SIEMENS MAGNETOM Terra

\\USER\Nils\Develop\Renzo_pdf\RENZLAY_11V1_0p60mm_Segm2_Laura

TA: 11:06 PM: FIX Voxel size: 0.6×0.6×0.6 mmPAT: 3 Rel. SNR: 1.00 : RenzLa8

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slab group	1
Slabs	1
Position	R32.2 P5.4 H39.5 mm
Orientation	T > S41.4 > C-11.9
Phase enc. dir.	A >> P
AutoAlign	---
Slice oversampling	0.0 %
Slices per slab	22
FoV read	177 mm
FoV phase	100.0 %
Slice thickness	0.60 mm
TR 1	52.92 ms
TR 2	6003.000 ms
TE 1	18.0 ms
Averages	1
TE segmentation	1
Filter	Distortion Corr.(3D)
Coil elements	A32

Contrast - Common

TR 1	52.92 ms
TR 2	6003.000 ms
TE 1	18.0 ms
Multi-echo dTE	60.0 ms
MTC	Off
Magn. preparation	Non-sel. IR
Flip angle	60 deg
Fat suppr.	Fat sat.
Number of TIs	2

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	110
Pause after meas.	0.0 s

Resolution - Common

FoV read	177 mm
FoV phase	100.0 %
Slice thickness	0.60 mm
Base resolution	294
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	6/8
Slice partial Fourier	Off

Resolution - Common

Interpolation	Off

Resolution - iPAT

PAT mode	CAIPIRINHA
Acc. factor PE	3
Ref. lines PE	45
Acc. factor 3D	1
Ref. lines 3D	16
CAIPI 3D Shift	0
Reference scan mode	GRE/separate
CAIPIRINHA mode	Free

Resolution - Filter Image

Image Filter	Off
Distortion Corr.	On
Mode	3D
Unfiltered images	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slab group	1
Slabs	1
Position	R32.2 P5.4 H39.5 mm
Orientation	T > S41.4 > C-11.9
Phase enc. dir.	A >> P
Slice oversampling	0.0 %
Slices per slab	22
FoV read	177 mm
FoV phase	100.0 %
Slice thickness	0.60 mm
TR 1	52.92 ms
TR 2	6003.000 ms
Multi-slice mode	Interleaved
Series	Ascending
TE segmentation	1

Geometry - AutoAlign

Slab group	1
Position	R32.2 P5.4 H39.5 mm
Orientation	T > S41.4 > C-11.9
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	R32.2 P5.4 H39.5
R	32.2 mm
P	5.4 mm
H	39.5 mm
Initial Rotation	0.00 deg
Initial Orientation	T > S
T > S	41.4
> C	-11.9

Geometry - Saturation

Saturation mode	Standard
Fat suppr.	Fat sat.

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
Inline Composing	Off

System - Miscellaneous

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Sum of Squares
Save uncombined	Off
Matrix Optimization	Off
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Standard
B1 Shim mode	TrueForm
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

! Position	R25.7 A0.5 H30.8 mm
! Orientation	T > S0.1
! Rotation	0.00 deg
! A >> P	111 mm
! R >> L	88 mm
! F >> H	83 mm
Reset	Off

System - Tx/Rx

Frequency 1H	297.139685 MHz
Correction factor	1
Gain	Low
Img. Scale Cor.	1.000
Reset	Off
! Ref. amplitude 1H	205.000 V

BOLD

GLM Statistics	Off
Dynamic t-maps	Off
Ignore meas. at start	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]	Active
Meas[11]	Active

BOLD

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
Measurements	110

Sequence - Part 1

Introduction	On
Dimension	3D
Reordering	Linear
Asymmetric echo	Off
Contrasts	1
Multi-slice mode	Interleaved
Echo spacing	1.22 ms
Bandwidth	944 Hz/Px

Sequence - Part 2

EPI factor	37
Segmentation	2
RF pulse type	Normal
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	On
Turbo factor	22

Sequence - Special

PATRef FA	3 deg
RF duration	2000 us
RF BWT product	15
Slab Scale	90 %
Ernst T1	1200 ms
PATRef prep. shots	10
Volume dummy shots	0
Dummy Measurements	0
CHECK FLIP ANGLE!	On
Invert PE	Off
Invert 3D	Off
Min. TE if PF	On
Are you Renzo?	On
Echo Time Shift	On
Water Exc.	-none-
External PC	per Series
Saturation RF	per Shot
varflip option	4
Inversion Delay	450000 us
Relaxation Delay	0 us

Sequence - Assistant

Mode	Off