\\USER\head\STROKE\NEW\localizer_haste

Rel. SNR: 1.00

SIEMENS: haste

Voxel size: 2.0×1.2×10.0 mm

PAT: Off

TA: 7.0 s

1A. 7.0 \$ FA	1. OII VOXEI SIZE. 2.0x 1.2x	TOO IIIII Kei. SNK. 1.00	SIEWENS. Haste
		Base resolution	256
Properties		Phase resolution	60 %
Prio Recon	Off	Phase partial Fourier	5/8
Before measurement		Interpolation	Off
After measurement		·····	
Load to viewer	On	PAT mode	None
Inline movie	Off	Matrix Coil Mode	Auto (CP)
Auto store images	On		
Load to stamp segments	On	Image Filter	Off
Load images to graphic	Off	Distortion Corr.	Off
segments		Prescan Normalize	Off
Auto open inline display	Off	Normalize	Off
AutoAlign Spine	Off	Raw filter	Off
Start measurement without	Off	Elliptical filter	Off
further preparation		Geometry	
Wait for user to start	Off	Multi-slice mode	Single shot
Start measurements	single	Series	Interleaved
1	3 -		
Routine		Special sat.	None
Slice group 1	4		
Slices	1	System	
Dist. factor	50 %	Body	Off
Position	Isocenter	HEP	On
Orientation	Sagittal	HEA	On
Phase enc. dir.	A >> P	SP4	Off
Rotation	0.00 deg	SP2	Off
Slice group 2		SP8	Off
Slices	1	SP6	Off
Dist. factor	50 %	SP3	Off
Position	Isocenter	SP1	Off
Orientation	Transversal	SP7	Off
Phase enc. dir.	A >> P	SP5	Off
Rotation	0.00 deg		
Slice group 3		Positioning mode	REF
Slices	1	Table position	Н
Dist. factor	50 %	Table position	0 mm
Position	Isocenter	MSMA	S - C - T
Orientation	Coronal	Sagittal	R >> L
Phase enc. dir.	R >> L	Coronal	A >> P
Rotation	0.00 deg	Transversal	F >> H
Phase oversampling	0 %	Save uncombined	Off
FoV read	300 mm	Coil Combine Mode	Adaptive Combine
FoV phase	100.0 %	Auto Coil Select	Default
Slice thickness	10.0 mm	Shim mode	Tune up
TR	1000 ms	Adjust with body coil	On
TE	98 ms	Confirm freq. adjustment	Off
Averages	1	Assume Silicone	Off
Concatenations	3	Ref. amplitude 1H	337.226 V
Filter	None	Adjustment Tolerance	337.226 V Auto
Coil elements	HEA;HEP	Adjust volume	Auto
Contrast		Position	Isocenter
	2000 0 mg	Orientation	Transversal
TD MTC	2000.0 ms Off	Rotation	0.00 deg
	None	Rotation R >> L	350 mm
Magn. preparation		A >> P	263 mm
Flip angle	90 deg None	F >> H	350 mm
Fat suppr. Fat sat. mode		Ī	300 mm
	Strong	Physio	
Water suppr.	None Off	1st Signal/Mode	None
Restore magn.	OII 		Off
Averaging mode	Long term	Dark blood	Off
Reconstruction	Magnitude	Resp. control	Off
Measurements	1		
Multiple series	Each measurement	Inline	
Manipio dellee			
Resolution		Subtract	Off

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

Sequence

Introduction	Off
Dimension	2D
Contrasts	1
Bandwidth	781 Hz/Px
Flow comp.	No
Allowed delay	30 s
Echo spacing	6.1 ms
Turbo factor	154
RF pulse type	Optimized
Gradient mode	Fast

\\USER\head\STROKE\NEW\t1_mpr_ns_sag_iso

TA: 5:09 PAT: Off Voxel size: 1.0×1.0×1.0 mm Rel. SNR: 1.00 SIEMENS: tfl			
Properties		Elliptical filter	On
Prio Recon	Off	—— Mode	Inplane
Before measurement	0.11	Geometry	
After measurement		Multi-slice mode	Single shot
Load to viewer	On	Series	Ascending
Inline movie	Off		
Auto store images	On	System	
Load to stamp segments	On	Body	Off
Load images to graphic	Off	HEP	On
segments		HEA	On
Auto open inline display	Off	SP4	Off
AutoAlign Spine	Off	SP2	Off
Start measurement without	On	SP8	Off
further preparation Wait for user to start	Off	SP6	Off
Start measurements	single	SP3	Off
Start measurements	Sirigle	SP1 SP7	Off
Routine		—— SP7 —— SP5	Off Off
Slab group 1		- 010	OII
Slabs	1	Positioning mode	REF
Dist. factor	50 %	Table position	Н
Position	L2.7 A26.3 F7.4	Table position	0 mm
Orientation	S > C1.6	MSMA	S - C - T
Phase enc. dir.	A >> P	Sagittal	R >> L
Rotation Phase oversampling	0.00 deg 0 %	Coronal	A >> P
Slice oversampling	45.5 %	Transversal	F >> H
Slices per slab	176	Save uncombined Coil Combine Mode	Off
FoV read	256 mm	Auto Coil Select	Adaptive Combine Default
FoV phase	100.0 %	Auto Coil Select	
Slice thickness	1.00 mm	Shim mode	Tune up
TR	1600 ms	Adjust with body coil	On
TE	2.15 ms	Confirm freq. adjustment	Off
Averages	1	Assume Silicone	Off
Concatenations	1	Ref. amplitude 1H	337.226 V
Filter	Elliptical filter	Adjustment Tolerance	Auto
Coil elements	HEA;HEP	Adjust volume	
Contrast		Position	Isocenter
Magn. preparation	Non-sel. IR	Orientation Rotation	Transversal
TI	800 ms	Rotation R >> L	0.00 deg 350 mm
Flip angle	9 deg	A >> P	263 mm
Fat suppr.	None	F >> H	350 mm
Water suppr.	None	1	333
Averaging mode	Long term	Physio	None
Averaging mode Reconstruction	Long term Magnitude	1st Signal/Mode	None
Measurements	1	Dark blood	Off
Multiple series	Each measurement	Doon control	
•		Resp. control	Off
Resolution Base resolution	256	Inline	
Phase resolution	100 %	Subtract	Off
Slice resolution	88 %	Std-Dev-Sag	Off
Phase partial Fourier	6/8	Std-Dev-Cor Std-Dev-Tra	Off Off
Slice partial Fourier	Off	Std-Dev-Tra	Off
Interpolation	Off	MIP-Sag	Off
		MIP-Cor	Off
PAT mode	None	MIP-Tra	Off
Matrix Coil Mode	Triple	MIP-Time	Off
Image Filter	Off	Save original images	On
Distortion Corr.	Off	1	
Prescan Normalize	Off	Sequence	0
Normalize	Off	Introduction	On 3D
Raw filter	Off	Dimension	3D Off
		Elliptical scanning	Off

