

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\localizer

TA: 0:16 PAT: Off Voxel size: 2.3x1.8x8.0 mm Rel. SNR: 1.00 SIEMENS: gre

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	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	3
Dist. factor	20 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Slice group 2	
Slices	1
Dist. factor	20 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Slice group 3	
Slices	1
Dist. factor	20 %
Position	Isocenter
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	0 %
FoV read	450 mm
FoV phase	100.0 %
Slice thickness	8.0 mm
TR	7.8 ms
TE	3.37 ms
Averages	2
Concatenations	5
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5-7

Contrast

TD	0 ms
MTC	Off
Magn. preparation	None
Flip angle	20 deg
Fat suppr.	None
Water suppr.	None
-----	
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution

Base resolution	256
Phase resolution	75 %

Phase partial Fourier	Off
Interpolation	On
-----	
PAT mode	None
Matrix Coil Mode	Auto (CP)
-----	
Image Filter	Off
Distortion Corr. Mode	2D
Unfiltered images	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Sequential
Series	Interleaved
-----	
Saturation mode	Standard
Special sat.	None
-----	
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
NE2	Off
NE1	Off
HE2	Off
HE4	Off
BO1	On
BO2	On
HE1	Off
HE3	Off
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	On
SP5	On
-----	
Positioning mode	ISO
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
-----	
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

# SIEMENS MAGNETOM Avanto syngo MR B17

Orientation	Transversal
Rotation	0.00 deg
R >> L	350 mm
A >> P	263 mm
F >> H	350 mm

## Physio

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

## Inline

Subtract	Off
Liver registration	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
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off

## Sequence

Introduction	On
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Allowed
Contrasts	1
Bandwidth	290 Hz/Px
Flow comp.	No
RF pulse type	Normal
Gradient mode	Whisper
Excitation	Slice-sel.
RF spoiling	On

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\CO T2 Haste MOC

TA: 0:53 PAT: 2 Voxel size: 2.3x1.8x5.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	48
Dist. factor	0 %
Position	R6.8 A1.6 H7.2
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	100 %
FoV read	450 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	1100 ms
TE	120 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	76 %
Phase partial Fourier	5/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	16
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr. Mode	On 2D
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Single shot
Series	Interleaved
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
Positioning mode	REF
Table position	H
Table position	7 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
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
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

# SIEMENS MAGNETOM Avanto syngo MR B17

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	300 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	5.98 ms
-----	
Turbo factor	195
RF pulse type	Normal
Gradient mode	Normal

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\AX T2 Haste MOC

TA: 1:02 PAT: 2 Voxel size: 2.3x1.8x5.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	56
Dist. factor	0 %
Position	R6.8 A1.6 H7.2
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	100 %
FoV read	450 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	1100 ms
TE	120 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	76 %
Phase partial Fourier	5/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	16
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr. Mode	On 2D
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Single shot
Series	Interleaved
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
Positioning mode	REF
Table position	H
Table position	7 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
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
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

# SIEMENS MAGNETOM Avanto syngo MR B17

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	300 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	5.98 ms
-----	
Turbo factor	195
RF pulse type	Normal
Gradient mode	Normal

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\SG T2 Haste MOC

TA: 0:50 PAT: 2 Voxel size: 2.3x1.8x5.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	45
Dist. factor	0 %
Position	R6.8 A1.6 H7.2
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	100 %
FoV read	450 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	1100 ms
TE	120 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	76 %
Phase partial Fourier	5/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	16
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr. Mode	On 2D
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Single shot
Series	Interleaved
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
Positioning mode	REF
Table position	H
Table position	7 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
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
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

# SIEMENS MAGNETOM Avanto syngo MR B17

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	300 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	5.98 ms
-----	
Turbo factor	195
RF pulse type	Normal
Gradient mode	Normal



SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\AX T2 Haste NEURO

TA: 0:28 PAT: 2 Voxel size: 2.0x1.4x4.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	28
Dist. factor	0 %
Position	R6.8 A1.6 H7.2
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	1000 ms
TE	131 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	70 %
Phase partial Fourier	5/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	16
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr. Mode	On 2D
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Single shot
Series	Interleaved
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
Positioning mode	REF
Table position	H
Table position	7 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
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
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

# SIEMENS MAGNETOM Avanto syngo MR B17

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	300 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	6.24 ms
-----	
Turbo factor	179
RF pulse type	Normal
Gradient mode	Normal

