

\\QUALIFIED USER\Neuro-Urology\TASCI_main\TASCI_main_20201124\t2_tse_sag

TA: 0:59 PM: ISO Voxel size: 0.7×0.7×4.0 mmPAT: 2 Rel. SNR: 1.00 : tseR_rr

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	15
Dist. factor	10 %
Position	Isocenter
Orientation	S > T1.6
Phase enc. dir.	H >> F
AutoAlign	---
Phase oversampling	70 %
FoV read	330 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	3000.0 ms
TE	89.0 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	SP2-5

Contrast - Common

TR	3000.0 ms
TE	89.0 ms
MTC	Off
Magn. preparation	None
Flip angle	154 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	330 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
Base resolution	448
Phase resolution	70 %
Phase partial Fourier	Off
Trajectory	Cartesian
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	42
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	On

Geometry - Common

Slice group	1
Slices	15
Dist. factor	10 %
Position	Isocenter
Orientation	S > T1.6
Phase enc. dir.	H >> F
FoV read	330 mm
FoV phase	100.0 %
Slice thickness	4.0 mm
TR	3000.0 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	1

Geometry - AutoAlign

Slice group	1
Position	Isocenter
Orientation	S > T1.6
Phase enc. dir.	H >> F
AutoAlign	---
Initial Position	L0.0 P0.0 F442.0
Phase	441.8 mm
Read	0.0 mm
Shift	12.3 mm
Initial Rotation	90.00 deg
Initial Orientation	S > T
S > T	1.6
> C	0.0

Geometry - Saturation

Sat. region	1
Thickness	129 mm
Position	R0.3 A58.3 H3.8 mm
Orientation	C > T3.7 > S-0.3
Shape	Standard
Water suppr.	None
Restore magn.	On
Special sat.	None

Geometry - Navigator

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table position	F
Table position	442 mm
Inline Composing	Off

System - Miscellaneous

Positioning mode	ISO
Table position	F
Table position	442 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	L0.0 P42.9 F411.9 mm
! Orientation	T > C0.4
! Rotation	0.00 deg
! A >> P	327 mm
! R >> L	350 mm
! F >> H	470 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm
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System - Tx/Rx

Frequency 1H	123.248969 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	3000.0 ms
Concatenations	1

Physio - Cardiac

Magn. preparation	None
Fat suppr.	None
Dark blood	Off
FoV read	330 mm
FoV phase	100.0 %
Phase resolution	70 %
Trajectory	Cartesian

Physio - PACE

Resp. control	Off
Concatenations	1

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

Inline Composing	Off
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.	Read
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	8.94 ms
Bandwidth	272 Hz/Px

Sequence - Part 2

Define	Turbo factor
Echo trains per slice	18
Phase correction	Automatic
Acoustic noise reduction	None
RF pulse type	Normal
Gradient mode	Normal
Hyperecho	Off
WARP	Off
Red. EC sensitivity	Off
Turbo factor	16

Sequence - Assistant

Mode	Min flip angle
Min flip angle	130 deg
Allowed delay	60 s

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TA: 17:56 PM: ISO Voxel size: 0.5×0.5×5.0 mmPAT: 2 Rel. SNR: 1.00 : fl_r

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

Slab group	1
Slabs	1
Dist. factor	20 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
Slice oversampling	10.0 %
Slices per slab	20
FoV read	192 mm
FoV phase	100.0 %
Slice thickness	5.00 mm
TR	38.0 ms
TE 1	6.85 ms
TE 2	10.85 ms
TE 3	14.85 ms
TE 4	18.85 ms
TE 5	22.85 ms
Averages	1
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Elliptical filter
Coil elements	SP3

Contrast - Common

TR	38.0 ms
TE 1	6.85 ms
TE 2	10.85 ms
TE 3	14.85 ms
TE 4	18.85 ms
TE 5	22.85 ms
MTC	Off
Magn. preparation	None
Flip angle	8 deg
Fat suppr.	Water excit. fast
Water suppr.	None
SWI	Off