Asymmetric echo	Allowed
Bandwidth	200 Hz/Px
Flow comp.	No
Echo spacing	6.4 ms
RF pulse type Gradient mode Excitation RF spoiling	Fast Fast Non-sel.

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		• -	_
roperties		Prescan Normalize	On
Prio Recon	Off	Normalize	Off
Before measurement		Raw filter	On
After measurement		Intensity	Weak
Load to viewer	On	Slope	25
Inline movie	Off	Elliptical filter	Off
Auto store images	On	Geometry	
Load to stamp segments	Off	Multi-slice mode	Interleaved
Load images to graphic	Off	Series	Interleaved
segments	Oli		
Auto open inline display	Off	Special sat.	None
AutoAlign Spine	Off		
Start measurement without	On	System	
further preparation		Body	Off
Wait for user to start	Off	NE2	Off
Start measurements	single	HEP	On
	Sirigic	HEA	On
outine		SP4	Off
Slice group 1		SP2	Off
Slices	20	SP8	Off
Dist. factor	30 %	SP6	Off
Position	R4.9 A15.9 H7.3	SP3	Off
Orientation	T > C-7.4 > S2.4	SP1	Off
Phase enc. dir.	R >> L	SP7	Off
Rotation	90.00 deg	SP5	Off
Phase oversampling	0 %		
FoV read	230 mm	Positioning mode	REF
FoV phase	95.0 %	Table position	Н
Slice thickness	5.0 mm	Table position	0 mm
TR	3830 ms	MSMA	S - C - T
TE	98 ms	Sagittal	R >> L
Averages	2	Coronal	A >> P
Concatenations	_ 1	Transversal	F >> H
Filter	Raw filter, Prescan Normalize	Save uncombined	Off
Coil elements	HEA;HEP	Coil Combine Mode	Adaptive Combine
		Auto Coil Select	Default
ontrast	0"	Shim mode	Tune up
MTC	Off	Adjust with body coil	Off
Magn. preparation	None	Confirm freq. adjustment	Off
Flip angle	180 deg	Assume Silicone	Off
Fat suppr.	None	Ref. amplitude 1H	337.226 V
Fat sat. mode	Strong		
Water suppr.	None	Adjustment Tolerance	Auto
Restore magn.	Off	Adjust volume	laccenter
Averaging mode	Long term	Position Orientation	Isocenter
Reconstruction	Magnitude		Transversal
Measurements	1	Rotation	0.00 deg
Multiple series	Each measurement	R >> L	350 mm
•	Lacii ilicasulcilicili	A >> P	263 mm
esolution		F >> H	350 mm
Base resolution	320	Physio	
Phase resolution	59 %	1st Signal/Mode	None
Phase partial Fourier	Off		
Trajectory	Cartesian	Dark blood	Off
Interpolation	Off	Resp. control	Off
	CDADDA	· ·	5
PAT mode	GRAPPA	Inline	
Accel. factor PE	2	Subtract	Off
Ref. lines PE	32	Std-Dev-Sag	Off
Matrix Coil Mode	Auto (Triple)	Std-Dev-Cor	Off
Reference scan mode	Self-calibration	Std-Dev-Tra	Off
Image Filter	Off	Std-Dev-Time	Off
		MIP-Sag	Off
Distortion Corr	()TT		
Distortion Corr. Unfiltered images	Off Off	MIP-Cor	Off

MIP-Time	Off
Save original images	On
Sequence	
Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	Off
Contrasts	1
Bandwidth	200 Hz/Px
Flow comp.	Slice
Allowed delay	0 s
Echo spacing	12.2 ms
Define	Turbo factor
Turbo factor	15
Echo trains per slice	6
RF pulse type	Low SAR
Gradient mode	Fast

