

SIEMENS MAGNETOM Verio syngo MR B17

\\USER\RESEARCH\Prostata\IMPROD\localizer_sag_tse

TA: 0:21 PAT: 2 Voxel size: 2.0x1.4x4.0 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	14
Dist. factor	50 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	0 %
FoV read	360 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	3990 ms
TE	85 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D)
Coil elements	BO1,2;SP4-7

Contrast

MTC	Off
Magn. preparation	None
Flip angle	150 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	Off
Trajectory	Cartesian
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	27
Matrix Coil Mode	Dual
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	Interleaved
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	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
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
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off

SIEMENS MAGNETOM Verio syngo MR B17

| Save original images On

Sequence

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Bandwidth	199 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	10.7 ms

Define	Turbo factor
Turbo factor	26
Echo trains per slice	4
RF pulse type	Low SAR
Gradient mode	Normal

SIEMENS MAGNETOM Verio syngo MR B17

\\USER\RESEARCH\Prostata\IMPROD\localizer_tra_tse

TA: 0:21 PAT: 2 Voxel size: 1.7x1.3x5.0 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	12
Dist. factor	60 %
Position	R11.6 P33.5 F0.5
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	250 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	3290 ms
TE	96 ms
Averages	1
Concatenations	1
Filter	Elliptical filter
Coil elements	BO1;SP6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	150 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	192
Phase resolution	75 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	34
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated

Image Filter	Off
Distortion Corr.	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off

Raw filter	Off
Elliptical filter	On
Mode	Inplane

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Special sat.	None

Tim CT mode	Off

System

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

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	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

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
Save original images	On

SIEMENS MAGNETOM Verio syngo MR B17

Sequence

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Bandwidth	200 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	10.6 ms

Define	Turbo factor
Turbo factor	25
Echo trains per slice	5
RF pulse type	Low SAR
Gradient mode	Normal

SIEMENS MAGNETOM Verio syngo MR B17

\\USER\RESEARCH\Prostata\IMPROD\localizer_sag_tse=ref

TA: 0:21 PAT: 2 Voxel size: 2.0x1.4x4.0 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	14
Dist. factor	50 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	0 %
FoV read	360 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	3990 ms
TE	85 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	BO1;SP5-7

Contrast

MTC	Off
Magn. preparation	None
Flip angle	150 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	Off
Trajectory	Cartesian
Interpolation	Off

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	27
Matrix Coil Mode	Dual
Reference scan mode	Integrated

Image Filter	Off
Distortion Corr.	Off
Prescan Normalize	Off
Normalize	Off
B1 filter	Off

Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Special sat.	None

Tim CT mode	Off

System

Body	Off
BO1	On
BO2	Off
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	On
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
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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

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
Save original images	On

SIEMENS MAGNETOM Verio syngo MR B17

Sequence

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Bandwidth	199 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	10.7 ms

Define	Turbo factor
Turbo factor	26
Echo trains per slice	4
RF pulse type	Low SAR
Gradient mode	Normal

SIEMENS MAGNETOM Verio syngo MR B17

\\USER\RESEARCH\Prostata\IMPROD\localizer_cor_tse=ref

TA: 0:20 PAT: 2 Voxel size: 1.8x1.0x3.0 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	10
Dist. factor	0 %
Position	L0.0 P25.2 H8.7
Orientation	Coronal
Phase enc. dir.	R >> L
Rotation	0.00 deg
Phase oversampling	100 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3000 ms
TE	85 ms
Averages	1
Concatenations	1
Filter	Prescan Normalize
Coil elements	BO1;SP5,7

Contrast

MTC	Off
Magn. preparation	None
Flip angle	150 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	192
Phase resolution	58 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	27
Matrix Coil Mode	Dual
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	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Special sat.	None

Tim CT mode	Off

System

Body	Off
BO1	On
BO2	Off
SP4	Off
SP2	Off
SP8	Off
SP6	Off
SP3	Off
SP1	Off
SP7	On
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
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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

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
Save original images	On

SIEMENS MAGNETOM Verio syngo MR B17

Sequence

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Bandwidth	199 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	10.7 ms

Define	Turbo factor
Turbo factor	25
Echo trains per slice	5
RF pulse type	Low SAR
Gradient mode	Normal

SIEMENS MAGNETOM Verio syngo MR B17

\\USER\RESEARCH\Prostata\IMPROD\t2_tse_sag_320_p2

TA: 2:28 PAT: 2 Voxel size: 0.7x0.6x3.0 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	30
Dist. factor	0 %
Position	L4.8 P36.8 H4.8
Orientation	Sagittal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	43 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	8640 ms
TE	101 ms
Averages	2
Concatenations	1
Filter	Prescan Normalize
Coil elements	BO1;SP5-7

