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\\USER\BODY_CCF\PROSTATE\PROSTATE\localizer

TA: 0:17 PM: ISO Voxel size: 0.8×0.8×10.0 mmPAT: Off Rel. SNR: 1.00 : fl

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	On
Load images to graphic segments	On
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	On
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slice group	1
Slices	6
Dist. factor	100 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
Slice group	2
Slices	3
Dist. factor	100 %
Position	Isocenter
Orientation	Coronal
Phase enc. dir.	R >> L
Slice group	3
Slices	3
Dist. factor	100 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
FoV read	400 mm
FoV phase	100.0 %
Slice thickness	10.0 mm
TR	7.6 ms
TE	3.69 ms
Averages	1
Concatenations	12
Filter	Distortion Corr.(2D), Prescan Normalize
Coil elements	BO1-3;SP4-6

Contrast - Common

TR	7.6 ms
TE	3.69 ms
TD	0 ms
MTC	Off
Magn. preparation	None
Flip angle	20 deg
Fat suppr.	None
Water suppr.	None
SWI	Off

Contrast - Dynamic

Averages	1
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1

Contrast - Dynamic

Multiple series	Each measurement
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Resolution - Common

FoV read	400 mm
FoV phase	100.0 %
Slice thickness	10.0 mm
Base resolution	256
Phase resolution	75 %
Phase partial Fourier	7/8
Interpolation	On

Resolution - iPAT

PAT mode	None
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Resolution - Filter Image

Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	On
Unfiltered images	Off
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slice group	1
Slices	6
Dist. factor	100 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
Slice group	2
Slices	3
Dist. factor	100 %
Position	Isocenter
Orientation	Coronal
Phase enc. dir.	R >> L
Slice group	3
Slices	3
Dist. factor	100 %
Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
FoV read	400 mm
FoV phase	100.0 %
Slice thickness	10.0 mm
TR	7.6 ms
Multi-slice mode	Sequential
Series	Interleaved
Concatenations	12

Geometry - AutoAlign

Slice group	1
Slice group	2
Slice group	3
AutoAlign	---

Geometry - AutoAlign

Position	Isocenter
Orientation	Sagittal
Phase enc. dir.	A >> P
Initial Position	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
Initial Rotation	0.00 deg
Initial Orientation	Transversal

Geometry - Saturation

Saturation mode	Standard
Fat suppr.	None
Water suppr.	None
Special sat.	None

System - Miscellaneous

Positioning mode	ISO
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	On - AutoCoilSelect

System - Adjustments

B0 Shim mode	Tune up
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
A >> P	263 mm
R >> L	350 mm
F >> H	350 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	7.6 ms
Concatenations	12
Segments	1

Physio - Cardiac

Magn. preparation	None
Fat suppr.	None
Dark blood	Off
FoV read	400 mm
FoV phase	100.0 %
Phase resolution	75 %

Physio - PACE

Resp. control	Off
Concatenations	12

Inline - Common

Subtract	Off
Measurements	1
StdDev	Off
Liver registration	Off
Save original images	On

Inline - MIP

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

Inline - Soft Tissue

Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Measurements	1

Inline - Composing

Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Sequence - Part 1

Introduction	On
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Off
Contrasts	1
Flow comp.	No
Multi-slice mode	Sequential
Bandwidth	320 Hz/Px

Sequence - Part 2

Segments	1
Acoustic noise reduction	None
RF pulse type	Normal
Gradient mode	Fast
Excitation	Slice-sel.
RF spoiling	On

Sequence - Assistant

Mode	Min flip angle
Min flip angle	90 deg
Allowed delay	0 s

\\USER\BODY_CCF\PROSTATE\PROSTATE\t2_tse_sag_320_p2

TA: 1:55 PM: ISO Voxel size: 0.5×0.5×3.0 mmPAT: 2 Rel. SNR: 1.00 : tse

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	On
Load images to graphic segments	On
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slice group	1
Slices	25
Dist. factor	20 %
Position	L6.4 P42.6 H14.0 mm
Orientation	Sagittal
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	40 %
FoV read	210 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3340.0 ms
TE	116.0 ms
Averages	2
Concatenations	2
Filter	Distortion Corr.(2D), Prescan Normalize
Coil elements	BO1-3;SP4,5

Contrast - Common

TR	3340.0 ms
TE	116.0 ms
TD	0.0 ms
MTC	Off
Magn. preparation	None
Flip angle	120 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off

Contrast - Dynamic

Averages	2
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution - Common

FoV read	210 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
Base resolution	384
Phase resolution	70 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Reference scan mode	Self-calibration

Resolution - Filter Image

Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	On
Unfiltered images	Off
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slice group	1
Slices	25
Dist. factor	20 %
Position	L6.4 P42.6 H14.0 mm
Orientation	Sagittal
Phase enc. dir.	A >> P
FoV read	210 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3340.0 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice group	1
AutoAlign	---
Position	L6.4 P42.6 H14.0 mm
Orientation	Sagittal
Phase enc. dir.	A >> P
Initial Position	L6.4 P42.6 H14.0
L	6.4 mm
P	42.6 mm
H	14.0 mm
Initial Rotation	0.00 deg
Initial Orientation	Sagittal

Geometry - Saturation

Sat. region	1
Thickness	86 mm
Position	L0.0 A68.4 F4.1 mm
Orientation	C > T-3.4
Shape	Standard
Water suppr.	None
Restore magn.	Off
Special sat.	None

Geometry - Navigator

System - Miscellaneous

Positioning mode	ISO
Table position	H
Table position	14 mm
MSMA	T - C - S
Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Tune up
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
A >> P	263 mm
R >> L	350 mm
F >> H	350 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	3340.0 ms
Concatenations	2