$\verb|\USER\head| STROKE\NEW\ep2d_diff_3scan_trace_p2|$

TA: 1:14 PAT: 2 Voxel size: 1.5x1.5x5.0 mm Rel. SNR: 1.00 SIEMENS: ep2d_diff

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement			
After measurement		System	
Load to viewer	On	Body	Off
Inline movie	Off	NE2	Off
Auto store images	On	HEP	On
Load to stamp segments	On	HEA	On
Load images to graphic	Off	SP4	Off
segments		SP2	Off
Auto open inline display	Off	SP8	Off
AutoAlign Spine	Off	SP6	Off
Start measurement without	On	SP3	Off
further preparation	0"	SP1	Off
Wait for user to start	Off	SP7	Off
Start measurements	single	SP5	Off
Routine		Positioning mode	FIX
Slice group 1		Table position	H
Slices	20	Table position	0 mm
Dist. factor	30 %	MSMA	S - C - T
Position	R4.9 A15.9 H7.3	Sagittal	R >> L
Orientation	T > C-7.4 > S2.4	Coronal	A >> P
Phase enc. dir.	A >> P	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Adaptive Combine
Phase oversampling	0 %	Auto Coil Select	Default
FoV read	240 mm		
FoV phase	100.0 %	Shim mode	Standard
Slice thickness	5.0 mm	Adjust with body coil	Off
TR	3000 ms	Confirm freq. adjustment	Off
TE	91 ms	Assume Silicone	Off
Averages	3	Ref. amplitude 1H	337.226 V
Concatenations	1	Adjustment Tolerance	Auto
Filter	Raw filter, Prescan Normalize	Adjust volume Position	R4.9 A15.9 H7.3
Coil elements	HEA;HEP	Orientation	T > C-7.4 > S2.4
Contrast		Rotation	
MTC	Off	Rotation R >> L	0.00 deg 240 mm
Magn. preparation	None	A >> P	240 mm
Fat suppr.	Fat sat.	F >> H	129 mm
		I	123 11111
Averaging mode	Long term	Physio	
Reconstruction	Magnitude	1st Signal/Mode	None
Delay in TR	0 ms	Resp. control	Off
Resolution		1 '	
Base resolution	160	Diff	2 Coop Trans
Phase resolution	100 %	Diffusion mode	3-Scan Trace
Phase partial Fourier	6/8	Diff. weightings	3 0.0/mm²
Interpolation	Off	b-value 1 b-value 2	0 s/mm² 500 s/mm²
PAT mode	GRAPPA		
Accel. factor PE	2	b-value 3	1000 s/mm² Off
Ref. lines PE	40	Diff. weighted images Trace weighted images	On
Matrix Coil Mode	Auto (Triple)	Average ADC maps	On
Reference scan mode	Separate	Individual ADC maps	Off
		FA maps	Off
Distortion Corr.	Off	Mosaic	Off
Prescan Normalize	On	Tensor	Off
Raw filter	On	Noise level	40
Intensity	Weak	Diff. directions	3
Slope	25	ı	•
Elliptical filter	Off	Sequence	
Hamming	Off	Introduction	On
Geometry		Bandwidth	1562 Hz/Px
Multi-slice mode	Interleaved	Free echo spacing	Off
ı			

Echo spacing	0.76 ms
EPI factor	160
RF pulse type	Normal
Gradient mode	Fast*

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Voxel size: 3.0x3.0x3.0 mm

TA: 6:20

PAT: Off

Rel. SNR: 1.00

			. –
Properties		System	
Prio Recon	Off	Body	Off
Before measurement		HEP	On
After measurement		HEA	On
Load to viewer	On	SP4	Off
Inline movie	Off	SP2	Off
Auto store images	On	SP8	Off
Load to stamp segments	On	SP6	Off
Load images to graphic	Off	SP3	Off
segments		SP1	Off
Auto open inline display	Off	SP7	Off
AutoAlign Spine	Off	SP5	Off
Start measurement without	On		
further preparation	.	Positioning mode	REF
Wait for user to start	Off	Table position	Н
		Table position	0 mm
Start measurements	single	MSMA	S - C - T
Routine		Sagittal	R >> L
Slice group 1		- Coronal	A >> P
Slices	43	Transversal	F >> H
Dist. factor	16 %	Coil Combine Mode	Sum of Squares
Position	R1.4 A14.4 H20.1	Auto Coil Select	Default
Orientation	T > C-14.2 > S2.8	Shim mode	Standard
Phase enc. dir.	A >> P	Adjust with body coil	Off
Rotation	-0.80 deg		_
Phase oversampling	0 %	Confirm freq. adjustment	Off
FoV read	192 mm	Assume Silicone	Off
FoV phase	100.0 %	Ref. amplitude 1H	337.226 V
Slice thickness	3.0 mm	Adjustment Tolerance	Auto
TR	3000 ms	Adjust volume	
TE		Position	R1.4 A14.4 H20.1
	30 ms	Orientation	T > C-14.2 > S2.8
Averages	1	Rotation	-0.80 deg
Concatenations	1	R >> L	192 mm
Filter	None	A >> P	192 mm
Coil elements	HEA;HEP		
Contract		F >> H	150 mm
Contrast		– Physio	
MTC	Off	1st Signal/Mode	None
Flip angle	90 deg	1	None
Fat suppr.	Fat sat.	BOLD	
A	1	GLM Statistics	Off
Averaging mode	Long term	Dynamic t-maps	Off
Reconstruction	Magnitude	Starting ignore meas	0
Measurements	124	Ignore after transition	0
Delay in TR	0 ms	Model transition states	Off
Multiple series	Off		_
Panalutian		Temp. highpass filter	Off
Resolution	0.4	_ Threshold	4.00
Base resolution	64	Paradigm size	1
Phase resolution	100 %	Meas	Baseline
Phase partial Fourier	Off	Motion correction	Off
Interpolation	Off	Spatial filter	Off
		. '	
PAT mode	None	Sequence	
Matrix Coil Mode	Auto (CP)	Introduction	On
Distortion Corr	Off	Bandwidth	2232 Hz/Px
Distortion Corr.	Off	Free echo spacing	Off
Prescan Normalize	Off	Echo spacing	0.51 ms
Raw filter	On		
Elliptical filter	Off	EPI factor	64
Hamming	Off	RF pulse type	Normal
Coometry		Gradient mode	Fast*
Geometry			
Multi-slice mode	Interleaved		
Series	Interleaved		
Special set	None		
Special sat.	None		