Contrast

MTC	Off
Magn. preparation	None
Flip angle	150 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	320
Phase resolution	85 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Self-calibration

Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off

B1 filter	Off
Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Special sat.	None

Tim CT mode	Off

System

Body	Off
BO1	On
BO2	Off
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	On
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
Save uncombined	Off
Coil Combine Mode	Adaptive Combine
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

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
Save original images	On

SIEMENS MAGNETOM Verio syngo MR B17

Sequence

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Bandwidth	200 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	11.2 ms

Define	Turbo factor
Turbo factor	25
Echo trains per slice	8
RF pulse type	Low SAR
Gradient mode	Normal

SIEMENS MAGNETOM Verio syngo MR B17

\\USER\RESEARCH\Prostata\IMPROD\t2_tse_tra_320

TA: 2:16 PAT: 2 Voxel size: 0.6x0.6x3.0 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	22
Dist. factor	0 %
Position	R11.6 P33.5 F52.5
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	50 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	6400 ms
TE	101 ms
Averages	2
Concatenations	1
Filter	Prescan Normalize
Coil elements	BO1;SP6

Contrast

MTC	Off
Magn. preparation	None
Flip angle	150 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	320
Phase resolution	97 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Self-calibration
Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off

B1 filter	Off
Raw filter	Off
Elliptical filter	Off

Geometry

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

System

Body	Off
BO1	On
BO2	Off
SP4	Off
SP2	Off
SP8	Off
SP6	On
SP3	Off
SP1	Off
SP7	Off
SP5	Off
Positioning mode	REF
Table position	F
Table position	52 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	R11.6 P33.5 F52.5
Orientation	Transversal
Rotation	0.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	66 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
Save original images	On

SIEMENS MAGNETOM Verio syngo MR B17

Sequence

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Bandwidth	200 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	11.2 ms

Define	Turbo factor
Turbo factor	25
Echo trains per slice	10
RF pulse type	Low SAR
Gradient mode	Normal

SIEMENS MAGNETOM Verio syngo MR B17

\\USER\RESEARCH\Prostata\IMPROD\diff_tra_b0_100_200_350_500

TA: 5:06 PAT: 2 Voxel size: 2.0x2.0x3.0 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	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	16
Dist. factor	0 %
Position	L8.4 P30.5 F105.4
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	25 %
FoV read	260 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	5543 ms
TE	80 ms
Averages	4
Concatenations	1
Filter	Raw filter, Prescan Normalize
Coil elements	BO1;SP3

Contrast

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

Resolution

Base resolution	128
Phase resolution	100 %
Phase partial Fourier	6/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Separate
Distortion Corr.	Off
Prescan Normalize	On
Raw filter	On
Intensity	Weak
Slope	25
Elliptical filter	Off
Hamming	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Sat. region 1

Thickness	80 mm
Position	L0.0 A66.5 H0.0
Orientation	Coronal

Sat. region 2

Thickness	80 mm
Position	L0.0 P125.2 H0.0
Orientation	Coronal
Special sat.	None

System

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

Positioning mode

Positioning mode	REF
Table position	F
Table position	102 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Adaptive Combine
Auto Coil Select	Default

Shim mode

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	L8.4 P30.5 F105.4
Orientation	Transversal
Rotation	0.00 deg
R >> L	260 mm
A >> P	260 mm
F >> H	48 mm

Physio

1st Signal/Mode	None
Resp. control	Off

Diff

Diffusion mode	3-Scan Trace
Diff. weightings	5
b-value 1	0 s/mm ²
b-value 2	100 s/mm ²
b-value 3	200 s/mm ²
b-value 4	350 s/mm ²
b-value 5	500 s/mm ²
Diff. weighted images	Off
Trace weighted images	On
Average ADC maps	On
Individual ADC maps	Off
FA maps	Off
Mosaic	Off

SIEMENS MAGNETOM Verio syngo MR B17

Tensor	Off
Noise level	20
Diff. directions	3

Sequence

Introduction	On
Bandwidth	1184 Hz/Px
Free echo spacing	Off
Echo spacing	0.95 ms

EPI factor	128
RF pulse type	Low SAR
Gradient mode	Fast

SIEMENS MAGNETOM Verio syngo MR B17

\\USER\RESEARCH\Prostata\IMPROD\b_1500

TA: 1:37 PAT: 2 Voxel size: 2.0x2.0x5.0 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	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	10
Dist. factor	0 %
Position	L8.4 P30.5 F3.4
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	25 %
FoV read	260 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	5000 ms
TE	87 ms
Averages	4
Concatenations	1
Filter	Raw filter, Prescan Normalize
Coil elements	SP3

