

SIEMENS MAGNETOM Investigational_Device_7T syngo MR B17

\\USER\RenzoHuber\Lonike\BOLD_only\cmrr_mbep2d_bold_pt8LFOV_G3_MB2_AP_run1

TA: 21:16 PAT: 3 Voxel size: 0.8x0.8x0.8 mm Rel. SNR: 1.00 USER: cmrr_mbep2d_bold

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

Slice group 1	
Slices	47
Dist. factor	0 %
Position	R0.4 P5.1 H3.8
Orientation	T > C3.3 > S-2.1
Phase enc. dir.	A >> P
Rotation	-3.00 deg
Phase oversampling	0 %
FoV read	170 mm
FoV phase	100.0 %
Slice thickness	0.80 mm
TR	4200 ms
TE	25.8 ms
Multi-band accel. factor	1
Filter	None
Coil elements	A32

Contrast

MTC	Off
Magn. preparation	None
Flip angle	79 deg
Fat suppr.	Fat sat.
Averaging mode	Long term
Reconstruction	Magn./Phase
Measurements	300
Delay in TR	700 ms
Multiple series	Off

Resolution

Base resolution	212
Phase resolution	100 %
Phase partial Fourier	6/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	3
Ref. lines PE	75
Reference scan mode	FLEET
Distortion Corr.	Off
Prescan Normalize	Off
Raw filter	On
Elliptical filter	Off
Hamming	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Special sat. None

Table position	H
Table position	0 mm
Inline Composing	Off

System

V32	Off
A32	On
Positioning mode	REF
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
AutoAlign	Head > Brain
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	L4.0 P4.7 H19.3
! Orientation	T > C2.5
! Rotation	-0.00 deg
! R >> L	135 mm
! A >> P	161 mm
! F >> H	88 mm

Physio

1st Signal/Mode	None
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BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Starting ignore meas	0
Ignore after transition	0
Model transition states	On
Temp. highpass filter	On
Threshold	4.00
Paradigm size	20
Meas[1]	Baseline
Meas[2]	Baseline
Meas[3]	Baseline
Meas[4]	Baseline
Meas[5]	Baseline
Meas[6]	Baseline
Meas[7]	Baseline
Meas[8]	Baseline
Meas[9]	Baseline
Meas[10]	Baseline
Meas[11]	Active
Meas[12]	Active
Meas[13]	Active
Meas[14]	Active
Meas[15]	Active
Meas[16]	Active
Meas[17]	Active
Meas[18]	Active
Meas[19]	Active
Meas[20]	Active
Motion correction	Off
Spatial filter	Off

Sequence

Introduction	On
Contrasts	1
Bandwidth	1124 Hz/Px
Flow comp.	No
Free echo spacing	Off
Echo spacing	1 ms
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EPI factor	212
Gradient mode	Fast
RF spoiling	Off
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Excite pulse duration	3640 us
FLEET ref. prep. scans	0
FLEET ref. min. TR	0 ms
Slice multiplier	1
EPI noise scans	1
SENSE1 coil combine	Off
Invert RO/PE polarity	Off
Force Maxwell corr.	Off
PF omits higher k-space	Off
Force equal slice timing	Off
FFT scale factor	1.00
FLEET iPAT ref. FA	12.0 deg
Physio recording	Legacy
Triggering scheme	Standard