

# SIEMENS MAGNETOM Product syngo MR B17

\\USER\knee\_20min\20min\_protocols\_NYU\_27.05.09\ankle\pd\_tse\_fs\_tra

TA: 3:10    PAT: 2    Voxel size: 0.5x0.4x3.0 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	On
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

## Routine

Slice group 1	
Slices	35
Dist. factor	10 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	100 %
FoV read	110 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	4600 ms
TE	27 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D)
Coil elements	FA

## Contrast

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

## Resolution

Base resolution	256
Phase resolution	85 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off
-----	
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	31
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
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Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Prescan Normalize	Off
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off

## Geometry

Multi-slice mode	Interleaved
Series	Interleaved
-----	
Sat. region 1	
Thickness	56 mm
Position	L0.0 P0.0 H94.8
Orientation	Transversal
Special sat.	None
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Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
Inline Composing	Off
-----	
Tim CT mode	Off

## System

Body	Off
FA	On
-----	
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	Transversal
Rotation	0.00 deg
R >> L	110 mm
A >> P	110 mm
F >> H	116 mm

## Physio

1st Signal/Mode	None
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Dark blood	Off
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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

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## Sequence

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Bandwidth	100 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	13.5 ms
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Define	Turbo factor
Turbo factor	6
Echo trains per slice	39
RF pulse type	Fast
Gradient mode	Fast