Contrast

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

Resolution

Base resolution	128
Phase resolution	100 %
Phase partial Fourier	6/8
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Separate
Distortion Corr.	Off
Prescan Normalize	On
Raw filter	On
Intensity	Weak
Slope	25
Elliptical filter	Off
Hamming	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Sat. region 1	
Thickness	80 mm
Position	L0.0 A66.5 H102.0
Orientation	Coronal
Sat. region 2	
Thickness	80 mm
Position	L0.0 P125.2 H102.0
Orientation	Coronal
Special sat.	None

System

Body	Off
HEP	Off
SP4	Off
SP2	Off
SP8	Off
SP6	Off
SP3	On
SP1	Off
SP7	Off
SP5	Off

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	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	L8.4 P30.5 F3.4
Orientation	Transversal
Rotation	0.00 deg
R >> L	260 mm
A >> P	260 mm
F >> H	50 mm

Physio

1st Signal/Mode	None
Resp. control	Off

Diff

Diffusion mode	3-Scan Trace
Diff. weightings	2
b-value 1	0 s/mm ²
b-value 2	1500 s/mm ²
Diff. weighted images	Off
Trace weighted images	On
Average ADC maps	On
Individual ADC maps	Off
FA maps	Off
Mosaic	Off
Tensor	Off
Noise level	20
Diff. directions	3

SIEMENS MAGNETOM Verio syngo MR B17

Sequence

Introduction	On
Bandwidth	1628 Hz/Px
Free echo spacing	Off
Echo spacing	0.7 ms

EPI factor	128
RF pulse type	Low SAR
Gradient mode	Fast

SIEMENS MAGNETOM Verio syngo MR B17

\\USER\RESEARCH\Prostata\IMPROD\b_2000

TA: 1:37 PAT: 2 Voxel size: 2.0x2.0x5.0 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	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	10
Dist. factor	0 %
Position	L8.4 P30.5 F3.4
Orientation	Transversal
Phase enc. dir.	A >> P
Rotation	0.00 deg
Phase oversampling	25 %
FoV read	260 mm
FoV phase	100.0 %
Slice thickness	5.0 mm
TR	5000 ms
TE	87 ms
Averages	4
Concatenations	1
Filter	Raw filter, Prescan Normalize
Coil elements	SP3

Contrast

MTC	Off
Magn. preparation	None
Fat suppr.	SPAIR

Averaging mode	Long term
Reconstruction	Magnitude
Delay in TR	0 ms

Resolution

Base resolution	128
Phase resolution	100 %
Phase partial Fourier	6/8
Interpolation	Off

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Separate

Distortion Corr.	Off
Prescan Normalize	On
Raw filter	On
Intensity	Weak
Slope	25
Elliptical filter	Off
Hamming	Off

Geometry

Multi-slice mode	Interleaved
Series	Interleaved

Sat. region 1

Thickness	80 mm
Position	L0.0 A66.5 H102.0
Orientation	Coronal

Sat. region 2

Thickness	80 mm
Position	L0.0 P125.2 H102.0
Orientation	Coronal
Special sat.	None

System

Body	Off
HEP	Off
SP4	Off
SP2	Off
SP8	Off
SP6	Off
SP3	On
SP1	Off
SP7	Off
SP5	Off

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	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	L8.4 P30.5 F3.4
Orientation	Transversal
Rotation	0.00 deg
R >> L	260 mm
A >> P	260 mm
F >> H	50 mm

Physio

1st Signal/Mode	None

Resp. control	Off

Diff

Diffusion mode	3-Scan Trace
Diff. weightings	2
b-value 1	0 s/mm ²
b-value 2	2000 s/mm ²
Diff. weighted images	Off
Trace weighted images	On
Average ADC maps	On
Individual ADC maps	Off
FA maps	Off
Mosaic	Off
Tensor	Off
Noise level	20
Diff. directions	3

SIEMENS MAGNETOM Verio syngo MR B17

Sequence

Introduction	On
Bandwidth	1628 Hz/Px
Free echo spacing	Off
Echo spacing	0.7 ms

EPI factor	128
RF pulse type	Low SAR
Gradient mode	Fast

Table of contents

\\USER				
	RESEARCH			
		Prostata		
			IMPROD	
				localizer_sag_tse
				localizer_tra_tse
				Copy "Table Postion" from localizer_tra_tse
				localizer_sag_tse=ref
				localizer_cor_tse=ref
				t2_tse_sag_320_p2
				t2_tse_tra_320
				diff_tra_b0_100_200_350_500
				b_1500
				b_2000