\\USER\head\STROKE\NEW\ep2d diff Rel. SNR: 1.00 TA: 9:06 PAT: 2 Voxel size: 2.0×2.0×2.0 mm SIEMENS: ep2d diff Multi-slice mode Interleaved **Properties** Interleaved Series Prio Recon Off Before measurement Special sat. None After measurement On Load to viewer System Inline movie Off Off Body Auto store images On **HEP** On Load to stamp segments Off HEA On Load images to graphic Off Off SP4 seaments SP2 Off Auto open inline display Off SP8 Off AutoAlign Spine Off SP6 Off Start measurement without On SP3 Off further preparation SP1 Off Wait for user to start Off SP7 Off Start measurements single SP5 Off Positioning mode **REF** Slice group 1 Table position Н Slices 64 Table position 0 mm Dist. factor 0 % MSMA S - C - T Position L0.5 A20.0 H17.7 Sagittal R >> L Orientation Transversal Coronal A >> P Phase enc. dir. A >> P Transversal F >> H -2.80 deg Rotation Coil Combine Mode Adaptive Combine Phase oversampling 0 % **Auto Coil Select** Default FoV read 256 mm Standard Shim mode FoV phase 100.0 % Adjust with body coil Slice thickness Off 2.0 mm Confirm freq. adjustment Off TR 8000 ms Assume Silicone Off TE 83 ms ! Ref. amplitude 1H 292.091 V **Averages** Adjustment Tolerance Auto Concatenations Adjust volume Raw filter, Prescan Normalize Filter Position L0.5 A20.0 H17.7 Coil elements HEA;HEP Orientation Transversal Contrast Rotation -2.80 dea Off MTC 256 mm R >> L Magn. preparation None A >> P 256 mm Fat suppr. Fat sat. F >> H 128 mm Averaging mode Long term Physio Reconstruction Magnitude 1st Signal/Mode None Delay in TR 0 ms Resp. control Off Multiple series Off Diff Resolution Diffusion mode MDDW Base resolution 128 Diff. weightings 2 Phase resolution 100 % b-value 1 0 s/mm² Phase partial Fourier 6/8 b-value 2 700 s/mm² Interpolation Off Diff. weighted images On PAT mode **GRAPPA** Trace weighted images Off Accel. factor PE 2 Average ADC maps Off Ref. lines PE 30 Individual ADC maps Off Matrix Coil Mode Auto (Triple) FA maps Off Reference scan mode Separate Mosaic On Tensor Off Off Distortion Corr. Noise level 40 Prescan Normalize On Diff. directions 64 Raw filter On Intensity Weak Sequence Slope 25 Introduction On Elliptical filter Off Bandwidth 1396 Hz/Px

Free echo spacing

Echo spacing

Off

0.8 ms

Hamming

Geometry

Off

EPI factor 128
RF pulse type Normal
Gradient mode Fast*

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SIEMENS: gre

PAT: Off Voxel size: 1.2×0.7×5.0 mm Rel. SNR: 1.00

TA: 0:50

17t. 6.66 17tt. Cil. Voxor 6.26. 1.2x6.1 x6.6 Hilli 1tol. Citt. 1.66 Cil. Ette. gro				
.		Mode	Inplane	
Properties	0"	ı	· [- ·-···-	
Prio Recon	Off	Geometry		
Before measurement		Multi-slice mode	Interleaved	
After measurement	0.5	Series	Interleaved	
Load to viewer	On	Saturation mode	Standard	
Inline movie	Off	Special sat.	None	
Auto store images	On			
Load to stamp segments	On Off	System		
Load images to graphic	Off	Body	Off	
segments	0"	NE2	Off	
Auto open inline display	Off	HEP	On	
AutoAlign Spine	Off	HEA	On	
Start measurement without	On	SP4	Off	
further preparation		SP2	Off	
Wait for user to start	Off			
Start measurements	single	SP8	Off	
Routine		SP6	Off	
		SP3	Off	
Slice group 1	20	SP1	Off	
Slices	20	SP7	Off	
Dist. factor	30 %	SP5	Off	
Position	R4.9 A15.9 H7.3	Positioning mode	FIX	
Orientation	T > C-7.4 > S2.4	Table position	H	
Phase enc. dir.	R >> L		0 mm	
Rotation	90.00 deg	Table position	_	
Phase oversampling	0 %	MSMA	S-C-T	
FoV read	230 mm	Sagittal	R >> L	
FoV phase	81.3 %	Coronal	A >> P	
Slice thickness	5.0 mm	Transversal	F >> H	
TR	155.0 ms	Save uncombined	Off	
TE	2.81 ms	Coil Combine Mode	Adaptive Combine	
Averages	2	Auto Coil Select	Default	
Concatenations	1	Shim mode	Tune up	
Filter	Prescan Normalize, Elliptical	Adjust with body coil	Off	
	filter		Off	
Coil elements	HEA;HEP	Confirm freq. adjustment Assume Silicone	Off	
1				
Contrast		Ref. amplitude 1H	337.226 V	
MTC	Off	Adjustment Tolerance	Auto	
Magn. preparation	None	Adjust volume	Innantan	
Flip angle	70 deg	Position	Isocenter	
Fat suppr.	None	Orientation	Transversal	
Water suppr.	None	Rotation	0.00 deg	
SWI	Off	R >> L	350 mm	
Averaging mode	Longtorm	A >> P	263 mm	
Averaging mode Reconstruction	Long term	F >> H	350 mm	
Measurements	Magnitude	Physio		
Multiple series	Each measurement	1st Signal/Mode	None	
	Lacifileasurement	Segments	1	
Resolution				
Base resolution	320	Tagging	None	
Phase resolution	60 %	Dark blood	Off	
Phase partial Fourier	Off	Resp. control	Off	
Interpolation	Off	Resp. control	Oli	
DAT I	N I	Inline		
PAT mode	None	Subtract	Off	
Matrix Coil Mode	Auto (CP)	Liver registration	Off	
Image Filter	Off	Std-Dev-Sag	Off	
Distortion Corr.	Off	Std-Dev-Cor	Off	
Unfiltered images	Off	Std-Dev-Tra	Off	
Prescan Normalize	On	Std-Dev-Time	Off	
Normalize		MIP-Sag	Off	
	Off Off	MIP-Cor	Off	
Raw filter	Off	MIP-Tra	Off	
Elliptical filter	On	MIP-Time	Off	
		1, """	J.11	

