\\USER\UserProtocols\Emily\use_me_next_time\Localizer DLPFC

TA: 1:05 PAT: Off Voxel size: 1.0×1.0×5.0 mm Rel. SNR: 1.00 SIEMENS: tfl			
Properties		Interpolation	Off
Prio Recon	Off	PAT mode	None
Before measurement			
After measurement		Image Filter	Off
Load to viewer	On	Distortion Corr.	Off
Inline movie	Off	Prescan Normalize	Off
Auto store images	On	Normalize	Off
Load to stamp segments	Off	B1 filter	Off
Load images to graphic	Off	Raw filter	Off
segments		Elliptical filter	Off
Auto open inline display	Off	Geometry	
Start measurement without	Off	Multi-slice mode	Sequential
further preparation		Series	Ascending
Wait for user to start	Off		
Start measurements	single	Table position	Н
Deutine		Table position	0 mm
Routine		Inline Composing	Off
Slice group 1	0		5 11
Slices	9	System	
Dist. factor	200 %	V32	Off
Position	R7.2 A19.0 F6.3	A32	On
Orientation	Sagittal	Positioning mode	REF
Phase enc. dir.	A >> P	Positioning mode MSMA	S-C-T
Rotation	0.00 deg	_	
Slice group 2	_	Sagittal	R >> L
Slices	5	Coronal	A >> P
Dist. factor	80 %	Transversal	F >> H
Position	R8.2 A20.7 H10.1	Save uncombined	Off
Orientation	Transversal	Coil Combine Mode	Adaptive Combine
Phase enc. dir.	A >> P	AutoAlign	Default
Rotation	0.00 deg	Auto Coil Select	Default
Slice group 3	7	Shim mode	Tune up
Slices	7	Adjust with body coil	Off
Dist. factor	200 %	Confirm freq. adjustment	Off
Position	R8.2 A46.4 F8.3	Assume Silicone	Off
Orientation	Coronal	! Ref. amplitude 1H	220.000 V
Phase enc. dir.	R >> L	Adjustment Tolerance	Auto
Rotation	0.00 deg	Adjust volume	
Phase oversampling	0 %	Position	Isocenter
FoV read	200 mm	Orientation	Transversal
FoV phase	100.0 %	Rotation	0.00 deg
Slice thickness	5.0 mm	R >> L	350 mm
TR	3000 ms	A >> P	263 mm
TE Averages	3.17 ms	F >> H	350 mm
Concatenations	21	Physio	
Filter	None	1st Signal/Mode	None
Coil elements	A32		
Contrast	7102	Dark blood	Off
TD	0 ms	Resp. control	Off
Magn. preparation	Slice-sel. IR	Inlina	
TI	1100 ms	Inline Subtract	Off
Flip angle	6 deg		
Fat suppr.	None	Std-Dev-Sag	Off Off
Water suppr.	None	Std-Dev-Cor	Off Off
		Std-Dev-Tra	Off Off
Averaging mode	Long term	Std-Dev-Time	Off
Reconstruction	Magnitude	MIP-Sag	Off
Measurements	1	MIP-Cor	Off
Multiple series	Each measurement	MIP-Tra	Off
· ·		MIP-Time	Off
Resolution	102	Save original images	On
Base resolution Phase resolution	192 100 %	Commercia	
Phase resolution Phase partial Fourier	Off	Sequence	
I hase partial i oullet	Jii	1/+	

Introduction Dimension Asymmetric echo Bandwidth Flow comp. Echo spacing	On 2D Off 240 Hz/Px No 6.4 ms
RF pulse type	Normal
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On

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TA: 11:08	PAT: 3 Voxel size: 0.9	0×0.9×1.1 mm Rel. SNR: 1.00	UNKNOWN:
		I PAT mode	GRAPPA
Properties		Accel. factor PE	3
Prio Recon	Off	Ref. lines PE	48
Before measurement		Accel. factor 3D	1
After measurement	0.5	Ref. lines 3D	24
Load to viewer Inline movie	On Off	Reference scan mode	Separate
Auto store images	On	Prescan Normalize	Off
Load to stamp segments	Off	Raw filter	Off
Load images to graphic	Off	Elliptical filter	Off
segments	5	Hamming	Off
Auto open inline display	Off		.
Start measurement without	On	Geometry	
further preparation		Multi-slice mode	Interleaved
Wait for user to start	Off	Series	Ascending
Start measurements	single	Special sat.	Parallel F
Routine		Gap	25.0 mm
Slab group 1		—— Thickness	100 mm
Slab gloup 1 Slabs	1	Table position	 Н
Dist. factor	50 %	Table position Table position	П 0 mm
Position	R1.9 A26.7 H33.2	Inline Composing	Off
Orientation	Transversal	I milite Composing	Oli
Phase enc. dir.	P >> A	System	
Rotation	180.00 deg	V32	Off
Phase oversampling	0 %	A32	On
Slice oversampling	9.1 %	Positioning mode	FIX
Slices per slab	22	MSMA	S - C - T
FoV read	150.0 mm	Sagittal	R >> L
FoV phase	100.0 %	Coronal	A >> P
Slice thickness	1.10 mm	Transversal	F >> H
TR	2006.00 ms	Save uncombined	Off
TE	20 ms	Coil Combine Mode	Sum of Squares
Averages	1	AutoAlign	
Concatenations	1	Auto Coil Select	Default
Filter	None	Shim mode	Standard
Coil elements	A32	Adjust with body coil	Off
Contrast		Confirm freq. adjustment	Off
Perfusion mode	SS-SI VASO	Assume Silicone	Off
TI2	700 ms	! Ref. amplitude 1H	220.000 V
TI1	50 ms	Adjustment Tolerance	Auto
TI1s	50 ms	Adjust volume	
Flip angle	4 deg	! Position	L2.4 A26.9 H26.4
Fat suppr.	Fat sat.	! Orientation	T > C0.2
Fat sat. mode	Weak	! Rotation	0.00 deg
Averaging mode	Long term	! R >> L	120 mm
Reconstruction	Magnitude	! A >> P	152 mm
Measurements	333	! F >> H	50 mm
Delay in TR	0 ms	Physio	
Multiple series	Off	1st Signal/Mode	None
Perfusion mode	PICORE Q2T		
Inversion time 1	50 ms	BOLD	0"
Saturation stop time	50 ms	Motion correction	Off
Inversion time 2	700.0 ms	Spatial filter	Off
Flow limit	100 cm/s	Sequence	
	.00 00	Introduction	On
Resolution	100	Dimension	3D
Base resolution	162	Reordering	Linear
Phase resolution	100 %	Contrasts	1
Slice resolution	100 %	Bandwidth	1144 Hz/Px
Phase partial Fourier	6/8 Off	Free echo spacing	Off
Slice partial Fourier	Off Off	Echo spacing	0.98 ms
Interpolation	OII		