Contrast - Dynamic

Averages	1
Averaging mode	Long term
Reconstruction	Magn./Phase
Measurements	8
Pause after meas. 1	0.0 s
Pause after meas. 2	0.0 s

Contrast - Dynamic

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
Multiple series	Each measurement

Resolution - Common

FoV read	192 mm
FoV phase	100.0 %
Slice thickness	5.00 mm
Base resolution	384
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	Off
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	On
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	On

Geometry - Common

Slab group	1
Slabs	1
Dist. factor	20 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
Slice oversampling	10.0 %
Slices per slab	20
FoV read	192 mm
FoV phase	100.0 %
Slice thickness	5.00 mm
TR	38.0 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	1

Geometry - AutoAlign

Slab group	1
Position	Isocenter
Orientation	Transversal

Geometry - AutoAlign

Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	L0.0 P0.0 F376.0
Phase	0.0 mm
Read	0.0 mm
Shift	-376.0 mm
Initial Rotation	-0.50 deg
Initial Orientation	Transversal

Geometry - Saturation

Saturation mode	Standard
Sat. region	1
Thickness	137 mm
Position	L0.0 A40.3 H4.0 mm
Orientation	C > T5.7
Water suppr.	None
Special sat.	None

Geometry - Tim Planning Suite

Set-n-Go Protocol	Off
Table position	F
Table position	376 mm
Inline Composing	Off

System - Miscellaneous

Positioning mode	ISO
Table position	F
Table position	376 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	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	R17.7 P44.4 F377.8 mm
! Orientation	T > C-5.0 > S0.7
! Rotation	0.14 deg
! A >> P	101 mm
! R >> L	52 mm
! F >> H	111 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm
Excitation	Slab-sel.

System - Tx/Rx

Frequency 1H	123.248969 MHz
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System - Tx/Rx

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

Physio - Signal1

1st Signal/Mode	None
TR	38.0 ms
Concatenations	1
Segments	1

Physio - Cardiac

Tagging	None
Magn. preparation	None
Fat suppr.	Water excit. fast
Dark blood	Off
FoV read	192 mm
FoV phase	100.0 %
Phase resolution	100 %

Physio - PACE

Resp. control	Off
Concatenations	1

Inline - Common

Subtract	Off
Measurements	8
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	8
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

Inline - Composing

Inline Composing	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Inline - MapIt

Save original images	On
MapIt	None

Inline - MapIt

Flip angle	8 deg
Measurements	8
Contrasts	5
TR	38.0 ms
TE 1	6.85 ms
TE 2	10.85 ms
TE 3	14.85 ms
TE 4	18.85 ms
TE 5	22.85 ms

Sequence - Part 1

Introduction	On
Dimension	3D
Elliptical scanning	On
Phase stabilisation	Off
Asymmetric echo	Off
Contrasts	5
Flow comp. 1	Yes
Readout mode	Bipolar
Multi-slice mode	Interleaved
Bandwidth 1	260 Hz/Px
Bandwidth 2	260 Hz/Px
Bandwidth 3	260 Hz/Px
Bandwidth 4	260 Hz/Px
Bandwidth 5	260 Hz/Px

Sequence - Part 2

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

Sequence - Assistant

Mode	Off
Allowed delay	0 s

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TA: 0:35 PM: ISO Voxel size: 0.9×0.9×5.0 mmPAT: Off 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	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	15
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	P >> A
AutoAlign	---
Phase oversampling	0 %
FoV read	86 mm
FoV phase	37.5 %
Slice thickness	5.0 mm
TR	440 ms
TE	56.0 ms
Concatenations	5
Filter	None
Coil elements	SP3

Contrast - Common

TR	440 ms
TE	56.0 ms
MTC	Off
Magn. preparation	None
Fat suppr.	SPAIR
Fat sat. mode	Strong

