

SIEMENS MAGNETOM Product syngo MR B17

\\USER\knee_20min\20min_protocols_NYU_27.05.09\hip_ok\t1_tse_cor

TA: 2:30 PAT: 2 Voxel size: 1.1x0.8x5.0 mm Rel. SNR: 1.00 SIEMENS: tse

Properties

Prio Recon	Off
Before measurement	
After measurement	
Load to viewer	On
Inline movie	Off
Auto store images	On
Load to stamp segments	On
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	25
Dist. factor	10 %
Position	Isocenter
Orientation	Coronal
Phase enc. dir.	F >> H
Rotation	89.20 deg
Phase oversampling	80 %
FoV read	380 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	700 ms
TE	21 ms
Averages	1
Concatenations	2
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;SP4-7

Contrast

TD	0.0 ms
MTC	Off
Magn. preparation	None
Flip angle	150 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off

Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	448
Phase resolution	75 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated

Image Filter	Off
Distortion Corr.	On
Mode	2D

Unfiltered images	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Special sat.	None

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

Tim CT mode	Off

System

Body	Off
FL	Off
BO1	On
BO2	On
SP4	On
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	On
SP5	On

Positioning mode	FIX
MSMA	S - C - T
Sagittal	L >> R
Coronal	A >> P
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
AutoAlign	---
Auto Coil Select	Default

Shim mode	Tune up
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Silicone	Off
? Ref. amplitude 1H	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
R >> L	350 mm
A >> P	263 mm
F >> H	350 mm

Physio

1st Signal/Mode	None

Dark blood	Off

Resp. control	Off

Inline

Subtract	Off
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Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

Sequence

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	Off
Contrasts	1
Bandwidth	223 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	10.6 ms

Define	Turbo factor
Turbo factor	3
Echo trains per slice	105
RF pulse type	Low SAR
Gradient mode	Normal