Save original images	On
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off
Sequence	
Introduction	On
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Allowed
Contrasts	1
Bandwidth	250 Hz/Px
Flow comp.	No
Allowed delay	0 s
RF pulse type	Fast
Gradient mode	Normal
Excitation	Slice-sel.
RF spoiling	On

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perties		Image Filter	Off
Prio Recon	Off	Distortion Corr.	Off
Before measurement		Unfiltered images	Off
Ifter measurement		Prescan Normalize	On O"
oad to viewer	On	Normalize	Off
nline movie	Off	Raw filter	On
uto store images	On	Intensity	Medium
oad to stamp segments	On	Slope	48
oad images to graphic	Off	Elliptical filter	Off
egments		Geometry	
uto open inline display	Off	Multi-slice mode	Interleaved
utoAlign Spine	Off	Series	Interleaved
tart measurement without	On	0	DII-I E
ırther preparation		Special sat.	Parallel F 10 mm
Vait for user to start	Off	Gap Thickness	50 mm
start measurements	single	mickness	50 11111
itine		System	
Slice group 1	_	Body	Off
Slices	20	NE2	Off
Dist. factor	30 %	HEP	On
Position	R4.9 A15.9 H7.3	HEA	On
Orientation	T > C-7.4 > S2.4	SP4	Off
Phase enc. dir.	R >> L	SP2	Off
Rotation	90.00 deg	SP8	Off
hase oversampling	0 %	SP6	Off
oV read	230 mm	SP3	Off
oV phase	87.5 %	SP1	Off
Slice thickness	5.0 mm	SP7	Off
R 	8500 ms	SP5	Off
E	87.0 ms	Positioning mode	FIX
verages	1	Table position	H
Concatenations	2	Table position	0 mm
ilter	Raw filter, Prescan Normalize	MSMA	S - C - T
Coil elements	HEA;HEP	Sagittal	R>> L
trast		Coronal	A >> P
D	0.0 ms	Transversal	F >> H
MTC	Off	Save uncombined	Off
/lagn. preparation	Slice-sel. IR	Coil Combine Mode	Adaptive Combine
Τ	2500 ms	Auto Coil Select	Default
reeze suppressed tissue	Off		
ip angle	150 deg	Shim mode	Tune up
at suppr.	Fat sat.	Adjust with body coil	Off
at sat. mode	Strong	Confirm freq. adjustment	Off Off
Vater suppr.	None	Assume Silicone	Off
Restore magn.	Off	Ref. amplitude 1H	337.226 V
.veraging mode	Long term	Adjustment Tolerance	Auto
Reconstruction	Magnitude	Adjust volume	locantor
leasurements	Magrillade 1	Position	Isocenter
fultiple series	Each measurement	Orientation	Transversal
•	_aon moadaroment	Rotation R >> L	0.00 deg
olution		R >> L A >> P	350 mm 263 mm
Base resolution	256	F >> H	263 mm 350 mm
hase resolution	100 %	Ī	330 Hill
hase partial Fourier	Off	Physio	
rajectory	Cartesian	1st Signal/Mode	None
nterpolation	On		 ∩#
PAT mode	GRAPPA	Dark blood	Off
Accel. factor PE	2	Resp. control	Off
Ref. lines PE	26	•	
Aatrix Coil Mode	Triple	Inline	~
	Integrated	Subtract	Off
Reference scan mode	megrateu	Std-Dev-Sag	Off

