SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

\\USER\UserProtocols\Merriam\VASO	nlayground\26	elicae aceym	TR5e Version	120 DNIM
NOSER OSEIT IOLOCOIS IVIEITIAITIVASO	piavuruuriu\zo	SIICES ASSVIII	INDS VEISION	I IZO DINIVI

TA: 25:41 PAT: 3 Voxel size: 0.8x0.8x0.8 mm Rel. SNR: 1.00 USER: VASO_124

Properties		PAT mode Accel. factor PE	GRAPPA 3
Prio Recon	Off	Ref. lines PE	45
Before measurement		Accel. factor 3D	1
After measurement		Ref. lines 3D	22
Load to viewer	On O#	Reference scan mode	Separate
Inline movie	Off	Dungana Namaralina	O#
Auto store images	On Off	Prescan Normalize	Off Off
Load to stamp segments	Off	Raw filter	Off
Load images to graphic	Oli	Elliptical filter	Off Off
segments Auto open inline display	Off	Hamming	Oil
Start measurement without	On	Geometry	
further preparation	Oli	Multi-slice mode	Interleaved
Wait for user to start	Off	Series	Ascending
Start measurements	single	Chasial ant	Develled C
Start measurements	Sirigle	Special sat.	Parallel F
Routine Slab group 1		Gap Thickness	25.0 mm 100 mm
Slabs	1	Table a salitan	
Dist. factor	50 %	Table position Table position	H 0 mm
Position	R7.9 A25.9 F5.7		0 mm Off
Orientation	Transversal	Inline Composing	Oli
Phase enc. dir.	A >> P	System	
Rotation	0.00 deg	V32	Off
Phase oversampling	0.00 deg 0 %	A32	On
Slice oversampling	7.7 %		
Slices per slab	26	Positioning mode	REF
FoV read	133.0 mm	MSMA	S-C-T
FoV phase	133.3 %	Sagittal	R >> L
Slice thickness	0.82 mm	Coronal	A >> P
TR	2736.60 ms	Transversal	F >> H
TE	24 ms	Save uncombined	Off
Averages	1	Coil Combine Mode	Sum of Squares
Concatenations	1	AutoAlign	
Filter	None	Auto Coil Select	Default
Coil elements	A32	Shim mode	Standard
Oon elements	702	Adjust with body coil	Off
Contrast		Confirm freq. adjustment	Off
Perfusion mode	SS-SI VASO	Assume Silicone	Off
TI2	650 ms	! Ref. amplitude 1H	220.000 V
TI1	50 ms	Adjustment Tolerance	Auto
TI1s	50 ms	Adjust volume	. 1010
Flip angle	26 deg	! Position	L0.0 A30.0 F1.4
Fat suppr.	Fat sat.	! Orientation	T > C0.2
Fat sat. mode	Ctrong		
	Strong	! Rotation	
Averaging mode			90.00 deg 178 mm
Averaging mode	Long term	! Rotation	90.00 deg
Reconstruction	Long term Magnitude	! Rotation ! A >> P	90.00 deg 178 mm
Reconstruction Measurements	Long term Magnitude 563	! Rotation ! A >> P ! R >> L ! F >> H	90.00 deg 178 mm 133 mm
Reconstruction Measurements Delay in TR	Long term Magnitude 563 0 ms	! Rotation ! A >> P ! R >> L ! F >> H	90.00 deg 178 mm 133 mm 39 mm
Reconstruction Measurements	Long term Magnitude 563	! Rotation ! A >> P ! R >> L ! F >> H	90.00 deg 178 mm 133 mm
Reconstruction Measurements Delay in TR Multiple series Perfusion mode	Long term Magnitude 563 0 ms	! Rotation ! A >> P ! R >> L ! F >> H	90.00 deg 178 mm 133 mm 39 mm
Reconstruction Measurements Delay in TR Multiple series	Long term Magnitude 563 0 ms Off	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD	90.00 deg 178 mm 133 mm 39 mm
Reconstruction Measurements Delay in TR Multiple series Perfusion mode	Long term Magnitude 563 0 ms Off	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction	90.00 deg 178 mm 133 mm 39 mm
Reconstruction Measurements Delay in TR Multiple series Perfusion mode Inversion time 1	Long term Magnitude 563 0 ms Off PICORE Q2T 50 ms	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction Spatial filter	90.00 deg 178 mm 133 mm 39 mm
Reconstruction Measurements Delay in TR Multiple series Perfusion mode Inversion time 1 Saturation stop time	Long term Magnitude 563 0 ms Off PICORE Q2T 50 ms 50 ms	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction Spatial filter Sequence	90.00 deg 178 mm 133 mm 39 mm None
Reconstruction Measurements Delay in TR Multiple series Perfusion mode Inversion time 1 Saturation stop time Inversion time 2 Flow limit	Long term Magnitude 563 0 ms Off PICORE Q2T 50 ms 50 ms 650.0 ms	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction Spatial filter Sequence Introduction	90.00 deg 178 mm 133 mm 39 mm None
