence Name	fl
Dimension	3D
Sequence Type	Gre
Excitation	TONE
RF Pulse Type	Low SAR
Gradient Mode	Fast*
Flow Compensation	None
Reordering	Linear
Bandwidth	119 Hz/Px
Echo Spacing	13.32 ms
Asymmetric Echo	Weak
Optimization	None
Define	Segments
Segments	7

Sequence - Part 2

Introduction	On
RF Spoiling	On
Phase Enc. Rewinder	On

Sequence - Assistant

SAR Assistant	Off
Allowed Delay	0 s
Optimization	None