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

Sequence

On
2D
Off
Off
1
201 Hz/Px
No
20 s
8.65 ms
Turbo factor
25
5
Fast
Fast

\\USER\head\STROKE\NEW\t2_tse_rst_sag_p2

TA: 0:48 F	PAT: 2 Voxel size: 1.2x0.7x5	5.0 mm Rel. SNR: 1.00 S	SIEMENS: tse
Proportios		Unfiltered images	Off
Properties	0"	- Prescan Normalize	On
Prio Recon	Off	Normalize	Off
Before measurement		Raw filter	Off
After measurement		Elliptical filter	On
Load to viewer	On	Mode	Inplane
Inline movie	Off	1	mpiano
Auto store images	On	Geometry	
Load to stamp segments	On	Multi-slice mode	Interleaved
Load images to graphic	Off	Series	Interleaved
segments			
Auto open inline display	Off	Special sat.	None
AutoAlign Spine	Off		
Start measurement without	On	System	
further preparation	011	Body	Off
Wait for user to start	Off	HEP	On
		HEA	On
Start measurements	single	SP4	Off
outine		SP2	Off
Slice group 1		- SP2 SP8	Off
Slices	19		
Dist. factor	30 %	SP6	Off
		SP3	Off
Position	L1.5 A18.4 H10.3	SP1	Off
Orientation	S > T5.6 > C-1.2	SP7	Off
Phase enc. dir.	A >> P	SP5	Off
Rotation	0.00 deg		
Phase oversampling	0 %	Positioning mode	REF
FoV read	270 mm	Table position	Н
FoV phase	90.6 %	Table position	0 mm
Slice thickness	5.0 mm	MSMA	S - C - T
TR	4250 ms	Sagittal	R >> L
TE	112 ms	Coronal	A >> P
		Transversal	F >> H
Averages	2	Save uncombined	Off
Concatenations	T December No. 10 Street Co. 1	Coil Combine Mode	Adaptive Combine
Filter	Prescan Normalize, Elliptical		
	filter	Auto Coil Select	Default
Coil elements	HEA;HEP	Shim mode	Tune up
Contract		Adjust with body coil	Off
Contrast	0#	Confirm freq. adjustment	Off
MTC	Off	Assume Silicone	Off
Magn. preparation	None		
Flip angle	150 deg	Ref. amplitude 1H	337.226 V
Fat suppr.	None	Adjustment Tolerance	Auto
Fat sat. mode	Strong	Adjust volume	
Water suppr.	None	Position	Isocenter
Restore magn.	Off	Orientation	Transversal
		Rotation	0.00 deg
Averaging mode	Long term	R >> L	350 mm
Reconstruction	Magnitude	A >> P	263 mm
Measurements	1	F >> H	350 mm
Multiple series	Each measurement		330 Hill
•	_aon moadaromont	Physio	
Resolution		1st Signal/Mode	None
Base resolution	384		
Phase resolution	60 %	Dark blood	Off
Phase partial Fourier	Off	Doop control	
Trajectory	Cartesian	Resp. control	Off
Interpolation	Off	Inline	
	OII	Subtract	Off
PAT mode	GRAPPA		
Accel. factor PE	2	Std-Dev-Sag	Off
Ref. lines PE	32	Std-Dev-Cor	Off
		Std-Dev-Tra	Off
Motrix Cail Mada	Auto (Triple)	Std-Dev-Time	Off
Matrix Coil Mode	0 - 14 111 11		
Matrix Coil Mode Reference scan mode	Self-calibration	MIP-Sag	Off
Reference scan mode			
	Self-calibration Off Off	MIP-Sag MIP-Cor MIP-Tra	Off Off Off

On
On
2D
Off
Off
1
250 Hz/Px
Read
10 s
10.2 ms
Turbo factor
21
5
Low SAR
Normal

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Voxel size: 3.0x3.0x3.0 mm

TA: 6:20

PAT: Off

Rel. SNR: 1.00

			. –
Properties		System	
Prio Recon	Off	Body	Off
Before measurement		HEP	On
After measurement		HEA	On
Load to viewer	On	SP4	Off
Inline movie	Off	SP2	Off
Auto store images	On	SP8	Off
Load to stamp segments	On	SP6	Off
Load images to graphic	Off	SP3	Off
segments		SP1	Off
Auto open inline display	Off	SP7	Off
AutoAlign Spine	Off	SP5	Off
Start measurement without	On		
further preparation		Positioning mode	REF
Wait for user to start	Off	Table position	Н
		Table position	0 mm
Start measurements	single	MSMA	S - C - T
Routine		Sagittal	R >> L
Slice group 1		- Coronal	A >> P
Slices	43	Transversal	F >> H
Dist. factor	16 %	Coil Combine Mode	Sum of Squares
Position	R1.4 A14.4 H20.1	Auto Coil Select	Default
Orientation	T > C-14.2 > S2.8	Shim mode	Standard
Phase enc. dir.	A >> P	Adjust with body coil	Off
Rotation	-0.80 deg		_
Phase oversampling	0 %	Confirm freq. adjustment	Off
FoV read	192 mm	Assume Silicone	Off
FoV phase	100.0 %	Ref. amplitude 1H	337.226 V
Slice thickness	3.0 mm	Adjustment Tolerance	Auto
TR	3000 ms	Adjust volume	
TE		Position	R1.4 A14.4 H20.1
	30 ms	Orientation	T > C-14.2 > S2.8
Averages	1	Rotation	-0.80 deg
Concatenations	1	R >> L	192 mm
Filter	None	A >> P	192 mm
Coil elements	HEA;HEP		
Contract		F >> H	150 mm
Contrast		– Physio	
MTC	Off	1st Signal/Mode	None
Flip angle	90 deg	1	None
Fat suppr.	Fat sat.	BOLD	
A	1	GLM Statistics	Off
Averaging mode	Long term	Dynamic t-maps	Off
Reconstruction	Magnitude	Starting ignore meas	0
Measurements	124	Ignore after transition	0
Delay in TR	0 ms	Model transition states	Off
Multiple series	Off		_
Panalutian		Temp. highpass filter	Off
Resolution	0.4	_ Threshold	4.00
Base resolution	64	Paradigm size	1
Phase resolution	100 %	Meas	Baseline
Phase partial Fourier	Off	Motion correction	Off
Interpolation	Off	Spatial filter	Off
		. '	
PAT mode	None	Sequence	
Matrix Coil Mode	Auto (CP)	Introduction	On
Distortion Corr	Off	Bandwidth	2232 Hz/Px
Distortion Corr.	Off	Free echo spacing	Off
Prescan Normalize	Off	Echo spacing	0.51 ms
Raw filter	On		
Elliptical filter	Off	EPI factor	64
Hamming	Off	RF pulse type	Normal
Coometry		Gradient mode	Fast*
Geometry			
Multi-slice mode	Interleaved		
Series	Interleaved		
Special set	None		
Special sat.	None		

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Voxel size: 3.0x3.0x3.0 mm

TA: 6:20

Special sat.