Reconstruction Measurements Delay in TR Multiple series Perfusion mode Inversion time 1 Saturation stop time Inversion time 2 Flow limit Resolution	Long term Magnitude 563 0 ms Off PICORE Q2T 50 ms 50 ms 650.0 ms 100 cm/s	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction Spatial filter Sequence Introduction Dimension	90.00 deg 178 mm 133 mm 39 mm None Off Off Off On 3D
Reconstruction Measurements Delay in TR Multiple series Perfusion mode Inversion time 1 Saturation stop time Inversion time 2 Flow limit Resolution Base resolution	Long term Magnitude 563 0 ms Off PICORE Q2T 50 ms 50 ms 650.0 ms 100 cm/s	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction Spatial filter Sequence Introduction Dimension Reordering	90.00 deg 178 mm 133 mm 39 mm None Off Off Off Linear
Reconstruction Measurements Delay in TR Multiple series Perfusion mode Inversion time 1 Saturation stop time Inversion time 2 Flow limit Resolution Base resolution Phase resolution	Long term Magnitude 563 0 ms Off PICORE Q2T 50 ms 50 ms 650.0 ms 100 cm/s	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction Spatial filter Sequence Introduction Dimension Reordering Contrasts	90.00 deg 178 mm 133 mm 39 mm None Off Off Off Interval a control of the contro
Reconstruction Measurements Delay in TR Multiple series Perfusion mode Inversion time 1 Saturation stop time Inversion time 2 Flow limit Resolution Base resolution Phase resolution Slice resolution	Long term Magnitude 563 0 ms Off PICORE Q2T 50 ms 50 ms 650.0 ms 100 cm/s	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction Spatial filter Sequence Introduction Dimension Reordering Contrasts Bandwidth	90.00 deg 178 mm 133 mm 39 mm None Off Off Off Interval 1 1188 Hz/Px
Reconstruction Measurements Delay in TR Multiple series Perfusion mode Inversion time 1 Saturation stop time Inversion time 2 Flow limit Resolution Base resolution Phase resolution Slice resolution Phase partial Fourier	Long term Magnitude 563 0 ms Off PICORE Q2T 50 ms 50 ms 650.0 ms 100 cm/s	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction Spatial filter Sequence Introduction Dimension Reordering Contrasts Bandwidth Free echo spacing	90.00 deg 178 mm 133 mm 39 mm None Off Off Off Interest 1 1188 Hz/Px Off
Reconstruction Measurements Delay in TR Multiple series Perfusion mode Inversion time 1 Saturation stop time Inversion time 2 Flow limit Resolution Base resolution Phase resolution Slice resolution Phase partial Fourier Slice partial Fourier	Long term Magnitude 563 0 ms Off PICORE Q2T 50 ms 50 ms 650.0 ms 100 cm/s	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction Spatial filter Sequence Introduction Dimension Reordering Contrasts Bandwidth	90.00 deg 178 mm 133 mm 39 mm None Off Off Off Interval 1 1188 Hz/Px
Reconstruction Measurements Delay in TR Multiple series Perfusion mode Inversion time 1 Saturation stop time Inversion time 2 Flow limit Resolution Base resolution Phase resolution Slice resolution Phase partial Fourier	Long term Magnitude 563 0 ms Off PICORE Q2T 50 ms 50 ms 650.0 ms 100 cm/s	! Rotation ! A >> P ! R >> L ! F >> H Physio 1st Signal/Mode BOLD Motion correction Spatial filter Sequence Introduction Dimension Reordering Contrasts Bandwidth Free echo spacing	90.00 deg 178 mm 133 mm 39 mm None Off Off Off Interest 1 1188 Hz/Px Off

SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

RF pulse type Gradient mode Excitation RF spoiling	Normal Normal 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	150 150 3.1kHz 1 Off Off Off Off 3.00 3 s 0.00 mT/m*ms 2000 us 25.0 72 ms 76624 ms 28 local Flash 162 100 Hz/px 6500 us 5 deg Off