Physio - Cardiac

Magn. preparation	None
Fat suppr.	None
Dark blood	Off
FoV read	210 mm
FoV phase	100.0 %
Phase resolution	70 %
Trajectory	Cartesian

Physio - PACE

Resp. control	Off
Concatenations	2

Inline - Common

Subtract	Off
Measurements	1
StdDev	Off
Save original images	On

Inline - MIP

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

Inline - Composing

Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Sequence - Part 1

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Flow comp.	No
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	9.7 ms
Bandwidth	200 Hz/Px

Sequence - Part 2

Define	Turbo factor
Echo trains per slice	8
Phase correction	Automatic
Acoustic noise reduction	None
RF pulse type	Normal
Gradient mode	Fast
Hyperecho	Off
WARP	Off
Red. EC sensitivity	Off
Turbo factor	25

Sequence - Assistant

Mode	Min flip angle
Min flip angle	120 deg
Allowed delay	30 s

\\USER\BODY_CCF\PROSTATE\PROSTATE\DWI b100 b400 b1000

TA: 5:07 PM: ISO Voxel size: 1.5×1.5×3.0 mmPAT: 2 Rel. SNR: 1.00 : epse

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	On
Load images to graphic segments	Off
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slice group	1
Slices	28
Dist. factor	0 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
AutoAlign	---
Phase oversampling	50 %
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	4700 ms
TE	86.0 ms
Concatenations	1
Filter	Raw filter, Dynamic Field Corr., Distortion Corr.(2D), Prescan Normalize
Coil elements	BO2,3;SP4,5

Contrast - Common

TR	4700 ms
TE	86.0 ms
MTC	Off
Magn. preparation	None
Fat suppr.	Fat sat.
Fat sat. mode	Strong

Contrast - Dynamic

Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Delay in TR	0 ms

Resolution - Common

FoV read	200 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
Base resolution	130
Phase resolution	85 %
Phase partial Fourier	7/8
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24

Resolution - iPAT

Reference scan mode	EPI/separate
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Resolution - Filter Image

Distortion Corr.	On
Mode	2D
Prescan Normalize	On
Dynamic Field Corr.	On
Unfiltered images	Off

Resolution - Filter Rawdata

Raw filter	On
Elliptical filter	Off

Geometry - Common

Slice group	1
Slices	28
Dist. factor	0 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
FoV read	200 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	4700 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	1

Geometry - AutoAlign

Slice group	1
AutoAlign	---
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
Initial Position	R9.7 P38.2 H54.7
R	9.7 mm
P	38.2 mm
H	54.7 mm
Initial Rotation	90.00 deg
Initial Orientation	T > C
T > C	-16.4
> S	-0.7

Geometry - Saturation

Sat. region	1
Thickness	120 mm
Position	R215.1 A0.6 F2.0 mm
Orientation	S > T0.5 > C0.2
Sat. region	2
Thickness	120 mm
Position	L180.8 A1.9 F7.3 mm
Orientation	S > T1.0 > C0.2
Fat sat. mode	Strong
Special sat.	None

Geometry - Navigator**System - Miscellaneous**

Positioning mode	ISO
Table position	H

System - Miscellaneous

Table position	55 mm
MSMA	T - C - S
Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Standard
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Rotation	90.00 deg
R >> L	200 mm
A >> P	200 mm
F >> H	84 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	4700 ms
Concatenations	1

Physio - PACE

Resp. control	Off
Concatenations	1

Diff - Neuro

Diffusion mode	3-Scan Trace
Diff. directions	3
Diffusion Scheme	Monopolar
Diff. weightings	3
b-value 1	50 s/mm ²
b-value 2	400 s/mm ²
b-value 3	900 s/mm ²
b-value 1	2
b-value 2	4
b-value 3	14
Diff. weighted images	Off
Trace weighted images	On
ADC maps	On
FA maps	Off
Mosaic	Off
Tensor	Off
Noise level	5

Diff - Body

Diffusion mode	3-Scan Trace
Diff. directions	3
Diffusion Scheme	Monopolar
Diff. weightings	3
b-value 1	50 s/mm ²
b-value 2	400 s/mm ²
b-value 3	900 s/mm ²
b-value 1	2
b-value 2	4
b-value 3	14
Diff. weighted images	Off
Trace weighted images	On
ADC maps	On
Exponential ADC Maps	Off
FA maps	Off
Invert Gray Scale	Off
Calculated Image	On
Calculated bValue	1500 s/mm ²
b-Value >=	0 s/mm ²
Noise level	5

Diff - Composing

Distortion Corr.	On
Mode	2D

Sequence - Part 1

Introduction	On
Optimization	None
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	0.94 ms
Bandwidth	1202 Hz/Px

Sequence - Part 2

EPI factor	111
RF pulse type	Normal
Gradient mode	Fast*

\\USER\BODY_CCF\PROSTATE\PROSTATE\t2_tse_cor_320_p2

TA: 2:31 PM: ISO Voxel size: 0.5×0.5×3.0 mmPAT: 2 Rel. SNR: 1.00 : tse

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	On
Load images to graphic segments	On
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slice group	1
Slices	25
Dist. factor	20 %
Position	R10.3 P32.2 H64.2 mm
Orientation	C > T16.8 > S1.9
Phase enc. dir.	R >> L
AutoAlign	---
Phase oversampling	100 %
FoV read	210 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3260.0 ms
TE	126.0 ms
Averages	2
Concatenations	2
Filter	Distortion Corr.(2D), Prescan Normalize
Coil elements	BO2,3;SP4-6

