

# SIEMENS MAGNETOM TrioTim syngo MR B17

\\USER\20min\_protocols\ankle\ankle\t1\_tirm\_sag

TA: 1:59    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	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	15
Dist. factor	20 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	80 %
FoV read	140 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	4500 ms
TE	37.0 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Elliptical filter
Coil elements	FA

## Contrast

MTC	Off
Magn. preparation	Slice-sel. IR
TI	190 ms
Freeze suppressed tissue	Off
Flip angle	150 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
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Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

## Resolution

Base resolution	384
Phase resolution	80 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off
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PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	46
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
-----	
Image Filter	Off

Distortion Corr. Mode	On
Unfiltered images	2D
Prescan Normalize	Off
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

## Geometry

Multi-slice mode	Interleaved
Series	Interleaved
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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
FA	On
-----	
Positioning mode	ISO
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	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
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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

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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	250 Hz/Px
Flow comp.	No
Allowed delay	60 s
Echo spacing	9.17 ms

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Define	Turbo factor
Turbo factor	12
Echo trains per slice	25
RF pulse type	Fast
Gradient mode	Fast