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\CO T2 Haste NEURO

TA: 0:28 PAT: 2 Voxel size: 2.0x1.4x4.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	28
Dist. factor	0 %
Position	R6.8 A1.6 H7.2
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	1000 ms
TE	131 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
-----	
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	70 %
Phase partial Fourier	5/8
Interpolation	Off
-----	
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	16
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
-----	
Image Filter	Off
Distortion Corr. Mode	On 2D
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Single shot
Series	Interleaved
-----	
Special sat.	None
-----	
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
-----	
Positioning mode	REF
Table position	H
Table position	7 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
-----	
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
-----	
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

# SIEMENS MAGNETOM Avanto syngo MR B17

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	300 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	6.24 ms
-----	
Turbo factor	179
RF pulse type	Normal
Gradient mode	Normal

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\SG T2 Haste NEURO

TA: 0:25 PAT: 2 Voxel size: 2.0x1.4x4.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	25
Dist. factor	0 %
Position	R6.8 A1.6 H7.2
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	1000 ms
TE	131 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	70 %
Phase partial Fourier	5/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	16
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr. Mode	On 2D
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Single shot
Series	Interleaved
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
Positioning mode	REF
Table position	H
Table position	7 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
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
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

# SIEMENS MAGNETOM Avanto syngo MR B17

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	300 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	6.24 ms
-----	
Turbo factor	179
RF pulse type	Normal
Gradient mode	Normal

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\X TRUFI T2 NEURO

TA: 0:44 PAT: 2 Voxel size: 1.6x1.1x4.0 mm Rel. SNR: 1.00 SIEMENS: trufi

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	32
Dist. factor	0 %
Position	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	84.4 %
Slice thickness	4.0 mm
TR	4.19 ms
TE	2.1 ms
Averages	2
Filter	Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

TD	0 ms
Magn. preparation	None
Flip angle	70 deg
Fat suppr.	None
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution

Base resolution	320
Phase resolution	70 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On

Mode

Geometry	
Multi-slice mode	Sequential
Series	Interleaved

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Rotation	0.00 deg
F >> H	350 mm
R >> L	296 mm
A >> P	128 mm

Physio

1st Signal/Mode	None
Segments	1
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

# SIEMENS MAGNETOM Avanto syngo MR B17

Reordering	Linear
Asymmetric echo	Off
Bandwidth	504 Hz/Px
Flow comp.	No
-----	
RF pulse type	Normal
Gradient mode	Fast*
Excitation	Slice-sel.



SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\CO TRUFI T2 NEURO

TA: 0:44 PAT: 2 Voxel size: 1.6x1.1x4.0 mm Rel. SNR: 1.00 SIEMENS: trufi

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	32
Dist. factor	0 %
Position	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	84.4 %
Slice thickness	4.0 mm
TR	4.19 ms
TE	2.1 ms
Averages	2
Filter	Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

TD	0 ms
Magn. preparation	None
Flip angle	70 deg
Fat suppr.	None
-----	
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution

Base resolution	320
Phase resolution	70 %
Phase partial Fourier	Off
Interpolation	Off
-----	
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
-----	
Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On

Mode

Inplane

Geometry

Multi-slice mode	Sequential
Series	Interleaved

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Rotation	0.00 deg
F >> H	350 mm
R >> L	296 mm
A >> P	128 mm

Physio

1st Signal/Mode	None
Segments	1
-----	
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

# SIEMENS MAGNETOM Avanto syngo MR B17

Reordering	Linear
Asymmetric echo	Off
Bandwidth	504 Hz/Px
Flow comp.	No
-----	
RF pulse type	Normal
Gradient mode	Fast*
Excitation	Slice-sel.

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\SG TRUFI T2 NEURO

TA: 0:35 PAT: 2 Voxel size: 1.6x1.1x4.0 mm Rel. SNR: 1.00 SIEMENS: trufi

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	25
Dist. factor	0 %
Position	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	84.4 %
Slice thickness	4.0 mm
TR	4.19 ms
TE	2.1 ms
Averages	2
Filter	Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

TD	0 ms
Magn. preparation	None
Flip angle	70 deg
Fat suppr.	None
-----	
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution

Base resolution	320
Phase resolution	70 %
Phase partial Fourier	Off
Interpolation	Off
-----	
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
-----	
Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On

Mode

Inplane

Geometry

Multi-slice mode	Sequential
Series	Interleaved

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Rotation	0.00 deg
F >> H	350 mm
R >> L	296 mm
A >> P	100 mm

Physio

1st Signal/Mode	None
Segments	1
-----	
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

# SIEMENS MAGNETOM Avanto syngo MR B17

Reordering	Linear
Asymmetric echo	Off
Bandwidth	504 Hz/Px
Flow comp.	No
-----	
RF pulse type	Normal
Gradient mode	Fast*
Excitation	Slice-sel.