Contrast - Common

TR	3260.0 ms
TE	126.0 ms
TD	0.0 ms
MTC	Off
Magn. preparation	None
Flip angle	120 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off

Contrast - Dynamic

Averages	2
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution - Common

FoV read	210 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
Base resolution	384
Phase resolution	70 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Reference scan mode	Self-calibration

Resolution - Filter Image

Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	On
Unfiltered images	Off
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slice group	1
Slices	25
Dist. factor	20 %
Position	R10.3 P32.2 H64.2 mm
Orientation	C > T16.8 > S1.9
Phase enc. dir.	R >> L
FoV read	210 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3260.0 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice group	1
AutoAlign	---
Position	R10.3 P32.2 H64.2 mm
Orientation	C > T16.8 > S1.9
Phase enc. dir.	R >> L
Initial Position	R10.3 P32.2 H64.2
R	10.3 mm
P	32.2 mm
H	64.2 mm
Initial Rotation	0.00 deg
Initial Orientation	C > T
C > T	16.8
> S	1.9

Geometry - Saturation

Fat suppr.	None
Water suppr.	None
Restore magn.	Off
Special sat.	None

Geometry - Navigator**System - Miscellaneous**

Positioning mode	ISO
Table position	H

System - Miscellaneous

Table position	64 mm
MSMA	T - C - S
Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Tune up
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
A >> P	263 mm
R >> L	350 mm
F >> H	350 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	3260.0 ms
Concatenations	2

Physio - Cardiac

Magn. preparation	None
Fat suppr.	None
Dark blood	Off
FoV read	210 mm
FoV phase	100.0 %
Phase resolution	70 %
Trajectory	Cartesian

Physio - PACE

Resp. control	Off
Concatenations	2

Inline - Common

Subtract	Off
Measurements	1
StdDev	Off
Save original images	On

Inline - MIP

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

Inline - Composing

Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Sequence - Part 1

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Flow comp.	No
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	9.7 ms
Bandwidth	200 Hz/Px

Sequence - Part 2

Define	Turbo factor
Echo trains per slice	11
Phase correction	Automatic
Acoustic noise reduction	None
RF pulse type	Normal
Gradient mode	Fast
Hyperecho	Off
WARP	Off
Red. EC sensitivity	Off
Turbo factor	25

Sequence - Assistant

Mode	Min flip angle
Min flip angle	120 deg
Allowed delay	30 s

\\USER\BODY_CCF\PROSTATE\PROSTATE\AX TSE T2

TA: 2:53 PM: ISO Voxel size: 0.6×0.6×3.0 mmPAT: 2 Rel. SNR: 1.00 : tse

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	On
Load images to graphic segments	On
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slice group	1
Slices	28
Dist. factor	0 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
AutoAlign	---
Phase oversampling	100 %
FoV read	180 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3730.0 ms
TE	121 ms
Averages	2
Concatenations	2
Filter	Distortion Corr.(2D), Prescan Normalize
Coil elements	BO2,3;SP4,5

Contrast - Common

TR	3730.0 ms
TE	121 ms
TD	0.0 ms
MTC	Off
Magn. preparation	None
Flip angle	138 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off

Contrast - Dynamic

Averages	2
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution - Common

FoV read	180 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
Base resolution	320
Phase resolution	80 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Reference scan mode	Self-calibration

Resolution - Filter Image

Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	On
Unfiltered images	Off
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slice group	1
Slices	28
Dist. factor	0 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
FoV read	180 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3730.0 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice group	1
AutoAlign	---
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
Initial Position	R9.7 P38.2 H54.7
R	9.7 mm
P	38.2 mm
H	54.7 mm
Initial Rotation	90.00 deg
Initial Orientation	T > C
T > C	-16.4
> S	-0.7

Geometry - Saturation

Sat. region	1
Thickness	86 mm
Position	L0.0 A77.1 F14.6 mm
Orientation	C > T-3.4
Shape	Standard
Water suppr.	None
Restore magn.	Off
Special sat.	None

Geometry - Navigator

System - Miscellaneous

Positioning mode	ISO
Table position	H
Table position	55 mm
MSMA	T - C - S
Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Tune up
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
A >> P	263 mm
R >> L	350 mm
F >> H	350 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	3730.0 ms
Concatenations	2

Physio - Cardiac

Magn. preparation	None
Fat suppr.	None
Dark blood	Off
FoV read	180 mm
FoV phase	100.0 %
Phase resolution	80 %
Trajectory	Cartesian

Physio - PACE

Resp. control	Off
Concatenations	2

Inline - Common

Subtract	Off
Measurements	1
StdDev	Off
Save original images	On

Inline - MIP

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

Inline - Composing

Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Sequence - Part 1

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Flow comp.	No
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	10.1 ms
Bandwidth	200 Hz/Px

Sequence - Part 2

Define	Turbo factor
Echo trains per slice	11
Phase correction	Automatic
Acoustic noise reduction	None
RF pulse type	Normal
Gradient mode	Fast
Hyperecho	Off
WARP	Off
Red. EC sensitivity	Off
Turbo factor	25

Sequence - Assistant

Mode	Min flip angle
Min flip angle	120 deg
Allowed delay	30 s

\\USER\BODY_CCF\PROSTATE\PROSTATE\AX T2 BLADE

TA: 2:54 PM: ISO Voxel size: 0.7×0.7×3.0 mmPAT: 2 Rel. SNR: 1.00 : tseBR

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slice group	1
Slices	28
Dist. factor	0 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	62.5 %
FoV read	210 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	2500.0 ms
TE	115 ms
Averages	1
Concatenations	3
Filter	Distortion Corr.(2D), Prescan Normalize
Coil elements	BO2,3;SP4,5