None

PAT: Off

Rel. SNR: 1.00

Properties		System	
Prio Recon	Off	Body	Off
Before measurement		HEP	On
After measurement		HEA	On
Load to viewer	On	SP4	Off
Inline movie	Off	SP2	Off
Auto store images	On	SP8	Off
Load to stamp segments	On	SP6	Off
Load images to graphic	Off	SP3	Off
segments	.	SP1	Off
Auto open inline display	Off	SP7	Off
AutoAlign Spine	Off	SP5	Off
Start measurement without	On		
further preparation	On	Positioning mode	REF
Wait for user to start	Off	Table position	Н
Start measurements	single	Table position	0 mm
Start measurements	Single	MSMA	S - C - T
Routine		Sagittal	R >> L
Slice group 1		Coronal	A >> P
Slices	43	Transversal	F >> H
Dist. factor	16 %	Coil Combine Mode	Sum of Squares
Position	R1.4 A14.4 H20.1	Auto Coil Select	Default
Orientation	T > C-14.2 > S2.8		
Phase enc. dir.	A >> P	Shim mode	Standard
Rotation	-0.80 deg	Adjust with body coil	Off
Phase oversampling	0 %	Confirm freq. adjustment	Off
FoV read	192 mm	Assume Silicone	Off
FoV read FoV phase	_	Ref. amplitude 1H	337.226 V
•	100.0 %	Adjustment Tolerance	Auto
Slice thickness TR	3.0 mm	Adjust volume	
	3000 ms	Position	R1.4 A14.4 H20.1
TE	30 ms	Orientation	T > C-14.2 > S2.8
Averages	1	Rotation	-0.80 deg
Concatenations	1	R >> L	192 mm
Filter	None	A >> P	192 mm
Coil elements	HEA;HEP	F >> H	150 mm
Contrast		1	100 111111
MTC	Off	- Physio	Nana
Flip angle	90 deg	1st Signal/Mode	None
Fat suppr.	Fat sat.	BOLD	
		GLM Statistics	Off
Averaging mode	Long term	Dynamic t-maps	Off
Reconstruction	Magnitude	Starting ignore meas	0
Measurements	124	Ignore after transition	0
Delay in TR	0 ms	Model transition states	Off
Multiple series	Off	Temp. highpass filter	Off
Resolution		Threshold	4.00
Base resolution	64	Paradigm size	1
Phase resolution	100 %	S .	Baseline
		Meas	
Phase partial Fourier	Off	Motion correction	Off
Interpolation	Off	Spatial filter	Off
PAT mode	None	Sequence	
Matrix Coil Mode	Auto (CP)	Introduction	On
		Bandwidth	2232 Hz/Px
Distortion Corr.	Off	Free echo spacing	Off
Prescan Normalize	Off	Echo spacing	0.51 ms
Raw filter	On		
Elliptical filter	Off	EPI factor	64
Hamming	Off	RF pulse type	Normal
3			
· ·		Gradient mode	Fast*
Geometry	Interior ve d	Gradient mode	Fast*
· ·	Interleaved Interleaved	Gradient mode	Fast*

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Voxel size: 3.0x3.0x3.0 mm

TA: 6:20

PAT: Off

Rel. SNR: 1.00

			. –
Properties		System	
Prio Recon	Off	Body	Off
Before measurement		HEP	On
After measurement		HEA	On
Load to viewer	On	SP4	Off
Inline movie	Off	SP2	Off
Auto store images	On	SP8	Off
Load to stamp segments	On	SP6	Off
Load images to graphic	Off	SP3	Off
segments		SP1	Off
Auto open inline display	Off	SP7	Off
AutoAlign Spine	Off	SP5	Off
Start measurement without	On		
further preparation		Positioning mode	REF
Wait for user to start	Off	Table position	Н
		Table position	0 mm
Start measurements	single	MSMA	S - C - T
Routine		Sagittal	R >> L
Slice group 1		- Coronal	A >> P
Slices	43	Transversal	F >> H
Dist. factor	16 %	Coil Combine Mode	Sum of Squares
Position	R1.4 A14.4 H20.1	Auto Coil Select	Default
Orientation	T > C-14.2 > S2.8	Shim mode	Standard
Phase enc. dir.	A >> P	Adjust with body coil	Off
Rotation	-0.80 deg		_
Phase oversampling	0 %	Confirm freq. adjustment	Off
FoV read	192 mm	Assume Silicone	Off
FoV phase	100.0 %	Ref. amplitude 1H	337.226 V
Slice thickness	3.0 mm	Adjustment Tolerance	Auto
TR	3000 ms	Adjust volume	
TE		Position	R1.4 A14.4 H20.1
	30 ms	Orientation	T > C-14.2 > S2.8
Averages	1	Rotation	-0.80 deg
Concatenations	1	R >> L	192 mm
Filter	None	A >> P	192 mm
Coil elements	HEA;HEP		
Contract		F >> H	150 mm
Contrast		– Physio	
MTC	Off	1st Signal/Mode	None
Flip angle	90 deg	1	None
Fat suppr.	Fat sat.	BOLD	
A	1	GLM Statistics	Off
Averaging mode	Long term	Dynamic t-maps	Off
Reconstruction	Magnitude	Starting ignore meas	0
Measurements	124	Ignore after transition	0
Delay in TR	0 ms	Model transition states	Off
Multiple series	Off		_
Panalutian		Temp. highpass filter	Off
Resolution	0.4	_ Threshold	4.00
Base resolution	64	Paradigm size	1
Phase resolution	100 %	Meas	Baseline
Phase partial Fourier	Off	Motion correction	Off
Interpolation	Off	Spatial filter	Off
		. '	
PAT mode	None	Sequence	
Matrix Coil Mode	Auto (CP)	Introduction	On
Distortion Corr	Off	Bandwidth	2232 Hz/Px
Distortion Corr.	Off	Free echo spacing	Off
Prescan Normalize	Off	Echo spacing	0.51 ms
Raw filter	On		
Elliptical filter	Off	EPI factor	64
Hamming	Off	RF pulse type	Normal
Coometry		Gradient mode	Fast*
Geometry			
Multi-slice mode	Interleaved		
Series	Interleaved		
Special set	None		
Special sat.	None		