Contrast - Dynamic

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

Resolution - Common

FoV read	86 mm
FoV phase	37.5 %
Slice thickness	5.0 mm
Base resolution	96
Phase resolution	100 %
Phase partial Fourier	7/8
Interpolation	Off

Resolution - iPAT

Accel. mode	None
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Resolution - Filter Image

Distortion Corr.	Off
Prescan Normalize	Off
Dynamic Field Corr.	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slice group	1
Slices	15
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	P >> A
FoV read	86 mm
FoV phase	37.5 %
Slice thickness	5.0 mm
TR	440 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	5

Geometry - AutoAlign

Slice group	1
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	P >> A
AutoAlign	---
Initial Position	L0.0 P0.0 F389.0
Phase	0.0 mm
Read	0.0 mm
Shift	-389.0 mm
Initial Rotation	-180.00 deg
Initial Orientation	Transversal

Geometry - Saturation

Sat. region	1
Thickness	100 mm
Position	L0.0 A39.5 H0.4 mm
Orientation	C > T0.6
Sat. region	2
Thickness	100 mm
Position	R0.2 P112.1 F0.2 mm
Orientation	C > T0.1 > S0.1
Fat sat. mode	Strong
Special sat.	None

Geometry - Navigator**Geometry - Tim Planning Suite**

Set-n-Go Protocol	Off
Table position	F
Table position	389 mm
Inline Composing	Off

System - Miscellaneous

Positioning mode	ISO
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System - Miscellaneous

Table position	F
Table position	389 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
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	R2.9 P45.3 F388.0 mm
! Orientation	T > S-2.2 > C-1.9
! Rotation	-1.00 deg
! A >> P	42 mm
! R >> L	52 mm
! F >> H	75 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm
Excitation	Standard

System - Tx/Rx

Frequency 1H	123.248969 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	10.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	Pulse/Trigger
Average cycle	910 ± 44 ms
Average cycle	No Signal ms
Acquisition window	3600 ms
Trigger pulse	1
Trigger delay	120 ms
TR	440 ms
Concatenations	5
Phases	1

Physio - PACE

Resp. control	Off
Concatenations	5

Diff - Neuro

Diffusion mode	MDDW
Diff. directions	30
Diffusion Scheme	Monopolar
Diff. weightings	1
b-value	0 s/mm ²

Diff - Neuro

b-value	5
Diff. weighted images	On
Trace weighted images	Off
ADC maps	Off
FA maps	Off
Mosaic	Off
Tensor	Off
Noise level	8

Diff - Body

Diffusion mode	MDDW
Diff. directions	30
Diffusion Scheme	Monopolar
Diff. weightings	1
b-value	0 s/mm ²
b-value	5
Diff. weighted images	On
Trace weighted images	Off
ADC maps	Off
Exponential ADC Maps	Off
FA maps	Off
Invert Gray Scale	Off
Calculated Image	Off
b-Value >=	0 s/mm ²
Noise level	8

Diff - Composing

Inline Composing	Off
Distortion Corr.	Off

Sequence - Part 1

Introduction	On
Optimization	None
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	0.98 ms
Bandwidth	1270 Hz/Px

Sequence - Part 2

EPI factor	36
RF pulse type	Normal
Gradient mode	Performance*
Excitation	Standard

Sequence - pTX Pulses

\\QUALIFIED USER\Neuro-Urology\TASCI_main\TASCI_main_20201124\dwI_b800_nonZOOMit_refb0
TA: 0:35 PM: ISO Voxel size: 0.9×0.9×5.0 mmPAT: Off 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	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	15
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
FoV read	86 mm
FoV phase	37.5 %
Slice thickness	5.0 mm
TR	600 ms
TE	90.0 ms
Concatenations	5
Filter	None
Coil elements	HC5-7;NC1,2

