

SIEMENS MAGNETOM Product syngo MR B17

\\USER\knee_20min\20min_protocols_NYU_27.05.09\knee_ok\t2_tse_fs_sag

TA: 4:17 PAT: 2 Voxel size: 0.5×0.4×3.0 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	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	30
Dist. factor	10 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	H >> F
Rotation	90.00 deg
Phase oversampling	80 %
FoV read	140 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	5800 ms
TE	61 ms
Averages	2
Concatenations	1
Filter	Distortion Corr.(2D), Normalize, Elliptical filter
Coil elements	K15

Contrast

MTC	Off
Magn. preparation	None
Flip angle	150 deg
Fat suppr.	Fat sat.
Fat sat. mode	Weak
Water suppr.	None
Restore magn.	On
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	320
Phase resolution	85 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Self-calibration
Image Filter	Off
Distortion Corr. Mode	On 2D

Unfiltered images	Off
Prescan Normalize	Off
Normalize	On
Intensity	Medium
Cut off	20
Width	4
Unfiltered images	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
Sat. region 1	
Thickness	80 mm
Position	R5.9 P66.5 F29.0
Orientation	C > S5.0
Sat. region 2	
Thickness	80 mm
Position	L0.0 P90.0 H0.0
Orientation	Coronal
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
K15	On
SP4	Off
SP2	Off
SP8	Off
SP6	Off
SP3	Off
SP1	Off
SP7	Off
SP5	Off
Positioning mode	FIX
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
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	Isocenter
Orientation	Sagittal
Rotation	90.00 deg
A >> P	140 mm
F >> H	140 mm
R >> L	99 mm

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Physio

1st Signal/Mode	None
Dark blood	Off
Resp. control	Off

Inline

Subtract	Off
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	120 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	12.3 ms
Define	Turbo factor
Turbo factor	12
Echo trains per slice	21
RF pulse type	Fast
Gradient mode	Fast