Contrast - Common

TR	2500.0 ms
TE	115 ms
TD	0.0 ms
MTC	Off
Magn. preparation	None
Flip angle	135 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	On

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution - Common

FoV read	210 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
Base resolution	320
BLADE coverage	100.0 %
Trajectory	BLADE
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	8
Reference scan mode	Integrated

Resolution - Filter Image

Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	On
Unfiltered images	Off
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slice group	1
Slices	28
Dist. factor	0 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	A >> P
FoV read	210 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	2500.0 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	3

Geometry - AutoAlign

Slice group	1
AutoAlign	---
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	A >> P
Initial Position	R9.7 P38.2 H54.7
R	9.7 mm
P	38.2 mm
H	54.7 mm
Initial Rotation	0.00 deg
Initial Orientation	T > C
T > C	-16.4
> S	-0.7

Geometry - Saturation

Fat suppr.	None
Water suppr.	None
Restore magn.	On
Special sat.	Parallel F/H
Gap	10 mm
Thickness	60 mm

Geometry - Navigator

System - Miscellaneous

Positioning mode	ISO
Table position	H
Table position	55 mm
MSMA	T - C - S
Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Standard
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Rotation	0.00 deg
A >> P	210 mm
R >> L	210 mm
F >> H	84 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	2500.0 ms
Concatenations	3

Physio - Cardiac

Magn. preparation	None
Fat suppr.	None
Dark blood	Off
FoV read	210 mm
FoV phase	100.0 %
BLADE coverage	100.0 %
Trajectory	BLADE

Physio - PACE

Resp. control	Off
Concatenations	3

Inline - Common

Subtract	Off
Measurements	1
StdDev	Off
Save original images	On

Inline - MIP

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

Inline - Composing

Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Sequence - Part 1

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Contrasts	1
Flow comp.	No
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	9.6 ms
Bandwidth	200 Hz/Px

Sequence - Part 2

Define	Turbo factor
Echo trains per slice	22
Phase correction	Automatic
Acoustic noise reduction	None
RF pulse type	Normal
Gradient mode	Fast
Hyperecho	Off
WARP	Off
Motion correction	Off
Red. EC sensitivity	Off
Turbo factor	23

Sequence - Assistant

Mode	Min flip angle
Min flip angle	120 deg
Allowed delay	60 s

\\USER\BODY_CCF\PROSTATE\PROSTATE\t2_spc_tra_p2_320

TA: 6:04 PM: ISO Voxel size: 0.8×0.8×1.0 mmPAT: 2 Rel. SNR: 1.00 : spc

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	On
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slab group	1
Slabs	1
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
AutoAlign	---
Phase oversampling	100 %
Slice oversampling	9.1 %
Slices per slab	88
FoV read	240 mm
FoV phase	75.0 %
Slice thickness	1.00 mm
TR	2500 ms
TE	225 ms
Averages	1.4
Concatenations	1
Filter	Raw filter, Distortion Corr.(2D), Prescan Normalize
Coil elements	BO2,3;SP4,5

Contrast - Common

TR	2500 ms
TE	225 ms
MTC	Off
Magn. preparation	None
Fat suppr.	None
Blood suppr.	Body
Restore magn.	Off

Contrast - Dynamic

Averages	1.4
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution - Common

FoV read	240 mm
FoV phase	75.0 %
Slice thickness	1.00 mm
Base resolution	320
Phase resolution	95 %
Slice resolution	67 %
Phase partial Fourier	Allowed
Slice partial Fourier	Off
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Accel. factor 3D	1
Reference scan mode	Integrated

Resolution - Filter Image

Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	On
Unfiltered images	Off
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	On
Elliptical filter	Off

Geometry - Common

Slab group	1
Slabs	1
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
Slice oversampling	9.1 %
Slices per slab	88
FoV read	240 mm
FoV phase	75.0 %
Slice thickness	1.00 mm
TR	2500 ms
Series	Ascending
Concatenations	1

Geometry - AutoAlign

Slab group	1
AutoAlign	---
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
Initial Position	R9.7 P38.2 H54.7
R	9.7 mm
P	38.2 mm
H	54.7 mm
Initial Rotation	90.00 deg
Initial Orientation	T > C
T > C	-16.4
> S	-0.7

Geometry - Saturation

Sat. region	1
Thickness	86 mm
Position	L0.0 A77.1 F14.6 mm
Orientation	C > T-3.4
Restore magn.	Off
Special sat.	Parallel F/H
Gap	10 mm
Thickness	60 mm

Geometry - Navigator**System - Miscellaneous**

Positioning mode	ISO
Table position	H
Table position	55 mm
MSMA	T - C - S
Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Standard
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Rotation	90.00 deg
R >> L	180 mm
A >> P	240 mm
F >> H	88 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
Trigger delay	0 ms
TR	2500 ms
Concatenations	1

Physio - Cardiac

Magn. preparation	None
Fat suppr.	None
Dark blood	Off
FoV read	240 mm
FoV phase	75.0 %
Phase resolution	95 %

Physio - PACE

Resp. control	Off
Concatenations	1

Inline - Common

Subtract	Off
Measurements	1

Inline - Common

StdDev	Off
Save original images	On

Inline - MIP

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

Inline - Composing

Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Sequence - Part 1

Introduction	On
Dimension	3D
Elliptical scanning	Off
Reordering	Linear
Flow comp.	No
Echo spacing	4.76 ms
Adiabatic-mode	On
Bandwidth	488 Hz/Px