EPI factor

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RF pulse type Gradient mode Excitation RF spoiling	Normal Fast Slab-sel. On
Ampl BWDTH ph.skip 4 Robert (the one) use Ernst angle Maxwell Correction log physio files FFT scale dummy prepscan time z shim RF duration RF BWTP Renzo: Delta TI EFFECTIVE TR PatPartitions EPI phase correction PAT refscan mode FlashRef BaseRes FlashRef BW FlashRef TE FlashRef FA use CAIPI	100 150 3.1kHz 30 Off Off Off Off 1.00 3 s 0.00 mT/m*ms 2000 us 25.0 51 ms 48144 ms 24 local Flash 162 141 Hz/px 4800 us 5 deg Off

\\USER\UserProtocols\Emily\use_me_next_time\MP2RAGE_slab_0.4x04x1.2_T1

USER: tfl_wip900b17a

Voxel size: 0.4×0.4×1.2 mm Rel. SNR: 1.00

TA: 2:26

Properties		Distortion Corr.	Off
•	0"	Prescan Normalize	Off
Prio Recon	Off	Raw filter	Off
Before measurement		Elliptical filter	Off
After measurement		Emption moi	O.I.
Load to viewer	On	Geometry	
Inline movie	Off	Multi-slice mode	Single shot
Auto store images	On	Series	Interleaved
		Series	
Load to stamp segments	Off		
Load images to graphic	Off	Table position	Н
segments		Table position	0 mm
Auto open inline display	Off	Inline Composing	Off
Start measurement without	On	1	3
further preparation	.	System	
	Off	V32	Off
Wait for user to start		A32	On
Start measurements	single	7.02	
Routine		Positioning mode	FIX
		MSMA	S - C - T
Slab group 1			R >> L
Slabs	1	Sagittal	
Dist. factor	50 %	Coronal	A >> P
Position	R30.1 P0.3 H28.1	Transversal	F >> H
Orientation	T > S30.8 > C-11.5	Save uncombined	Off
		Coil Combine Mode	Adaptive Combine
Phase enc. dir.	R >> L	AutoAlign	
Rotation	60.00 deg		Default
Phase oversampling	0 %	Auto Coil Select	Default
Slice oversampling	0.0 %	Shim mode	Standard
Slices per slab	32	Adjust with body coil	
FoV read	140 mm		Off
FoV phase	100.0 %	Confirm freq. adjustment	Off
•		Assume Silicone	Off
Slice thickness	1.20 mm	! Ref. amplitude 1H	277.000 V
TR	6000 ms	Adjustment Tolerance	Auto
TE	4.23 ms	Adjust volume	71010
Averages	1		D00 7 47 7 1100 0
Concatenations	1	! Position	R26.7 A7.7 H20.0
Filter	None	! Orientation	Transversal
		! Rotation	0.00 deg
Coil elements	A32	! R >> L	89 mm
Contrast		! A >> P	64 mm
	Nam and ID	! F >> H	58 mm
Magn. preparation	Non-sel. IR	1 ->11	30 111111
TI 1	900 ms	Physio	
TI 2	2900 ms	1st Signal/Mode	None
Flip angle 1	6 deg		
Flip angle 2	7 deg	Dark blood	Off
Fat suppr.	None		
	None	Resp. control	Off
Water suppr.			
2nd Inversion Contrast	On	Composing	
Averaging mode	Long term	Sequence	
Averaging mode	Long term		
Reconstruction	Magn./Phase	Introduction	On
Measurements	1	Dimension	3D
Multiple series	Each measurement	Elliptical scanning	Off
·		Asymmetric echo	Off
Resolution		— Contrasts	1
Base resolution	320	Bandwidth	-
Phase resolution	100 %		190 Hz/Px
Slice resolution	100 %	Flow comp.	No
	Off	Echo spacing	8.6 ms
Phase partial Fourier	-	DE .	
Slice partial Fourier	6/8	RF pulse type	Fast
DAT mode	CDADDA	Gradient mode	Fast
PAT mode	GRAPPA	Excitation	Slab-sel.
Accel. factor PE	2	RF spoiling	On
Ref. lines PE	24		
Accel. factor 3D	1	FFT Scale Factor	150 %
Reference scan mode	Integrated	Morphometry Analysis	Off
Notoronoc ocan mode	ogratou	FID MoCo Logging	Off
		FIL) MOCO LOGGING	

LIN/PAR Swap	On
Ext. INV Pulse	On
Flip Angle	1400
Phase Filter	0 px
Uniform Image	On
Head Mask on UNI	Off
T1 Map	On
Complex Div. Image	On
Denoise Weighting	150
FLAWS	Off