SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

VASO compillation version: VASO_122

\\USER\UserProtocols\Renzo\V1_template\22_slices_isotropic_TR5s							
TA: 7.6 s	PAT: 3	Voxel size: 0.8×0.8×0.8 mm	Rel. SNR: 1.00	UNKNOWN:			

Properties			I PAT mode	GRAPPA
Prio Recon				
Before measurement Alter measurement Load to viewer		Off		
After measurement Load to viewer On Prescan Normalize Off				
Inline movie				24
Auto store images			Reference scan mode	Separate
Load to stamp segments				O#
Load images to graphic segments Auto open inline display Start measurement without further preparation Walt for user to start Start measurements Single Special sat. Parallel F Special sat. Spec				
Segments				
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Multi-sice mode				
Walt for user to start Off Start measurements Single Start measurements Start measureme				
Side group 1		Off	Series	Ascending
Siab group 1	Start measurements	single	Special sat.	Parallel F
Slab group Sla	Poutino	-	1 .	25.0 mm
Salabs				100 mm
Dist factor		1	Table position	
Position				
Orientation T > C-31-2 System Phase enc. dir. A > P Y32 Off Phase oversampling 24 % A32 On Slice oversampling 9.1 % Positioning mode FIX Slice oversampling 9.1 % Positioning mode FIX Slice oversampling 9.1 % Positioning mode FIX Slice oversampling 9.1 % MSMA S - C - T Slice oversampling 9.1 % MSMA S - C - T Slice by Slice thickness 10.0 % Coronal A > P Flov phase 10.0 % Coronal A > P TE 25 ms Col Combine Mode Sum of Squares TE 25 ms AutoAlign Off Averages 1 AutoAlign AutoAlign Off Contrast Asseme Silicone Off Assume Silicone Off Contrast For So ms Alcoalign AutoAlign Off T11 50 ms Alcoalign AutoAlign Off <td></td> <td></td> <td></td> <td>-</td>				-
Phase enc. dir. A >> P System				Oii
Rotation				
Phase oversampling	Rotation	-0.00 deg		
Silce oversampling	Phase oversampling		A32	On
Silices per slab 22		9.1 %	Positioning mode	FIX
FoV read	Slices per slab	22		
FoV phase 100.0 % Coronal A >> P		130.0 mm	_	
TR				A >> P
TE			Transversal	F >> H
Averages			Save uncombined	Off
Concatenations Filter None Auto Coil Select Default			Coil Combine Mode	Sum of Squares
Filter		1	AutoAlign	
Coil elements A32 Shim mode Adjust with body coil Off Off Off Off Off Off Off Off Off Of		1 Name	Auto Coil Select	Default
Contrast Adjust with body coil Off Perfusion mode SS-SI VASO Confirm freq, adjustment Off T12 700 ms I Ref. amplitude 1H 220.000 V T11 5 50 ms Adjustment Tolerance Auto T11s 5 50 ms Adjust volume I Position I socenter Filp angle 4 deg I Position I socenter I Position I socenter Fat suppr. Fat sat. I Orientation Transversal I Position			Shim mode	Standard
Perfusion mode	Con elements	A32		
Perfusion mode	Contrast			=
Til2				
Til				220.000 V
Flip angle			•	Auto
Fat suppr. Fat sat. ! Orientation Isocenter Fat sat. mode Strong ! Rotation 90.00 deg Averaging mode Long term ! Rotation 90.00 deg Averaging mode Long term ! Rotation 90.00 deg ! Rotation 90.00 deg 178 mm ! Rotation 90.00 deg 178 mm ! Rotation 133 mm 182 mm Physio Physio Physio Inversion mode PICORE Q2T Physio Inversion time 1 50 ms BOLD Inversion time 2 700.0 ms Physio Inversion time 2 700.0 ms Sequence Inversion time 2 700.0 ms Sequence Resolution Inversion time 2 Tomes in a physical filter Inversion time 2 700.0 ms Sequence Inversion time 3 Inversion time 4 Inversion time 5 Inversion time 5 Inversion time 6 Inversion time 7 Inversion time 1 Inversion time 9 Inversion time 1 <tr< td=""><td></td><td></td><td>Adjust volume</td><td></td></tr<>			Adjust volume	
Fat sat. mode	1 . •	•	! Position	Isocenter
Averaging mode	• •		! Orientation	Transversal
Reconstruction Magnitude I R >> L 133 mm	Fat sat. mode	Strong		•
Perfusion mode	Averaging mode	Long term		
Delay in TR	Reconstruction	Magnitude		
Multiple series Off Ist Signal/Mode None Perfusion mode PICORE Q2T Inversion time 1 Saturation stop time Inversion time 2 Flow limit Base resolution Base resolution Phase resolution Slice resolution Phase partial Fourier Slice partial Fourier Interpolation Off Ist Signal/Mode None BOLD Motion correction Spatial filter Off Sequence Introduction Dimension Spatial Fourier Off Seordering Contrasts 1 Bandwidth 1028 Hz/Px Free echo spacing Off Echo spacing 1.1 ms		- -	! F >> H	22 mm
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Perfusion mode	Multiple series	Off	•	None
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Saturation stop time 50 ms Spatial filter Off Inversion time 2 700.0 ms Flow limit 100 cm/s Resolution Introduction On Dimension 3D Reordering Linear Phase resolution 100 % Slice resolution 100 % Phase partial Fourier 6/8 Slice partial Fourier Off Interpolation Off Sequence Introduction On Dimension 3D Reordering Linear Contrasts 1 Bandwidth 1028 Hz/Px Free echo spacing Off Echo spacing 1.1 ms Interpolation Off Interpolation Off Interpolation Off Interpolation Interpolation				Off
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Resolution Base resolution Phase resolution Slice resolution Phase partial Fourier Slice partial Fourier Interpolation Dimension Reordering Contrasts 1 Bandwidth 1028 Hz/Px Free echo spacing Free echo spacing Echo spacing 1.1 ms	Flow limit	100 cm/s		
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Slice resolution 100 % Phase partial Fourier 6/8 Slice partial Fourier Off Interpolation Off Slice resolution 100 % Bandwidth 1028 Hz/Px Free echo spacing Off Echo spacing 1.1 ms			<u> </u>	
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Slice partial Fourier Off Echo spacing 1.1 ms Interpolation Off				
Interpolation Off				
			Lono spacing	1.1 IIIƏ
			EPI factor	162

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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 FA use CAIPI	150 125 3.1kHz 1 Off Off Off Off 3.00 3 s 0.00 mT/m*ms 2000 us 25.0 74 ms 60192 ms 24 local Flash 162 100 Hz/px 8000 us 5 deg Off