Sequence - Part 2

Echo train duration	538 ms
RF pulse type	Normal
Gradient mode	Fast
Excitation	Slab-sel.
Flip angle mode	T2 var
Turbo factor	150

Sequence - Assistant

Allowed delay	60 s
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\\USER\BODY_CCF\PROSTATE\PROSTATE\AX T1

TA: 2:25 PM: ISO Voxel size: 0.5×0.5×3.0 mmPAT: 2 Rel. SNR: 1.00 : tse

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slice group	1
Slices	28
Dist. factor	0 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
AutoAlign	---
Phase oversampling	100 %
FoV read	180 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	685.0 ms
TE	12 ms
Averages	2
Concatenations	2
Filter	Distortion Corr.(2D), Prescan Normalize
Coil elements	BO2,3;SP4,5

Contrast - Common

TR	685.0 ms
TE	12 ms
TD	0.0 ms
MTC	Off
Magn. preparation	None
Flip angle	120 deg
Fat suppr.	None
Water suppr.	None
Restore magn.	Off

Contrast - Dynamic

Averages	2
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution - Common

FoV read	180 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
Base resolution	192
Phase resolution	80 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	On

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Reference scan mode	Self-calibration

Resolution - Filter Image

Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	On
Unfiltered images	Off
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slice group	1
Slices	28
Dist. factor	0 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
FoV read	180 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	685.0 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	2

Geometry - AutoAlign

Slice group	1
AutoAlign	---
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	R >> L
Initial Position	R9.7 P38.2 H54.7
R	9.7 mm
P	38.2 mm
H	54.7 mm
Initial Rotation	90.00 deg
Initial Orientation	T > C
T > C	-16.4
> S	-0.7

Geometry - Saturation

Sat. region	1
Thickness	86 mm
Position	L0.0 A77.1 F14.6 mm
Orientation	C > T-3.4
Shape	Standard
Water suppr.	None
Restore magn.	Off
Special sat.	None

Geometry - Navigator

System - Miscellaneous

Positioning mode	ISO
Table position	H
Table position	55 mm
MSMA	T - C - S
Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Tune up
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	Isocenter
Orientation	Transversal
Rotation	0.00 deg
A >> P	263 mm
R >> L	350 mm
F >> H	350 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
TR	685.0 ms
Concatenations	2

Physio - Cardiac

Magn. preparation	None
Fat suppr.	None
Dark blood	Off
FoV read	180 mm
FoV phase	100.0 %
Phase resolution	80 %
Trajectory	Cartesian

Physio - PACE

Resp. control	Off
Concatenations	2

Inline - Common

Subtract	Off
Measurements	1
StdDev	Off
Save original images	On

Inline - MIP

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

Inline - Composing

Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Sequence - Part 1

Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	On
Contrasts	1
Flow comp.	No
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	11.5 ms
Bandwidth	170 Hz/Px

Sequence - Part 2

Define	Turbo factor
Echo trains per slice	52
Phase correction	Automatic
Acoustic noise reduction	None
RF pulse type	Low SAR
Gradient mode	Normal
Hyperecho	Off
WARP	Off
Red. EC sensitivity	Off
Turbo factor	3

Sequence - Assistant

Mode	Min flip angle
Min flip angle	120 deg
Allowed delay	30 s

\\USER\BODY_CCF\PROSTATE\PROSTATE\t1_vibe_tra_pre_flip_2deg

TA: 8.6 s PM: FIX Voxel size: 1.4×1.4×3.0 mmPAT: Off Rel. SNR: 1.00 : fl

Properties

Prio recon	Off
Load images to viewer	Off
Inline movie	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	On
Start measurements	Single measurement

Routine

Slab group	1
Slabs	1
Dist. factor	20 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
Slice oversampling	0.0 %
Slices per slab	36
FoV read	260 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3.16 ms
TE	1.14 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	BO2,3;SP4,5

Contrast - Common

TR	3.16 ms
TE	1.14 ms
Flip angle	2.0 deg
Fat suppr.	None
Water suppr.	None
Dixon	Off

Contrast - Dynamic

Averages	1
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution - Common

FoV read	260 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
Base resolution	192
Phase resolution	65 %
Slice resolution	78 %
Phase partial Fourier	Off
Slice partial Fourier	Off
Trajectory	Cartesian
View sharing	Off

Resolution - Common

Interpolation	Off
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Resolution - iPAT

PAT mode	None
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Resolution - Filter Image

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

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off
POCS	Off

Geometry - Common

Slab group	1
Slabs	1
Dist. factor	20 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	A >> P
Slice oversampling	0.0 %
Slices per slab	36
FoV read	260 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3.16 ms
Multi-slice mode	Sequential
Series	Ascending
Concatenations	1

Geometry - AutoAlign

Slab group	1
AutoAlign	---
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	A >> P
Initial Position	R9.7 P38.2 F0.3
R	9.7 mm
P	38.2 mm
H	0.3 mm
Initial Rotation	0.00 deg
Initial Orientation	T > C
T > C	-16.4
> S	-0.7

Geometry - Saturation

Fat suppr.	None
Water suppr.	None
Dixon	Off
Special sat.	None

System - Miscellaneous

Positioning mode	FIX
Table position	H
Table position	55 mm
MSMA	T - C - S

System - Miscellaneous

Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Standard
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Rotation	0.00 deg
A >> P	260 mm
R >> L	260 mm
F >> H	108 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	Low
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - PACE

