

SIEMENS MAGNETOM TrioTim syngo MR 2006T

\\USER\\ADNI\\ADNI-related\\Human Protocol\\localizer
 TA: 9.2 [s] PAT: Off Voxel size: 2.2x1.1x10.0 [mm] Rel. SNR: 1.00 SIEMENS: gre

Routine		Saturation mode	Standard	
Slice group 1		Special sat.	None	
Slices	1	System		
Dist. factor	20 [%]	Body	Off	
Position	Isocenter	HEP	On	
Orientation	Sagittal	HEA	On	
Phase enc. dir.	A >> P	Save uncombined		
Rotation	0 [deg]	Scan at current TP	Off	
Slice group 2		MSMA	On	
Slices	1	Sagittal	S - C - T	
Dist. factor	20 [%]	Coronal	R >> L	
Position	Isocenter	Transversal	A >> P	
Orientation	Transversal		F >> H	
Phase enc. dir.	A >> P	Shim mode	Tune up	
Rotation	0 [deg]	Adjust with body coil	On	
Slice group 3		Confirm freq. adjustment	Off	
Slices	1	Assume Silicone	Off	
Dist. factor	20 [%]	Ref. amplitude [1H]	180.000 [V]	
Position	Isocenter	Adjust volume		
Orientation	Coronal	Position	Isocenter	
Phase enc. dir.	R >> L	Orientation	Transversal	
Rotation	0 [deg]	Rotation	0 [deg]	
Phase oversampling	0 [%]	R >> L	350 [mm]	
FoV read	280 [mm]	A >> P	263 [mm]	
FoV phase	100.0 [%]	F >> H	350 [mm]	
Slice thickness	10 [mm]	Physio		
TR	20 [ms]	Tagging	None	
TE	5 [ms]	Dark blood	Off	
Averages	1	Resp. control		
Concatenations	3		Off	
Filter	Elliptical filter	Inline		
Coil elements	HEA;HEP	Subtract	0	
Contrast		Std-Dev-Sag	0	
TD	0 [ms]	Std-Dev-Cor	0	
MTC	Off	Std-Dev-Tra	0	
Magn. preparation	None	Std-Dev-Time	0	
Flip angle	40 [deg]	MIP-Sag	0	
Reconstruction	Magnitude	MIP-Cor	0	
Fat suppr.	None	MIP-Tra	0	
Water suppr.	None	MIP-Time	0	
Measurements	1	Save original images	1	
Resolution		Wash		
Base resolution	256	Wash - In	0	
Phase resolution	50 [%]	Wash - Out	0	
Phase partial Fourier	Off	TTP	0	
Filter 1		PEI	0	
Raw filter	Off	MIP - time	0	
Filter 2		Sequence		
Large FoV	Off	Introduction	On	
Filter 3		Dimension	2D	
Prescan Normalize	Off	Phase stabilisation	Off	
Filter 4		Averaging mode	Short term	
Normalize	Off	Asymmetric echo	Off	
Filter 5		Contrasts	1	
Elliptical filter	On	Bandwidth	180 [Hz/Px]	
Interpolation	On	Flow comp.	No	
PAT mode	None	Allowed delay	0 [s]	
Matrix Coil Mode	Auto (CP)	Segments		
Geometry		RF pulse type	1	
Multi-slice mode	Sequential	Gradient mode	Fast	
Series	Interleaved	Excitation	Normal	
		RF spoiling	Slice-sel.	
			On	

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TA: 9:14 PAT: Off Voxel size: 1.0x1.0x1.2 [mm] Rel. SNR: 1.00 SIEMENS: tfl

Routine	Sagittal	R >> L
Slab group 1	Coronal	A >> P
Slabs	Transversal	F >> H
Dist. factor	Shim mode	Standard
Position	Adjust with body coil	Off
Orientation	Confirm freq. adjustment	Off
Phase enc. dir.	Assume Silicone	Off
Rotation	Ref. amplitude [1H]	180.000 [V]
Phase oversampling	Adjust volume	
Slice oversampling	Position	Isocenter
Slices per slab	Orientation	Sagittal
FoV read	Rotation	0 [deg]
FoV phase	F >> H	256 [mm]
Slice thickness	A >> P	240 [mm]
TR	R >> L	192 [mm]
TE		
Averages	Physio	
Concatenations	Dark blood	Off
Filter	Resp. control	Off
Coil elements		
Contrast	Inline	
Magn. preparation	Subtract	0
TI	Std-Dev-Sag	0
Flip angle	Std-Dev-Cor	0
Reconstruction	Std-Dev-Tra	0
Fat suppr.	Std-Dev-Time	0
Water suppr.	MIP-Sag	0
Measurements	MIP-Cor	0
	MIP-Tra	0
	MIP-Time	0
	Save original images	1
Resolution	Sequence	
Base resolution	Introduction	On
Phase resolution	Dimension	3D
Slice resolution	Elliptical scanning	Off
Phase partial Fourier	Averaging mode	Long term
Slice partial Fourier	Asymmetric echo	Off
Filter 1	Bandwidth	240 [Hz/Px]
Raw filter	Flow comp.	No
Filter 2	Echo spacing	7.1 [ms]
Large FoV		
Filter 3	RF pulse type	Fast
Prescan Normalize	Gradient mode	Normal
Unfiltered images	Excitation	Non-sel.
Filter 4	RF spoiling	On
Normalize		
Filter 5		
Elliptical filter		
Interpolation		
PAT mode		
Matrix Coil Mode		
Geometry		
Multi-slice mode	Single shot	
Series	Interleaved	
System		
Body	Off	
HEP	On	
HEA	On	
Save uncombined		
Scan at current TP		
Scan region position	H	
Scan region position	0 [mm]	
MSMA	S - C - T	

