$\verb|\USER\INVESTIGATORS\Andre\T2-SPACE-FLAIR\T2_SPACE_1mm_iso|$

Voxel size: 1.0×1.0×1.0 mm Rel. SNR: 1.00

SIEMENS: tse_vfl

TA: 4:43

PAT: 2

1A. 4.43 FA	VOXELSIZE. I.UXI.UXI.U	Jillii Rei. Sink. 1.00 Si	EIVIEINO. ISE_VII
Droportion		Normalize	Off
Properties Prio Recon	Off	B1 filter	Off
Before measurement	Oil	Raw filter	On
		Intensity	Weak
After measurement Load to viewer	On	Slope	25
	Off	Elliptical filter	Off
Inline movie	On	Geometry	
Auto store images	On		
Load to stamp segments	Off	Special sat.	None
Load images to graphic	Oli		
segments	0#	Set-n-Go Protocol	Off
Auto open inline display	Off	Table position	H
Start measurement without	On	Table position	0 mm
further preparation	0"	Inline Composing	Off
Wait for user to start	Off		0.11
Start measurements	single	System	
Routine		Body	Off
Slab group 1		HEP	On
Slabs	1	HEA	On
Position	R3.0 A12.0 F18.0	Positioning mode	DEE
Orientation	Sagittal	Positioning mode	REF
Phase enc. dir.	A >> P	MSMA	S-C-T
Rotation	12.50 deg	Sagittal	R >> L
	0 %	Coronal	A >> P
Phase oversampling		Transversal	F >> H
Slice oversampling	0.0 %	Save uncombined	Off
Slices per slab	176	Coil Combine Mode	Adaptive Combine
FoV read	256 mm	AutoAlign	Head > Brain Atlas
FoV phase	100.0 %	Auto Coil Select	Default
Slice thickness	1.00 mm	Shim mode	Standard
TR	3200 ms		Off
TE	425 ms	Adjust with body coil	
Averages	1.0	Confirm freq. adjustment	Off
Concatenations	1	Assume Silicone	Off
Filter	Raw filter, Prescan Normalize	? Ref. amplitude 1H	0.000 V
Coil elements	HEA;HEP	Adjustment Tolerance	Auto
Contrast		Adjust volume	D0 0 440 0 540 0
MTC	Off	Position	R3.0 A12.0 F18.0
Magn. preparation	None	Orientation	Sagittal
		Rotation	12.50 deg
Fat suppr.	None	F >> H	256 mm
Water suppr.	None	A >> P	256 mm
Restore magn.	Off	R >> L	176 mm
Reconstruction	Magnitude	Physio	
Measurements	1	1st Signal/Mode	None
Multiple series	Each measurement		
Desclution		Dark blood	Off
Resolution	050	Resp. control	Off
Base resolution	256	resp. control	Oli
Phase resolution	100 %	Inline	
Slice resolution	100 %	Subtract	Off
Phase partial Fourier	Allowed	Std-Dev-Sag	Off
Slice partial Fourier	Off	Std-Dev-Cor	Off
Interpolation	Off	Std-Dev-Tra	Off
PAT mode		Std-Dev-Time	Off
I AT IIIOUE	CDADDA		
	GRAPPA 2	MIP-Sag	OII
Accel. factor PE	2	MIP-Sag MIP-Cor	Off Off
Accel. factor PE Ref. lines PE	2 24	MIP-Cor	Off
Accel. factor PE Ref. lines PE Accel. factor 3D	2 24 1	MIP-Cor MIP-Tra	Off Off
Accel. factor PE Ref. lines PE Accel. factor 3D Matrix Coil Mode	2 24 1 Auto (Triple)	MIP-Cor MIP-Tra MIP-Time	Off Off Off
Accel. factor PE Ref. lines PE Accel. factor 3D	2 24 1	MIP-Cor MIP-Tra	Off Off
Accel. factor PE Ref. lines PE Accel. factor 3D Matrix Coil Mode Reference scan mode	2 24 1 Auto (Triple)	MIP-Cor MIP-Tra MIP-Time Save original images	Off Off Off
Accel. factor PE Ref. lines PE Accel. factor 3D Matrix Coil Mode Reference scan mode Image Filter	2 24 1 Auto (Triple) Integrated Off	MIP-Cor MIP-Tra MIP-Time Save original images	Off Off Off On
Accel. factor PE Ref. lines PE Accel. factor 3D Matrix Coil Mode Reference scan mode Image Filter Distortion Corr.	2 24 1 Auto (Triple) Integrated Off Off	MIP-Cor MIP-Tra MIP-Time Save original images Sequence Introduction	Off Off Off On
Accel. factor PE Ref. lines PE Accel. factor 3D Matrix Coil Mode Reference scan mode Image Filter	2 24 1 Auto (Triple) Integrated Off	MIP-Cor MIP-Tra MIP-Time Save original images	Off Off Off On