Resp. control	Off
Concatenations	1

Inline - Common

View sharing	Off
Flip angle	2.0 deg
Measurements	1
Burn time-to-center	Off
Temporal interpolation	1
3D centric reordering	Off
Time to center	4.3 s

Inline - Inline

Subtract	Off
Measurements	1
StdDev	Off
Liver registration	Off
Save original images	On

Inline - MIP

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

Inline - Soft Tissue

Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Measurements	1

Inline - Composing

Distortion Corr.	Off
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Sequence - Part 1

Introduction	Off
Dimension	3D
Elliptical scanning	On
Asymmetric echo	Weak
Contrasts	1
Optimization	Min. TE
Multi-slice mode	Sequential
Bandwidth	610 Hz/Px

Sequence - Part 2

RF pulse type	Normal
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	On
Incr. Gradient spoiling	Off

Sequence - Assistant

Mode	Off
Allowed delay	180 s

\\USER\BODY_CCF\PROSTATE\PROSTATE\t1_vibe_tra_pre_flip_15deg

TA: 8.6 s PM: FIX Voxel size: 1.4×1.4×3.0 mmPAT: Off Rel. SNR: 1.00 : fl

Properties

Prio recon	Off
Load images to viewer	Off
Inline movie	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	On
Start measurements	Single measurement

Routine

Slab group	1
Slabs	1
Dist. factor	20 %
Position	L7.3 P30.7 H35.5 mm
Orientation	T > C-25.9 > S-2.7
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
Slice oversampling	0.0 %
Slices per slab	36
FoV read	260 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3.16 ms
TE	1.14 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	BO1-3;SP4,5

Contrast - Common

TR	3.16 ms
TE	1.14 ms
Flip angle	15.0 deg
Fat suppr.	None
Water suppr.	None
Dixon	Off

Contrast - Dynamic

Averages	1
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Off

Resolution - Common

FoV read	260 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
Base resolution	192
Phase resolution	65 %
Slice resolution	78 %
Phase partial Fourier	Off
Slice partial Fourier	Off
Trajectory	Cartesian
View sharing	Off

Resolution - Common

Interpolation	Off
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Resolution - iPAT

PAT mode	None
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Resolution - Filter Image

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

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off
POCS	Off

Geometry - Common

Slab group	1
Slabs	1
Dist. factor	20 %
Position	L7.3 P30.7 H35.5 mm
Orientation	T > C-25.9 > S-2.7
Phase enc. dir.	A >> P
Slice oversampling	0.0 %
Slices per slab	36
FoV read	260 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3.16 ms
Multi-slice mode	Sequential
Series	Ascending
Concatenations	1

Geometry - AutoAlign

Slab group	1
AutoAlign	---
Position	L7.3 P30.7 H35.5 mm
Orientation	T > C-25.9 > S-2.7
Phase enc. dir.	A >> P
Initial Position	L7.3 P30.7 H0.5
L	7.3 mm
P	30.7 mm
H	0.5 mm
Initial Rotation	0.00 deg
Initial Orientation	T > C
T > C	-25.9
> S	-2.7

Geometry - Saturation

Fat suppr.	None
Water suppr.	None
Dixon	Off
Special sat.	None

System - Miscellaneous

Positioning mode	FIX
Table position	H
Table position	35 mm
MSMA	T - C - S

System - Miscellaneous

Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Standard
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	L7.3 P30.7 H35.5 mm
Orientation	T > C-25.9 > S-2.7
Rotation	0.00 deg
A >> P	260 mm
R >> L	260 mm
F >> H	108 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	Low
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - PACE

Resp. control	Off
Concatenations	1

Inline - Common

View sharing	Off
Flip angle	15.0 deg
Measurements	1
Burn time-to-center	Off
Temporal interpolation	1
3D centric reordering	Off
Time to center	4.3 s

Inline - Inline

Subtract	Off
Measurements	1
StdDev	Off
Liver registration	Off
Save original images	On

Inline - MIP

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

Inline - Soft Tissue

Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Measurements	1

Inline - Composing

Distortion Corr.	Off
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Sequence - Part 1

Introduction	Off
Dimension	3D
Elliptical scanning	On
Asymmetric echo	Weak
Contrasts	1
Optimization	Min. TE
Multi-slice mode	Sequential
Bandwidth	610 Hz/Px

Sequence - Part 2

RF pulse type	Normal
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	On
Incr. Gradient spoiling	Off

Sequence - Assistant

Mode	Off
Allowed delay	180 s

\\USER\BODY_CCF\PROSTATE\PROSTATE\t1_twist_tra_dyn

TA: 5:42 PM: FIX Voxel size: 1.4×1.4×3.0 mmPAT: Off Rel. SNR: 1.00 : fl

Properties

Prio recon	Off
Load images to viewer	Off
Inline movie	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	On
Start measurements	Single measurement

Routine

Slab group	1
Slabs	1
Dist. factor	20 %
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
Slice oversampling	0.0 %
Slices per slab	36
FoV read	260 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3.16 ms
TE	1.14 ms
Averages	1
Concatenations	1
Filter	None
Coil elements	BO2,3;SP4,5

Contrast - Common

TR	3.16 ms
TE	1.14 ms
Flip angle	15.0 deg
Fat suppr.	None
Water suppr.	None
Dixon	Off

Contrast - Dynamic

Averages	1
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	40
Pause after meas. 1	0.0 s
Pause after meas. 2	0.0 s
Pause after meas. 3	0.0 s
Pause after meas. 4	0.0 s
Pause after meas. 5	0.0 s
Pause after meas. 6	0.0 s
Pause after meas. 7	0.0 s
Pause after meas. 8	0.0 s
Pause after meas. 9	0.0 s
Pause after meas. 10	0.0 s
Pause after meas. 11	0.0 s
Pause after meas. 12	0.0 s
Pause after meas. 13	0.0 s

