\\USER\UserProtocols\Renzo\190905\_SAMOWU\Quin\_pilot\_250\_V1

TA: 1:05 PAT: Off Voxel size: 1.0×1.0×3.0 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
Douting		Table position	0 mm
Routine		Inline Composing	Off
Slice group 1	0		JII
Slices	9	System	
Dist. factor	20 %	V32	Off
Position	R4.0 A23.3 F1.6	A32	On
Orientation	S > C-3.6	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	L0.0 A31.9 F4.8	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	50 %	Confirm freq. adjustment	Off
Position	R2.4 P21.6 F0.6	Assume Silicone	Off
Orientation	Coronal	! Ref. amplitude 1H	270.000 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	3.0 mm	R >> L	350 mm
TR	3000 ms	A >> P	263 mm
TE Averages	3.22 ms	F >> H	350 mm
	1	Physio	
Concatenations Filter	21 None	1st Signal/Mode	None
Coil elements	A32	15t Signal/Mode	
Contrast	A32	Dark blood	Off
TD	0 ms	Resp. control	Off
Magn. preparation	Slice-sel. IR	Inline	
TI	1100 ms		O#
Flip angle	6 deg	Subtract	Off Off
Fat suppr.	None	Std-Dev-Sag	Off Off
Water suppr.	None	Std-Dev-Cor	Off Off
•••ater suppr.	140116	Std-Dev-Tra	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 %	Compagne	
Phase resolution  Phase partial Fourier	Off	Sequence	
I hase partial i oullet	Jii	1/4	

Introduction Dimension Asymmetric echo Bandwidth Flow comp. Echo spacing	On 2D Off 240 Hz/Px No 6.5 ms
RF pulse type	Normal
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On

\\USER\I	JserProto (	cols\Renzo\190905_SA	MOWU\VASO_139I	MAGECSSSI_setup	
TA: 17:04	PAT: 3	Voxel size: 0.8×0.8×0.8	mm Rel. SNR: 1.00	USER: VASO 139	

Properties  Prio Recon  Before measurement  After measurement  Load to viewer  Inline movie  Auto store images  Load to stamp segments  Load images to graphic  segments  Auto open inline display  Start measurement without  further preparation  Wait for user to start	Off On Off On Off On Off Off Off Off	PAT mode Accel. factor PE Ref. lines PE Accel. factor 3D Ref. lines 3D Reference scan mode  Prescan Normalize Raw filter Elliptical filter Hamming  Geometry  Multi-slice mode Series	GRAPPA 3 45 1 24 Separate  Off Off Off Off Off Ascending
Start measurements	single	Special sat.	Parallel F
Routine		Gap Thickness	25.0 mm 100 mm
Slab group 1 Slabs Dist. factor Position Orientation	1 50 % R4.5 A19.9 H27.5 T > C-10.7 > S0.7	Table position Table position Inline Composing	H 0 mm Off
Phase enc. dir.	A >> P	System V32	Off
Rotation Phase oversampling	0.00 deg 0 %	A32	On
Slice oversampling	8.3 %		
Slices per slab	96	Positioning mode MSMA	REF S - C - T
FoV read	133.0 mm	Sagittal	R >> L
FoV phase	133.3 %	Coronal	A >> P
Slice thickness	0.80 mm	Transversal	F >> H
TR	8324.60 ms	Save uncombined	Off
TE	24 ms	Coil Combine Mode	Sum of Squares
Averages Concatenations	1	AutoAlign	
Filter	None	Auto Coil Select	Default
Coil elements	A32	Shim mode	Standard
1	7.02	Adjust with body coil	Off
Contrast	00.01.7/4.00	Confirm freq. adjustment	Off
Perfusion mode	SS-SI VASO	Assume Silicone	Off
TI2	650 ms 50 ms	! Ref. amplitude 1H	220.000 V
TI1s	50 ms	Adjustment Tolerance	Auto
Flip angle	4 deg	Adjust volume	D4 0 A45 5 H07 0
Fat suppr.	Fat sat.	! Position	R4.8 A15.5 H27.0
Fat sat. mode	Strong	! Orientation ! Rotation	T > C-9.9 > S0.6 90.00 deg
A	Long town	! A >> P	190 mm
Averaging mode Reconstruction	Long term Magnitude	! R >> L	140 mm
Measurements	123	! F >> H	77 mm
Delay in TR	0 ms	Dhysis	
Multiple series	Off	Physio 1st Signal/Mode	None
			None
Perfusion mode	PICORE Q2T	BOLD	
Inversion time 1 Saturation stop time	50 ms 50 ms	Motion correction	Off
Inversion time 2	650.0 ms	Spatial filter	Off
Flow limit	100 cm/s	Sequence	
į ·		Introduction	On
Resolution	162	Dimension	3D
Base resolution	162	Reordering	Linear
Phase resolution Slice resolution	100 % 100 %	Contrasts	1
Phase partial Fourier	6/8	Bandwidth	1144 Hz/Px
Slice partial Fourier	Off	Free echo spacing	Off
Interpolation	Off	Echo spacing	0.98 ms
		EPI factor	216

Ampl MAGEC FA ph.skip 4 Robert (the one) MAGEC SS-SI? On Maxwell Correction Off log physio files FFT scale dummy prepscan time z shim RF duration RF BWTP Serious PatPartitions PatPartitions PatPartitions PAT refscan mode Flash FlashRef BaseRes FlashRef BW FlashRef FA Use CAIPI On  12 in deg 14 in deg 14 in deg 15 in deg 16 in deg 16 in deg 18 in deg 19 in deg 19 in deg 18 in deg 19 i	RF pulse type Gradient mode Excitation RF spoiling	Normal Normal Slab-sel. On
	MAGEC FA ph.skip 4 Robert (the one) MAGEC SS-SI? 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	12 in deg 1 On Off Off Off 2.50 3 s 0.00 mT/m*ms 2000 us 25.0 71 ms 842504 ms 104 local Flash 162 100 Hz/px 7000 us 5 deg