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\X T1 BH NEURO

TA: 0:35 PAT: 2 Voxel size: 1.8x1.4x4.0 mm Rel. SNR: 1.00 SIEMENS: gre

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	25
Dist. factor	30 %
Position	L5.9 A13.1 H56.8
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	113.0 ms
TE	4.76 ms
Averages	1
Concatenations	2
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

TD	0 ms
MTC	Off
Magn. preparation	None
Flip angle	70 deg
Fat suppr.	None
Water suppr.	None
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	75 %
Phase partial Fourier	Off
Interpolation	On
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Interleaved
Series	Interl. in B.-h.
Saturation mode	Standard
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
Positioning mode	REF
Table position	H
Table position	57 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
Shim mode	Standard
Adjust with body coil	On
Confirm freq. adjustment	Off
Assume Silicone	Off
? Ref. amplitude 1H	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	L5.9 A13.1 H56.8
Orientation	Coronal
Rotation	0.00 deg
F >> H	350 mm
R >> L	350 mm
A >> P	129 mm

Physio

1st Signal/Mode	None
Segments	1
Tagging	None
Dark blood	Off
Resp. control	Breath-hold

Inline

Subtract	Off
Liver registration	Off

# SIEMENS MAGNETOM Avanto syngo MR B17

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

---

Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off

## Sequence

Introduction	Off
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Allowed
Contrasts	1
Bandwidth	200 Hz/Px
Flow comp.	No

---

RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\DIFFUSION

TA: 0:59 PAT: 2 Voxel size: 2.1x2.1x5.0 mm Rel. SNR: 1.00 SIEMENS: ep2d\_diff

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	22
Dist. factor	27 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	0 %
FoV read	400 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	3400 ms
TE	89 ms
Averages	2
Concatenations	1
Filter	Raw filter, Distortion Corr.(2D)
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Fat suppr.	Fat sat.
-----	
Averaging mode	Long term
Reconstruction	Magnitude
Delay in TR	0 ms

Resolution

Base resolution	192
Phase resolution	100 %
Phase partial Fourier	6/8
Interpolation	Off
-----	
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	40
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Separate
-----	
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	Off
Raw filter	On
Intensity	Weak
Slope	25
Elliptical filter	Off
Hamming	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved
-----	
Special sat.	None

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
-----	
Positioning mode	REF
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
-----	
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	400 mm
A >> P	400 mm
F >> H	139 mm

Physio

1st Signal/Mode	None
-----	
Resp. control	Off

Diff

Diffusion mode	3-Scan Trace
Diff. weightings	3
b-value 1	0 s/mm <sup>2</sup>
b-value 2	500 s/mm <sup>2</sup>
b-value 3	1000 s/mm <sup>2</sup>
Diff. weighted images	Off
Trace weighted images	On
Average ADC maps	On
Individual ADC maps	Off
Mosaic	Off
Noise level	40
Diff. directions	3

Sequence

Introduction	On
Bandwidth	1240 Hz/Px

# SIEMENS MAGNETOM Avanto syngo MR B17

Free echo spacing	Off
Echo spacing	0.87 ms
-----	
EPI factor	192
RF pulse type	Normal
Gradient mode	Fast*



SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\AX T2 Haste BODY

TA: 0:28 PAT: 2 Voxel size: 2.0x1.4x4.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	28
Dist. factor	0 %
Position	R6.8 A1.6 H7.2
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	1000 ms
TE	81 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	70 %
Phase partial Fourier	4/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	16
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr. Mode	On 2D
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Single shot
Series	Interleaved
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On

Positioning mode	REF
Table position	H
Table position	7 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off

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
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

# SIEMENS MAGNETOM Avanto syngo MR B17

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	300 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	6.24 ms
-----	
Turbo factor	179
RF pulse type	Normal
Gradient mode	Normal

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\CO T2 Haste BODY

TA: 0:28 PAT: 2 Voxel size: 2.0x1.4x4.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	28
Dist. factor	0 %
Position	R6.8 A1.6 H7.2
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	1000 ms
TE	81 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
-----	
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	70 %
Phase partial Fourier	4/8
Interpolation	Off
-----	
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	16
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
-----	
Image Filter	Off
Distortion Corr. Mode	On
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Single shot
Series	Interleaved
-----	
Special sat.	None
-----	
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
-----	

Positioning mode	REF
Table position	H
Table position	7 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
-----	