Flow con Allowed Echo sp Adiabati	delay acing	No 0 s 3.56 ms Off
Echo tra Echo tra RF pulsa Gradien Excitatio	bo factor iins per slice iin duration e type t mode	Echo trains 141 2 1 922 Normal Fast Non-sel. T2 var

 $\verb|\USER\INVESTIGATORS\Andre\T2-SPACE-FLAIR\T2_SPACE_FLAIR_p2_iso|$

TA: 7:20 PAT: 2 Voxel size: 1.0×1.0×1.0 mm Rel. SNR: 1.00 SIEMENS: tse_vfl				
Dranartica		Prescan Normalize	On	
Properties	0"	Normalize	Off	
Prio Recon	Off	B1 filter	Off	
Before measurement		Raw filter	On	
After measurement		Intensity	Weak	
Load to viewer	On	Slope	25	
Inline movie	Off	Elliptical filter	Off	
Auto store images	On	Liliptical litter	Oli	
Load to stamp segments	Off	Geometry		
Load images to graphic	Off			
segments		Special sat.	None	
Auto open inline display	Off			
Start measurement without	On	Set-n-Go Protocol	Off	
further preparation	311	Table position	Н	
Wait for user to start	On	Table position	0 mm	
Start measurements		Inline Composing	Off	
	single	System		
Routine		- Body	Off	
Slab group 1	4	HEP	On	
Slabs	1	HEA	On	
Position	R3.0 A12.0 F18.0			
Orientation	Sagittal	Positioning mode	REF	
Phase enc. dir.	A >> P	MSMA	S - C - T	
Rotation	12.50 deg	Sagittal	R >> L	
Phase oversampling	40 %	Coronal	A >> P	
Slice oversampling	0.0 %	Transversal	F >> H	
Slices per slab	176	Save uncombined	Off	
FoV read	192 mm	Coil Combine Mode		
FoV phase	100.0 %		Adaptive Combine Head > Brain Atlas	
Slice thickness	1.00 mm	AutoAlign		
TR	5000 ms	Auto Coil Select	Default	
TE	354 ms	Shim mode	Standard	
		Adjust with body coil	Off	
Averages	1.0	Confirm freq. adjustment	Off	
Concatenations	1	Assume Silicone	Off	
Filter	Raw filter, Prescan Normalize			
Coil elements	HEA;HEP	? Ref. amplitude 1H	0.000 V	
Contrast		Adjustment Tolerance	Auto	
MTC	Off	Adjust volume		
	=	Position	R3.0 A12.0 F18.0	
Magn. preparation	T2 sel. IR	Orientation	Sagittal	
ŢI	1800 ms	Rotation	12.50 deg	
Fat suppr.	None	F >> H	192 mm	
Water suppr.	None	A >> P	192 mm	
Restore magn.	Off	R >> L	176 mm	
Reconstruction	Magnitude	Physio		
Measurements	1	1st Signal/Mode	None	
Multiple series	Off	Dark blood	Off	
Resolution		Dark blood	OII	
Base resolution	192	Resp. control	Off	
Phase resolution	101 %	Inline		
Slice resolution	100 %		0#	
Phase partial Fourier	Allowed	Subtract	Off	
Slice partial Fourier	Off	Std-Dev-Sag	Off	
		Std-Dev-Cor	Off	
Interpolation	On	Std-Dev-Tra	Off	
PAT mode	GRAPPA	Std-Dev-Time	Off	
Accel. factor PE	2	MIP-Sag	Off	
Ref. lines PE	24	MIP-Cor	Off	
Accel. factor 3D	1	MIP-Tra	Off	
	•	MIP-Time	Off	
Matrix Coil Mode	Auto (Triple)	Save original images	On	
Reference scan mode	Integrated			
Image Filter	Off	Sequence		
Distortion Corr.	Off	Introduction	Off	
Unfiltered images	Off	Dimension	3D	
		1		

Bandwidth	651 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	3.56 ms
Adiabatic-mode	Off

Echo trains 147 Turbo factor Slice turbo factor 2 Echo trains per slice 1 Echo train duration 872 RF pulse type Normal Gradient mode Fast Excitation Non-sel. Flip angle mode T2 var