

# SIEMENS MAGNETOM Product syngo MR B17

\\USER\knee\_20min\_0002\20min\_protocols\_NYU\_27.05.09\knee\_15ch\_ok\pd\_tse\_cor

TA: 3:35    PAT: 2    Voxel size: 0.3x0.3x2.5 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	35
Dist. factor	10 %
Position	Isocenter
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	51 %
FoV read	140 mm
FoV phase	100.0 %
Slice thickness	2.5 mm
TR	2630 ms
TE	38 ms
Averages	1
Concatenations	1
Filter	Normalize, Elliptical filter
Coil elements	K15

## Contrast

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

## Resolution

Base resolution	448
Phase resolution	90 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off
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PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	30
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
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Image Filter	Off
Distortion Corr.	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
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Sat. region 1	
Thickness	38 mm
Position	L1.4 A9.9 H98.4
Orientation	T > C4.7 > S-0.7
Special sat.	None
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Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
Inline Composing	Off
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Tim CT mode	Off

## System

Body	Off
K15	On
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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	Coronal
Rotation	0.00 deg
F >> H	140 mm
R >> L	140 mm
A >> P	96 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

# SIEMENS MAGNETOM Product syngo MR B17

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.	Off
Contrasts	1
Bandwidth	180 Hz/Px
Flow comp.	No
Allowed delay	60 s
Echo spacing	12.6 ms

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Define	Turbo factor
Turbo factor	4
Echo trains per slice	80
RF pulse type	Normal
Gradient mode	Fast