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TA: 9:14 PAT: Off Voxel size: 1.0x1.0x1.2 [mm] Rel. SNR: 1.00 SIEMENS: tfl

Routine		Sagittal	R >> L
Slab group 1		Coronal	A >> P
Slabs	1	Transversal	F >> H
Dist. factor	50 [%]	Shim mode	Standard
Position	Isocenter	Adjust with body coil	Off
Orientation	Sagittal	Confirm freq. adjustment	Off
Phase enc. dir.	A >> P	Assume Silicone	Off
Rotation	0 [deg]	Ref. amplitude [1H]	180.000 [V]
Phase oversampling	0 [%]	Adjust volume	
Slice oversampling	0 [%]	Position	Isocenter
Slices per slab	160	Orientation	Sagittal
FoV read	256 [mm]	Rotation	0 [deg]
FoV phase	93.8 [%]	F >> H	256 [mm]
Slice thickness	1.2 [mm]	A >> P	240 [mm]
TR	2300 [ms]	R >> L	192 [mm]
TE	2.96 [ms]		
Averages	1		
Concatenations	1		
Filter	Prescan Normalize		
Coil elements	HEA;HEP		
Contrast		Physio	
Magn. preparation	Non-sel. IR	Dark blood	Off
TI	900 [ms]	Resp. control	Off
Flip angle	9 [deg]		
Reconstruction	Magnitude		
Fat suppr.	None		
Water suppr.	None		
Measurements	1		
Resolution		Inline	
Base resolution	256	Subtract	0
Phase resolution	100 [%]	Std-Dev-Sag	0
Slice resolution	100 [%]	Std-Dev-Cor	0
Phase partial Fourier	Off	Std-Dev-Tra	0
Slice partial Fourier	Off	Std-Dev-Time	0
Filter 1		MIP-Sag	0
Raw filter	Off	MIP-Cor	0
Filter 2		MIP-Tra	0
Large FoV	Off	MIP-Time	0
Filter 3		Save original images	1
Prescan Normalize	On		
Unfiltered images	Off		
Filter 4			
Normalize	Off	Sequence	
Filter 5		Introduction	On
Elliptical filter	Off	Dimension	3D
Interpolation	Off	Elliptical scanning	Off
PAT mode	None	Averaging mode	Long term
Matrix Coil Mode	Triple	Asymmetric echo	Off
		Bandwidth	240 [Hz/Px]
		Flow comp.	No
		Echo spacing	7.1 [ms]
		RF pulse type	Fast
		Gradient mode	Normal
		Excitation	Non-sel.
		RF spoiling	On
Geometry			
Multi-slice mode	Single shot		
Series	Interleaved		
System			
Body	Off		
HEP	On		
HEA	On		
Save uncombined	Off		
Scan at current TP	Off		
Scan region position	H		
Scan region position	0 [mm]		
MSMA	S - C - T		

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\USER\ADNI\ADNI-related\Human Protocol\Axial PD-T2 TSE

TA: 5:08 PAT: Off Voxel size: 0.9x0.9x3.0 [mm] Rel. SNR: 1.00 SIEMENS: tse

Routine		Sagittal	R >> L
Slice group 1		Coronal	A >> P
Slices	48	Transversal	F >> H
Dist. factor	0 [%]	Shim mode	Standard
Position	L0.0 A30.0 H0.0 [mm]	Adjust with body coil	Off
Orientation	Transversal	Confirm freq. adjustment	Off
Phase enc. dir.	R >> L	Assume Silicone	Off
Rotation	90 [deg]	Ref. amplitude [1H]	180.000 [V]
Phase oversampling	0 [%]	Adjust volume	
FoV read	240 [mm]	Position	L0.0 A30.0 H0.0 [mm]
FoV phase	89.1 [%]	Orientation	Transversal
Slice thickness	3 [mm]	Rotation	90 [deg]
TR	3000 [ms]	A >> P	240 [mm]
TE[1]	12 [ms]	R >> L	214 [mm]
TE[2]	98 [ms]	F >> H	144 [mm]
Averages	1		
Concatenations	3		
Filter	Prescan Normalize, Elliptical filter	Physio	
Coil elements	HEA;HEP	Dark blood	Off
Contrast		Resp. control	Off
TD	0 [ms]	Inline	
MTC	Off	Subtract	0
Magn. preparation	None	Std-Dev-Sag	0
Flip angle	150 [deg]	Std-Dev-Cor	0
Reconstruction	Magnitude	Std-Dev-Tra	0
Fat suppr.	None	Std-Dev-Time	0
Fat sat. mode	Strong	MIP-Sag	0
Water suppr.	None	MIP-Cor	0
Measurements	1	MIP-Tra	0
		MIP-Time	0
		Save original images	1
Resolution		Sequence	
Base resolution	256	Introduction	On
Phase resolution	100 [%]	Dimension	2D
Phase partial Fourier	Off	Compensate T2 decay	Off
Filter 1		Averaging mode	Long term
Raw filter	Off	Contrasts	2
Filter 2		Bandwidth	181 [Hz/Px]
Large FoV	Off	Flow comp.	No
Filter 3		Allowed delay	30 [s]
Prescan Normalize	On	Echo spacing	12.3 [ms]
Unfiltered images	Off		
Filter 4		Turbo factor	7
Normalize	Off	RF pulse type	Low SAR
Filter 5		Gradient mode	Fast
Elliptical filter	On	Hyperecho	Off
Interpolation	Off		
PAT mode	None		
Matrix Coil Mode	Auto (CP)		
Geometry			
Multi-slice mode	Interleaved		
Series	Interleaved		
Special sat.	None		
System			
Body	Off		
HEA	On		
HEP	On		
Save uncombined	Off		
Scan at current TP	On		
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