Contrast - Common

TR	600 ms
TE	90.0 ms
MTC	Off
Magn. preparation	None
Fat suppr.	SPAIR
Fat sat. mode	Strong

Contrast - Dynamic

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

Resolution - Common

FoV read	86 mm
FoV phase	37.5 %
Slice thickness	5.0 mm
Base resolution	96
Phase resolution	100 %
Phase partial Fourier	7/8
Interpolation	Off

Resolution - iPAT

Accel. mode	None
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Resolution - Filter Image

Distortion Corr.	Off
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Resolution - Filter Image

Prescan Normalize	Off
Dynamic Field Corr.	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slice group	1
Slices	15
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
FoV read	86 mm
FoV phase	37.5 %
Slice thickness	5.0 mm
TR	600 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	5

Geometry - AutoAlign

Slice group	1
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	L0.0 P0.0 H11.0
Phase	0.0 mm
Read	0.0 mm
Shift	11.0 mm
Initial Rotation	0.00 deg
Initial Orientation	Transversal

Geometry - Saturation

Sat. region	1
Thickness	100 mm
Position	L0.0 P100.0 H0.0 mm
Orientation	Coronal
Sat. region	2
Thickness	100 mm
Position	L0.0 A100.0 H0.0 mm
Orientation	Coronal
Fat sat. mode	Strong
Special sat.	None

Geometry - Navigator**Geometry - Tim Planning Suite**

Set-n-Go Protocol	Off
Table position	H
Table position	11 mm
Inline Composing	Off

System - Miscellaneous

Positioning mode	ISO
Table position	H
Table position	11 mm
MSMA	S - C - T

System - Miscellaneous

Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
Matrix Optimization	Off
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	Isocenter
Orientation	Transversal
Rotation	0.00 deg
A >> P	33 mm
R >> L	86 mm
F >> H	75 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm
Excitation	Standard

System - Tx/Rx

Frequency 1H	123.248969 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	10.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	Pulse/Trigger
Average cycle	910 ± 44 ms
Average cycle	No Signal ms
Acquisition window	3600 ms
Trigger pulse	1
Trigger delay	0 ms
TR	600 ms
Concatenations	5
Phases	1

Physio - PACE

Resp. control	Off
Concatenations	5

Diff - Neuro

Diffusion mode	MDDW
Diff. directions	30
Diffusion Scheme	Monopolar
Diff. weightings	1
b-value	0 s/mm ²
b-value	5
Diff. weighted images	On
Trace weighted images	Off
ADC maps	Off

Diff - Neuro

FA maps	Off
Mosaic	Off
Tensor	Off
Noise level	8

Diff - Body

Diffusion mode	MDDW
Diff. directions	30
Diffusion Scheme	Monopolar
Diff. weightings	1
b-value	0 s/mm ²
b-value	5
Diff. weighted images	On
Trace weighted images	Off
ADC maps	Off
Exponential ADC Maps	Off
FA maps	Off
Invert Gray Scale	Off
Calculated Image	Off
b-Value >=	0 s/mm ²
Noise level	8

Diff - Composing

Inline Composing	Off
Distortion Corr.	Off

Sequence - Part 1

Introduction	On
Optimization	None
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	0.94 ms
Bandwidth	1270 Hz/Px

Sequence - Part 2

EPI factor	36
RF pulse type	Normal
Gradient mode	Performance
Excitation	Standard

Sequence - pTX Pulses

\\QUALIFIED USER\Neuro-Urology\TASCI_main\TASCI_main_20201124\dw_i_b800_nonZOOMit

TA: 9:02 PM: ISO Voxel size: 0.9×0.9×5.0 mmPAT: Off 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	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	15
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
FoV read	86 mm
FoV phase	37.5 %
Slice thickness	5.0 mm
TR	440 ms
TE	56.0 ms
Concatenations	5
Filter	None
Coil elements	SP3