Contrast - Dynamic

Pause after meas. 14	0.0 s
Pause after meas. 15	0.0 s
Pause after meas. 16	0.0 s
Pause after meas. 17	0.0 s
Pause after meas. 18	0.0 s
Pause after meas. 19	0.0 s
Pause after meas. 20	0.0 s
Pause after meas. 21	0.0 s
Pause after meas. 22	0.0 s
Pause after meas. 23	0.0 s
Pause after meas. 24	0.0 s
Pause after meas. 25	0.0 s
Pause after meas. 26	0.0 s
Pause after meas. 27	0.0 s
Pause after meas. 28	0.0 s
Pause after meas. 29	0.0 s
Pause after meas. 30	0.0 s
Pause after meas. 31	0.0 s
Pause after meas. 32	0.0 s
Pause after meas. 33	0.0 s
Pause after meas. 34	0.0 s
Pause after meas. 35	0.0 s
Pause after meas. 36	0.0 s
Pause after meas. 37	0.0 s
Pause after meas. 38	0.0 s
Pause after meas. 39	0.0 s
Multiple series	Off

Resolution - Common

FoV read	260 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
Base resolution	192
Phase resolution	65 %
Slice resolution	78 %
Phase partial Fourier	Off
Slice partial Fourier	Off
Trajectory	Cartesian
View sharing	Off
Interpolation	Off

Resolution - iPAT

PAT mode	None
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Resolution - Filter Image

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

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off
POCS	Off

Geometry - Common

Slab group	1
Slabs	1
Dist. factor	20 %

Geometry - Common

Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	A >> P
Slice oversampling	0.0 %
Slices per slab	36
FoV read	260 mm
FoV phase	100.0 %
Slice thickness	3.0 mm
TR	3.16 ms
Multi-slice mode	Sequential
Series	Ascending
Concatenations	1

Geometry - AutoAlign

Slab group	1
AutoAlign	---
Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Phase enc. dir.	A >> P
Initial Position	R9.7 P38.2 F0.3
R	9.7 mm
P	38.2 mm
H	0.3 mm
Initial Rotation	0.00 deg
Initial Orientation	T > C
T > C	-16.4
> S	-0.7

Geometry - Saturation

Fat suppr.	None
Water suppr.	None
Dixon	Off
Special sat.	None

System - Miscellaneous

Positioning mode	FIX
Table position	H
Table position	55 mm
MSMA	T - C - S
Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Standard
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R9.7 P38.2 H54.7 mm
Orientation	T > C-16.4 > S-0.7
Rotation	0.00 deg
A >> P	260 mm
R >> L	260 mm

System - Adjust Volume

F >> H	108 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	Low
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - PACE

Resp. control	Off
Concatenations	1

Inline - Common

View sharing	Off
Flip angle	15.0 deg
Measurements	40
Pause after meas. 1	0.0 s
Pause after meas. 2	0.0 s
Pause after meas. 3	0.0 s
Pause after meas. 4	0.0 s
Pause after meas. 5	0.0 s
Pause after meas. 6	0.0 s
Pause after meas. 7	0.0 s
Pause after meas. 8	0.0 s
Pause after meas. 9	0.0 s
Pause after meas. 10	0.0 s
Pause after meas. 11	0.0 s
Pause after meas. 12	0.0 s
Pause after meas. 13	0.0 s
Pause after meas. 14	0.0 s
Pause after meas. 15	0.0 s
Pause after meas. 16	0.0 s
Pause after meas. 17	0.0 s
Pause after meas. 18	0.0 s
Pause after meas. 19	0.0 s
Pause after meas. 20	0.0 s
Pause after meas. 21	0.0 s
Pause after meas. 22	0.0 s
Pause after meas. 23	0.0 s
Pause after meas. 24	0.0 s
Pause after meas. 25	0.0 s
Pause after meas. 26	0.0 s
Pause after meas. 27	0.0 s
Pause after meas. 28	0.0 s
Pause after meas. 29	0.0 s
Pause after meas. 30	0.0 s
Pause after meas. 31	0.0 s
Pause after meas. 32	0.0 s
Pause after meas. 33	0.0 s
Pause after meas. 34	0.0 s
Pause after meas. 35	0.0 s
Pause after meas. 36	0.0 s
Pause after meas. 37	0.0 s
Pause after meas. 38	0.0 s
Pause after meas. 39	0.0 s
Burn time-to-center	Off
Temporal interpolation	1
3D centric reordering	Off
Time to center	4.3 s

Inline - Inline

Subtract	On
Save images	On
Autoscaling	Off
Scaling factor	1
Offset	0
Subtrahend	1
Subtraction indices	
Subtraction group	1
Measurements	40
StdDev	Off
Liver registration	Off
Save original images	On

