\\USER\Feinberglab\Sam\MP2_test1\mp2rage_0.7mm_TR4500

TA: 9:06 PAT: 3	Voxel size: 0.7×0.7×0.7 mm	Rel. SNR: 1.00 USE	R: mp2rage_wip602B
D (Image Filter	Off
Properties		Distortion Corr.	Off
Prio Recon	Off	Prescan Normalize	Off
Before measurement		Normalize	Off
After measurement			_
Load to viewer	On	B1 filter	Off
Inline movie	Off	Raw filter	Off
Auto store images	On	Elliptical filter	Off
		Coomotry	
Load to stamp segments	Off	Geometry	O'mala ahat
Load images to graphic	Off	Multi-slice mode	Single shot
segments		Series	Interleaved
Auto open inline display	Off		
Start measurement without	On	Table position	Н
further preparation		Table position	0 mm
Wait for user to start	On	Inline Composing	Off
Start measurements	single		
	3 -	System	
Routine		T1	On
Slab group 1		M2	On
Slabs	1	B4	On
Dist. factor	50 %	M3	On
Position	L1.2 A29.6 F9.9	V32	Off
Orientation	Sagittal	v <u> </u>	
Phase enc. dir.	H >> F	Positioning mode	FIX
Rotation	90.00 deg	MSMA	S - C - T
		Sagittal	R >> L
Phase oversampling	0 %	Coronal	A >> P
Slice oversampling	7.1 %	Transversal	F >> H
Slices per slab	224	Save uncombined	Off
FoV read	224 mm		
FoV phase	90.6 %	Coil Combine Mode	Adaptive Combine
Slice thickness	0.70 mm	AutoAlign	
TR	4500 ms	Auto Coil Select	Default
TE	3.37 ms	Shim mode	Standard
Averages	1		Standard
Concatenations	1	Adjust with body coil	Off
	None	Confirm freq. adjustment	Off
Filter	None	Assume Silicone	Off
Coil elements	B4;M2,3;T1	! Ref. amplitude 1H	230.000 V
Contrast		Adjustment Tolerance	Auto
Magn. preparation	Non-sel. IR	Adjust volume	
		. Position	L1.9 A24.9 F9.3
TI 1	1000 ms	! Orientation	Sagittal
TI 2	3200 ms	! Rotation	0.00 deg
Flip angle 1	4 deg	! F >> H	108 mm
Flip angle 2	4 deg		
Fat suppr.	Water excit. fast	! A >> P	160 mm
Water suppr.	None	! R >> L	127 mm
2nd Inversion-Contrast	On	Physio	
		1st Signal/Mode	None
Averaging mode	Long term	i st Signal/ivioue	INCHE
Reconstruction	Magnitude	Dark blood	Off
Measurements	1		
Multiple series	Each measurement	Resp. control	Off
		Inline	
Resolution			Off
Base resolution	320	Subtract	Off Off
Phase resolution	100 %	Std-Dev-Sag	Off
Slice resolution	100 %	Std-Dev-Cor	Off
Phase partial Fourier	Off	Std-Dev-Tra	Off
Slice partial Fourier	6/8	Std-Dev-Time	Off
Interpolation	Off	MIP-Sag	Off
	OII	MIP-Cor	Off
PAT mode	GRAPPA	MIP-Tra	Off
Accel. factor PE	3		
Ref. lines PE	36	MIP-Time	Off
	30 4	Save original images	On
Accel. factor 3D	l late syste d		
Reference scan mode	Integrated	Sequence	
1			

Introduction	On
Dimension	3D
Elliptical scanning	Off
Asymmetric echo	Off
Contrasts	1
Bandwidth	200 Hz/Px
Flow comp.	Slice
Echo spacing	8.3 ms
RF pulse type	Fast
Gradient mode	Fast
Excitation	Non-sel.
RF spoiling	On
FFT Scale Factor	200 %
Line/Partition Swap	Off
Homodyne Phase Filter	Off
Flat Image	On
T1 Map	On
Division Image	Off
ExtInvPulseOn	On
OffResFreqInv	0
Invflipangle	970