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
-----	
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

# SIEMENS MAGNETOM Avanto syngo MR B17

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	300 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	6.24 ms
-----	
Turbo factor	179
RF pulse type	Normal
Gradient mode	Normal

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\SG T2 Haste BODY

TA: 0:27 PAT: 2 Voxel size: 2.0x1.4x4.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	27
Dist. factor	0 %
Position	R6.8 A1.6 H7.2
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	1000 ms
TE	81 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	70 %
Phase partial Fourier	4/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	16
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr. Mode	On 2D
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Single shot
Series	Interleaved
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
Positioning mode	REF
Table position	H
Table position	7 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
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
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

# SIEMENS MAGNETOM Avanto syngo MR B17

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	300 Hz/Px
Flow comp.	No
Allowed delay	0 s
Echo spacing	6.24 ms
-----	
Turbo factor	179
RF pulse type	Normal
Gradient mode	Normal

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\AX TRUFI T2 BODY

TA: 0:44 PAT: 2 Voxel size: 1.6x1.1x4.0 mm Rel. SNR: 1.00 SIEMENS: trufi

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	32
Dist. factor	0 %
Position	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	84.4 %
Slice thickness	4.0 mm
TR	4.19 ms
TE	2.1 ms
Averages	2
Filter	Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

TD	0 ms
Magn. preparation	None
Flip angle	70 deg
Fat suppr.	None
-----	
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution

Base resolution	320
Phase resolution	70 %
Phase partial Fourier	Off
Interpolation	Off
-----	
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
-----	
Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On

Mode

Inplane

Geometry

Multi-slice mode	Sequential
Series	Interleaved

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Rotation	0.00 deg
F >> H	350 mm
R >> L	296 mm
A >> P	128 mm

Physio

1st Signal/Mode	None
Segments	1
-----	
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

# SIEMENS MAGNETOM Avanto syngo MR B17

Reordering	Linear
Asymmetric echo	Off
Bandwidth	504 Hz/Px
Flow comp.	No
-----	
RF pulse type	Normal
Gradient mode	Fast*
Excitation	Slice-sel.



SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\CO TRUFI T2 BODY

TA: 0:44 PAT: 2 Voxel size: 1.6x1.1x4.0 mm Rel. SNR: 1.00 SIEMENS: trufi

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	32
Dist. factor	0 %
Position	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	84.4 %
Slice thickness	4.0 mm
TR	4.19 ms
TE	2.1 ms
Averages	2
Filter	Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

TD	0 ms
Magn. preparation	None
Flip angle	70 deg
Fat suppr.	None
-----	
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution

Base resolution	320
Phase resolution	70 %
Phase partial Fourier	Off
Interpolation	Off
-----	
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
-----	
Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On

Mode

Inplane

Geometry

Multi-slice mode	Sequential
Series	Interleaved

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Rotation	0.00 deg
F >> H	350 mm
R >> L	296 mm
A >> P	128 mm

Physio

1st Signal/Mode	None
Segments	1
-----	
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

# SIEMENS MAGNETOM Avanto syngo MR B17

Reordering	Linear
Asymmetric echo	Off
Bandwidth	504 Hz/Px
Flow comp.	No
-----	
RF pulse type	Normal
Gradient mode	Fast*
Excitation	Slice-sel.

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\SG TRUFI T2 BODY

TA: 0:40 PAT: 2 Voxel size: 1.6x1.1x4.0 mm Rel. SNR: 1.00 SIEMENS: trufi

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	29
Dist. factor	0 %
Position	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	84.4 %
Slice thickness	4.0 mm
TR	4.19 ms
TE	2.1 ms
Averages	2
Filter	Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

TD	0 ms
Magn. preparation	None
Flip angle	70 deg
Fat suppr.	None
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution

Base resolution	320
Phase resolution	70 %
Phase partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On

Mode

Inplane

Geometry

Multi-slice mode	Sequential
Series	Interleaved

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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	R66.8 A42.8 F22.8
Orientation	C > T-26.9 > S-10.5
Rotation	0.00 deg
F >> H	350 mm
R >> L	296 mm
A >> P	116 mm

Physio

1st Signal/Mode	None
Segments	1
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

# SIEMENS MAGNETOM Avanto syngo MR B17

Reordering	Linear
Asymmetric echo	Off
Bandwidth	504 Hz/Px
Flow comp.	No
-----	
RF pulse type	Normal
Gradient mode	Fast*
Excitation	Slice-sel.

