

# SIEMENS MAGNETOM TrioTim syngo MR B17

\\USER\20min\_protocols\elbow\elbow\pd\_tse\_fs\_tra

TA: 3:19    PAT: Off    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	23
Dist. factor	10 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	R >> L
Rotation	132.90 deg
Phase oversampling	50 %
FoV read	140 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	4710 ms
TE	54 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Elliptical filter
Coil elements	FS

### Contrast

MTC	Off
Magn. preparation	None
Flip angle	140 deg
Fat suppr.	SPAIR
Fat sat. mode	Weak
Water suppr.	None
Restore magn.	On
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Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

### Resolution

Base resolution	384
Phase resolution	75 %
Phase partial Fourier	Allowed
Trajectory	Cartesian
Interpolation	Off
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PAT mode	None
Matrix Coil Mode	Auto (CP)
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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	On
Mode	Inplane

### Geometry

Multi-slice mode	Interleaved
Series	Interleaved
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Special sat.	Parallel F/H
Gap	10 mm
Thickness	40 mm
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Set-n-Go Protocol	Off
Table position	F
Table position	18 mm
Inline Composing	Off
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Tim CT mode	Off

### System

Body	Off
FS	On
SP4	Off
SP2	Off
SP8	Off
SP6	Off
SP3	Off
SP1	Off
SP7	Off
SP5	Off
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Positioning mode	REF
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	132.90 deg
A >> P	140 mm
R >> L	140 mm
F >> H	76 mm

### Physio

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

### Inline

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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.	Off
Contrasts	1
Bandwidth	250 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	10.8 ms

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Define	Turbo factor
Turbo factor	11
Echo trains per slice	40
RF pulse type	Low SAR
Gradient mode	Fast