SIEMENS MAGNETOM Investigational_Device_9_4T syngo MR B17

\\USER\Benedikt.Poser\VASO\20160915\VASO_111

TA: 16:09 PAT: 2 Voxel size: 0.7×0.7×1.7 mm Rel. SNR: 1.00 USER: VASO_111

Properties

Prio Recon	Off
Before measurement	
After measurement	
Load to viewer	On
Inline movie	Off
Auto store images	On
Load to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slab group 1	
Slabs	1
Dist. factor	50 %
Position	L30.7 P2.0 H61.1
Orientation	T > S-23.0
Phase enc. dir.	R >> L
Rotation	90 deg
Phase oversampling	0 %
Slice oversampling	0.0 %
Slices per slab	10
FoV read	32.8 mm
FoV phase	300.0 %
Slice thickness	1.70 mm
TR	2005.2 ms
TE	21 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	

Contrast

Perfusion mode	Picore Q2TIPS
TI2	1025 ms
TI1	50 ms
TI1s	50 ms
Flip angle	12 deg
Fat suppr.	None
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	483
Delay in TR	0 ms
Multiple series	Off
Perfusion mode	SS-SI VASO
Inversion time 1	
Saturation stop time	
Inversion time 2	1025 ms
Flow limit	

Resolution

Base resolution	44
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	6/8
Slice partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Accel. factor 3D	1
Ref. lines 3D	10
Reference scan mode	Separate
Prescan Normalize	Off
Raw filter	Off
Elliptical filter	Off
Hamming	Off

Geometry

Multi-slice mode	Interleaved
Series	Ascending
Special sat.	Parallel F
Gap	25 mm
Thickness	100 mm
Table position	H
Table position	0 mm
Inline Composing	Off

System

Positioning mode	REF
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Sum of Squares
AutoAlign	---
Auto Coil Select	Default
Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Silicone	Off
? Ref. amplitude 1H	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	L30.7 P2.0 H61.1
Orientation	T > S-23.0
Rotation	180.00 deg
R >> L	99 mm
A >> P	33 mm
F >> H	17 mm

Physio

1st Signal/Mode	None

BOLD

Motion correction	Off
Spatial filter	Off

Sequence

Introduction	On
Dimension	3D
Reordering	Linear
Contrasts	1
Bandwidth	1352 Hz/Px
Free echo spacing	Off
Echo spacing	0 ms
EPI factor	132
RF pulse type	Normal
Gradient mode	Normal
Excitation	Slab-sel.

RF spoiling	On
Ampl	93
BWDTH	130 3.1kHz
thickness	30
use Ernst angle	Off
Maxwell Correction	Off
log physio files	Off
FFT scale	1.00
dummy prepscan time	3 s
z shim	0.00 mT/m*ms
RF duration	5250 us
RF BWTP	25.0
EFFECTIVE TR	16023 ms
PatPartitions	10
EPI phase correction	local
PAT refscan mode	Flash
FlashRef BaseRes	44
FlashRef BW	1000 Hz/px
FlashRef TE	4800 us
FlashRef FA	5 deg
use CAIPI	Off

for more information see user manual
https://layerfmri.com/2017/11/26/ss-si-vaso-sequence-manual/

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