Inline - MIP

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

Inline - Soft Tissue

Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Measurements	40
Pause after meas. 1	0.0 s
Pause after meas. 2	0.0 s
Pause after meas. 3	0.0 s
Pause after meas. 4	0.0 s
Pause after meas. 5	0.0 s
Pause after meas. 6	0.0 s
Pause after meas. 7	0.0 s
Pause after meas. 8	0.0 s
Pause after meas. 9	0.0 s
Pause after meas. 10	0.0 s
Pause after meas. 11	0.0 s
Pause after meas. 12	0.0 s
Pause after meas. 13	0.0 s
Pause after meas. 14	0.0 s
Pause after meas. 15	0.0 s
Pause after meas. 16	0.0 s
Pause after meas. 17	0.0 s
Pause after meas. 18	0.0 s
Pause after meas. 19	0.0 s
Pause after meas. 20	0.0 s
Pause after meas. 21	0.0 s
Pause after meas. 22	0.0 s
Pause after meas. 23	0.0 s
Pause after meas. 24	0.0 s
Pause after meas. 25	0.0 s
Pause after meas. 26	0.0 s
Pause after meas. 27	0.0 s
Pause after meas. 28	0.0 s
Pause after meas. 29	0.0 s
Pause after meas. 30	0.0 s
Pause after meas. 31	0.0 s
Pause after meas. 32	0.0 s
Pause after meas. 33	0.0 s
Pause after meas. 34	0.0 s
Pause after meas. 35	0.0 s
Pause after meas. 36	0.0 s
Pause after meas. 37	0.0 s

Inline - Soft Tissue

Pause after meas. 38	0.0 s
Pause after meas. 39	0.0 s

Inline - Composing

Distortion Corr.	Off
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Sequence - Part 1

Introduction	Off
Dimension	3D
Elliptical scanning	On
Asymmetric echo	Weak
Contrasts	1
Optimization	Min. TE
Multi-slice mode	Sequential
Bandwidth	610 Hz/Px

Sequence - Part 2

RF pulse type	Normal
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	On
Incr. Gradient spoiling	Off

Sequence - Assistant

Mode	Off
Allowed delay	180 s

\\USER\BODY_CCF\PROSTATE\PROSTATE\AX_VIBE_Post_insp.

TA: 0:20 PM: ISO Voxel size: 1.1×1.1×3.0 mmPAT: 2 Rel. SNR: 1.00 : fl

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	On
Load images to graphic segments	On
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	On
Start measurements	Single measurement

Routine

Slab group	1
Slabs	1
Dist. factor	20 %
Position	R18.8 P34.3 H139.5 mm
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
Slice oversampling	0.0 %
Slices per slab	112
FoV read	350 mm
FoV phase	75.0 %
Slice thickness	3.0 mm
TR	3.17 ms
TE	1.51 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize
Coil elements	BO2,3;SP4-6

Contrast - Common

TR	3.17 ms
TE	1.51 ms
Flip angle	9.0 deg
Fat suppr.	Q-fat sat.
Lines Per Shot	58
Water suppr.	None
Dixon	Off

Contrast - Dynamic

Averages	1
Averaging mode	Short term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution - Common

FoV read	350 mm
FoV phase	75.0 %
Slice thickness	3.0 mm
Base resolution	320
Phase resolution	79 %
Slice resolution	64 %
Phase partial Fourier	7/8
Slice partial Fourier	6/8

Resolution - Common

Trajectory	Cartesian
View sharing	Off
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Accel. factor 3D	1
Reference scan mode	Integrated

Resolution - Filter Image

Image Filter	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	On
Unfiltered images	Off
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off
POCS	Off

Geometry - Common

Slab group	1
Slabs	1
Dist. factor	20 %
Position	R18.8 P34.3 H139.5 mm
Orientation	Transversal
Phase enc. dir.	A >> P
Slice oversampling	0.0 %
Slices per slab	112
FoV read	350 mm
FoV phase	75.0 %
Slice thickness	3.0 mm
TR	3.17 ms
Multi-slice mode	Sequential
Series	Ascending
Concatenations	1

Geometry - AutoAlign

Slab group	1
AutoAlign	---
Position	R18.8 P34.3 H139.5 mm
Orientation	Transversal
Phase enc. dir.	A >> P
Initial Position	R18.8 P34.3 H139.5
R	18.8 mm
P	34.3 mm
H	139.5 mm
Initial Rotation	0.00 deg
Initial Orientation	Transversal

Geometry - Saturation

Fat suppr.	Q-fat sat.
Water suppr.	None
Dixon	Off

Geometry - Saturation

Special sat.	Parallel F/H
Gap	10.0 mm
Thickness	50 mm

System - Miscellaneous

Positioning mode	ISO
Table position	H
Table position	140 mm
MSMA	T - C - S
Sagittal	R >> L
Coronal	P >> A
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	On - AutoCoilSelect

System - Adjustments

B0 Shim mode	Standard
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	R18.8 P34.3 H139.5 mm
Orientation	Transversal
Rotation	0.00 deg
A >> P	263 mm
R >> L	350 mm
F >> H	336 mm
Reset	Off

System - Tx/Rx

Frequency 1H	123.247004 MHz
Correction factor	1
Gain	Low
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - PACE

Resp. control	Off
Concatenations	1

Inline - Common

View sharing	Off
Flip angle	9.0 deg
Measurements	1
Burn time-to-center	Off
Temporal interpolation	1
3D centric reordering	Off
Time to center	8.9 s

Inline - Inline

Subtract	Off
Measurements	1
StdDev	Off
Liver registration	Off

Inline - Inline

Save original images	On
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Inline - MIP

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

Inline - Soft Tissue

Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Measurements	1

Inline - Composing

Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Sequence - Part 1

Introduction	Off
Dimension	3D
Elliptical scanning	Off
Reordering	Linear
Asymmetric echo	Off
Contrasts	1
Optimization	Min. TE
Multi-slice mode	Sequential
Bandwidth	870 Hz/Px

Sequence - Part 2

RF pulse type	Fast
Gradient mode	Fast
Excitation	Slab-sel.
RF spoiling	On
Incr. Gradient spoiling	Off

Sequence - Assistant

Mode	Min flip angle
Min flip angle	10.0 deg
Allowed delay	60 s