 $\verb|\USER\Feinberglab\Sam\MP2_test1\mp2rage_0.7mm_TR6000_NIH| \\$

		Image Filter	Off
roperties	0"	Distortion Corr.	Off
Prio Recon	Off	Prescan Normalize	Off
Before measurement		Normalize	Off
After measurement		B1 filter	Off
Load to viewer	On	Raw filter	Off
Inline movie	Off	Elliptical filter	Off
Auto store images	On	i ·	
Load to stamp segments	Off	Geometry	
Load images to graphic	Off	Multi-slice mode	Single shot
segments		Series	Interleaved
Auto open inline display	Off		
Start measurement without	On	Table position	Н
further preparation	_	Table position	0 mm
Wait for user to start	On	Inline Composing	Off
Start measurements	single	System	
utine		T1	On
Slab group 1		 M2	On
Slabs	1	B4	On
Dist. factor	50 %	M3	On
Position	L1.2 A29.6 F9.9	V32	Off
Orientation	Sagittal		
Phase enc. dir.	A >> P	Positioning mode	FIX
Rotation	0.00 deg	MSMA	S - C - T
Phase oversampling	0 %	Sagittal	R >> L
Slice oversampling	7.1 %	Coronal	A >> P
Slices per slab	224	Transversal	F >> H
FoV read	224 mm	Save uncombined	Off
FoV phase	100.0 %	Coil Combine Mode	Adaptive Combine
Slice thickness	0.70 mm	AutoAlign	
TR	6000 ms	Auto Coil Select	Default
TE	2.96 ms	Shim mode	Standard
Averages	1		Off
Concatenations	1	Adjust with body coil Confirm freq. adjustment	
Filter	None	Assume Silicone	Off
Coil elements	B4;M2,3;T1		Off
Con diamenta	51,112,0,11	! Ref. amplitude 1H	250.000 V
ontrast		Adjustment Tolerance	Auto
Magn. preparation	Non-sel. IR	Adjust volume	140 404 0 50 0
TI 1	800 ms	! Position	L1.9 A24.9 F9.3
TI 2	2700 ms	! Orientation	Sagittal
Flip angle 1	4 deg	! Rotation	0.00 deg
Flip angle 2	5 deg	! F >> H	108 mm
Fat suppr.	None	! A >> P	160 mm
Water suppr.	None	! R >> L	127 mm
2nd Inversion-Contrast	On	Physio	
Averaging mode	Long term	1st Signal/Mode	None
Reconstruction	Magnitude	Dark blood	Off
Measurements	1		
Multiple series	Each measurement	Resp. control	Off
esolution		Inline	
Base resolution	320	Subtract	Off
Phase resolution	100 %	Std-Dev-Sag	Off
Slice resolution	100 %	Std-Dev-Cor	Off
Phase partial Fourier	6/8	Std-Dev-Tra	Off
Slice partial Fourier	6/8	Std-Dev-Time	Off
Interpolation	Off	MIP-Sag	Off
	OII	MIP-Cor	Off
PAT mode	GRAPPA	MIP-Tra	Off
Accel. factor PE	3	MIP-Time	Off
Ref. lines PE	32	Save original images	On
Accel. factor 3D	1		

Introduction Dimension Elliptical scanning Asymmetric echo Contrasts Bandwidth Flow comp.	On 3D Off Off 1 240 Hz/Px No
Echo spacing	6.9 ms
RF pulse type Gradient mode Excitation RF spoiling	Fast Fast Non-sel. On
FFT Scale Factor Line/Partition Swap Homodyne Phase Filter Flat Image T1 Map Division Image ExtInvPulseOn OffResFreqInv Invflipangle	200 % Off Off On On Off On Off On 700

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mp2rage_0.7mm_TR6000_NIH