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\CO T1 BH BODY

TA: 0:35 PAT: 2 Voxel size: 1.8x1.4x4.0 mm Rel. SNR: 1.00 SIEMENS: gre

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	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	single

Routine

Slice group 1	
Slices	25
Dist. factor	30 %
Position	L5.9 A13.1 H56.8
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	113.0 ms
TE	4.76 ms
Averages	1
Concatenations	2
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

TD	0 ms
MTC	Off
Magn. preparation	None
Flip angle	70 deg
Fat suppr.	None
Water suppr.	None
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	75 %
Phase partial Fourier	Off
Interpolation	On
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Unfiltered images	Off

Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Interleaved
Series	Interl. in B.-h.
Saturation mode	Standard
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
Positioning mode	REF
Table position	H
Table position	57 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Off
Shim mode	Standard
Adjust with body coil	On
Confirm freq. adjustment	Off
Assume Silicone	Off
? Ref. amplitude 1H	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	L5.9 A13.1 H56.8
Orientation	Coronal
Rotation	0.00 deg
F >> H	350 mm
R >> L	350 mm
A >> P	129 mm

Physio

1st Signal/Mode	None
Segments	1
Tagging	None
Dark blood	Off
Resp. control	Breath-hold

Inline

Subtract	Off
Liver registration	Off

# SIEMENS MAGNETOM Avanto syngo MR B17

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
-----	
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off

## Sequence

Introduction	Off
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Allowed
Contrasts	1
Bandwidth	200 Hz/Px
Flow comp.	No
-----	
RF pulse type	Fast
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On

SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\MRU t2\_haste\_fs\_thick\_sl\_p2

TA: 0:45 PAT: 2 Voxel size: 1.1x0.9x4.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	On
Auto open inline display	Off
Start measurement without further preparation	On
Wait for user to start	On
Start measurements	single

Routine

Slice group 1	
Slices	15
Dist. factor	50 %
Position	R13.5 P15.9 H98.6
Orientation	S > C19.7 > T-2.8
Phase enc. dir.	H >> F
Rotation	90.00 deg
Phase oversampling	35 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	3000 ms
TE	535 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D)
Coil elements	BO1,2;BO1,2;SP5,6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	Fat sat.
Fat sat. mode	Strong
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution

Base resolution	384
Phase resolution	80 %
Phase partial Fourier	7/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Triple
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr. Mode	On 2D
Unfiltered images	Off
Prescan Normalize	Off

Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Single shot
Series	Interleaved
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
BO1	On
BO2	On
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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	R13.5 P15.9 H98.6
Orientation	S > C19.7 > T-2.8
Rotation	90.00 deg
A >> P	350 mm
F >> H	350 mm
R >> L	88 mm

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

# SIEMENS MAGNETOM Avanto syngo MR B17

MIP-Tra	Off
MIP-Time	Off
Save original images	On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	277 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	6.52 ms
-----	
Turbo factor	307
RF pulse type	Normal
Gradient mode	Normal



SIEMENS MAGNETOM Avanto syngo MR B17

\\USER\ABDOMEN\ABDOMEN\FETAL\MRU t2\_haste\_fs\_thick\_sl\_p2 3MM

TA: 0:57 PAT: 2 Voxel size: 1.1x0.9x3.0 mm Rel. SNR: 1.00 SIEMENS: haste

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	On
Auto open inline display	Off
Start measurement without further preparation	On
Wait for user to start	On
Start measurements	single

Routine

Slice group 1	
Slices	19
Dist. factor	50 %
Position	R13.5 P15.9 H98.6
Orientation	S > C19.7 > T-2.8
Phase enc. dir.	H >> F
Rotation	90.00 deg
Phase oversampling	35 %
FoV read	350 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3000 ms
TE	536 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D)
Coil elements	BO1,2;SP4-6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	180 deg
Fat suppr.	Fat sat.
Fat sat. mode	Strong
Water suppr.	None
Restore magn.	Off
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution

Base resolution	384
Phase resolution	80 %
Phase partial Fourier	7/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Triple
Reference scan mode	Integrated
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	Single shot
Series	Interleaved
Special sat.	None
Tim CT mode	Off

System

Body	Off
BO1	On
BO2	On
SP4	On
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	On
Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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	R13.5 P15.9 H98.6
Orientation	S > C19.7 > T-2.8
Rotation	90.00 deg
A >> P	350 mm
F >> H	350 mm
R >> L	84 mm

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

# SIEMENS MAGNETOM Avanto syngo MR B17

| Save original images      On

## Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	277 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	6.96 ms
-----	
Turbo factor	307
RF pulse type	Normal
Gradient mode	Normal