Contrast - Common

TR	440 ms
TE	56.0 ms
MTC	Off
Magn. preparation	None
Fat suppr.	SPAIR
Fat sat. mode	Strong

Contrast - Dynamic

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

Resolution - Common

FoV read	86 mm
FoV phase	37.5 %
Slice thickness	5.0 mm
Base resolution	96
Phase resolution	100 %
Phase partial Fourier	7/8
Interpolation	Off

Resolution - iPAT

Accel. mode	None
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Resolution - Filter Image

Distortion Corr.	Off
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Resolution - Filter Image

Prescan Normalize	Off
Dynamic Field Corr.	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slice group	1
Slices	15
Dist. factor	0 %
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
FoV read	86 mm
FoV phase	37.5 %
Slice thickness	5.0 mm
TR	440 ms
Multi-slice mode	Interleaved
Series	Interleaved
Concatenations	5

Geometry - AutoAlign

Slice group	1
Position	Isocenter
Orientation	Transversal
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	L0.0 P0.0 F389.0
Phase	0.0 mm
Read	0.0 mm
Shift	-389.0 mm
Initial Rotation	0.00 deg
Initial Orientation	Transversal

Geometry - Saturation

Sat. region	1
Thickness	100 mm
Position	L0.0 A39.5 H0.4 mm
Orientation	C > T0.6
Sat. region	2
Thickness	100 mm
Position	R0.2 P112.1 F0.2 mm
Orientation	C > T0.1 > S0.1
Fat sat. mode	Strong
Special sat.	None

Geometry - Navigator**Geometry - Tim Planning Suite**

Set-n-Go Protocol	Off
Table position	F
Table position	389 mm
Inline Composing	Off

System - Miscellaneous

Positioning mode	ISO
Table position	F
Table position	389 mm
MSMA	S - C - T

System - Miscellaneous

Sagittal	R >> L
Coronal	A >> P
Transversal	H >> F
Coil Combine Mode	Adaptive Combine
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	R2.9 P45.3 F388.0 mm
! Orientation	T > S-2.2 > C-1.9
! Rotation	-1.00 deg
! A >> P	42 mm
! R >> L	52 mm
! F >> H	75 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm
Excitation	Standard

System - Tx/Rx

Frequency 1H	123.248969 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	10.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	Pulse/Trigger
Average cycle	910 ± 44 ms
Average cycle	No Signal ms
Acquisition window	3600 ms
Trigger pulse	1
Trigger delay	120 ms
TR	440 ms
Concatenations	5
Phases	1

Physio - PACE

Resp. control	Off
Concatenations	5

Diff - Neuro

Diffusion mode	MDDW
Diff. directions	30
Diffusion Scheme	Monopolar
Diff. weightings	2
b-value 1	0 s/mm ²
b-value 2	800 s/mm ²
b-value 1	6
b-value 2	6

Diff - Neuro

Diff. weighted images	On
Trace weighted images	Off
ADC maps	Off
FA maps	On
Mosaic	Off
Tensor	Off
Noise level	8

Diff - Body

Diffusion mode	MDDW
Diff. directions	30
Diffusion Scheme	Monopolar
Diff. weightings	2
b-value 1	0 s/mm ²
b-value 2	800 s/mm ²
b-value 1	6
b-value 2	6
Diff. weighted images	On
Trace weighted images	Off
ADC maps	Off
Exponential ADC Maps	Off
FA maps	On
Invert Gray Scale	Off
Calculated Image	Off
b-Value >=	0 s/mm ²
Noise level	8

Diff - Composing

Inline Composing	Off
Distortion Corr.	Off

Sequence - Part 1

Introduction	On
Optimization	None
Multi-slice mode	Interleaved
Free echo spacing	Off
Echo spacing	0.98 ms
Bandwidth	1270 Hz/Px

Sequence - Part 2

EPI factor	36
RF pulse type	Normal
Gradient mode	Performance*
Excitation	Standard

Sequence - pTX Pulses