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operties Prio Recon			
	Off	Special sat.	Parallel F 25.0 mm
Before measurement	Oli	Gap Thickness	100 mm
After measurement		1	100 11111
Load to viewer	On	System	
Inline movie	Off	Body	Off
Auto store images	On	HEP	On
Load to stamp segments	Off	HEA	On
Load images to graphic	Off	Positioning mode	REF
segments		Table position	H
Auto open inline display	Off	Table position	0 mm
AutoAlign Spine	Off	MSMA	S - C - T
Start measurement without	On	Sagittal	R >> L
further preparation		Coronal	A >> P
Wait for user to start	Off	Transversal	F >> H
Start measurements	single	Coil Combine Mode	Sum of Squares
outine		Auto Coil Select	Default
Slice group 1		Chim mada	Standard
Slices	9	Shim mode Adjust with body coil	Standard Off
Dist. factor	25 %	Confirm freq. adjustment	Off
Position	Isocenter	Assume Silicone	Off
Orientation	Transversal	Ref. amplitude 1H	337.226 V
Phase enc. dir.	A >> P	Adjustment Tolerance	Auto
Rotation	0.00 deg	Adjust volume	Addo
Phase oversampling	0 %	Position	Isocenter
FoV read	256 mm	Orientation	Transversal
FoV phase	100.0 %	Rotation	0.00 deg
Slice thickness	8.0 mm	R >> L	256 mm
TR	2500 ms	A >> P	256 mm
TE	13 ms	F >> H	88 mm
Averages	1	I Districts	
Concatenations	1	Physio	
Filter	None	1st Signal/Mode	None
Coil elements	HEA;HEP	BOLD	
ontrast		GLM Statistics	Off
Inversion time 2	1800 ms	Dynamic t-maps	Off
Inversion time 1	700 ms	Starting ignore meas	1
Saturation stop time	1600 ms	Ignore after transition	0
Flip angle	90 deg	Model transition states	Off
Fat suppr.	Fat sat.	Temp. highpass filter	On
		Threshold	4.00
Averaging mode	Long term	Paradigm size	4
Reconstruction	Magnitude	Meas[1]	Baseline
Measurements	91 0 ms	Meas[2]	Active
Delay in TR		Meas[3]	Baseline
Multiple series	Each measurement	Meas[4]	Active
esolution		Motion correction	On
Base resolution	64	Interpolation	3D-K-space
Phase resolution	100 %	Spatial filter	On 2.0
Phase partial Fourier	6/8	Filter setting	2.0
Interpolation	Off	Sequence	
PAT mode	None	Introduction	On
Matrix Coil Mode	Auto (CP)	Bandwidth	2232 Hz/Px
		Free echo spacing	Off
Distortion Corr.	Off	Echo spacing	0.51 ms
Prescan Normalize	Off	EPI factor	64
Raw filter	Off	RF pulse type	Normal
Elliptical filter	Off	Gradient mode	Fast
Hamming	Off	Stadion: mode	. 400

Ascending

Series

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parties		Image Filter	Off
perties Prio Recon	Off	Distortion Corr.	Off
Refore measurement	On	Unfiltered images	Off
After measurement		Prescan Normalize	On
oad to viewer	On	Normalize	Off
nline movie	Off	Raw filter	On
uto store images	On	Intensity	Weak
oad to stamp segments	On	Slope	25
oad images to graphic	Off	Elliptical filter	Off
egments		Geometry	
uto open inline display	Off	Multi-slice mode	Interleaved
AutoAlign Spine	Off	Series	Interleaved
Start measurement without	On		
urther preparation		Special sat.	None
Vait for user to start	Off	Ourt	
Start measurements	single	System	0"
		Body	Off
itine		NE2	Off
Slice group 1	20	HEP	On
Slices	20	HEA	On O#
Dist. factor	30 %	SP4	Off
Position	R4.9 A15.9 H7.3	SP2	Off
Orientation	T > C-7.4 > S2.4	SP8	Off
Phase enc. dir.	R >> L	SP6	Off
Rotation	90.00 deg	SP3	Off
Phase oversampling	0 %	SP1	Off
FoV read	240 mm	SP7	Off
oV phase	90.6 %	SP5	Off
Slice thickness	5.0 mm	Positioning mode	FIX
TR	9000 ms	Table position	H
Έ	99 ms	Table position Table position	H 0 mm
Averages	1	MSMA	0 mm S - C - T
Concatenations	2	_	
ilter	Raw filter, Prescan Normalize	Sagittal Coronal	R >> L
Coil elements	HEA;HEP		A >> P E >> H
ntrast		Transversal	F >> H Off
D	0.0 ms	Save uncombined Coil Combine Mode	Off Adaptive Combine
/TC	Off	Auto Coil Select	Adaptive Combine Default
Magn. preparation	Slice-sel. IR	Auto Coli Select	Delauit
'I	2500 ms	Shim mode	Tune up
reeze suppressed tissue	Off	Adjust with body coil	Off
lip angle	180 deg	Confirm freq. adjustment	Off
at suppr.	Fat sat.	Assume Silicone	Off
at suppr. at sat. mode	Strong	Ref. amplitude 1H	337.226 V
Vater suppr.	None	Adjustment Tolerance	Auto
lestore magn.	Off	Adjust volume	
		Position	Isocenter
veraging mode	Long term	Orientation	Transversal
Reconstruction	Magnitude	Rotation	0.00 deg
leasurements	1	R >> L	350 mm
fultiple series	Each measurement	A >> P	263 mm
olution		F >> H	350 mm
Base resolution	256	Dhysia	
Phase resolution	256 90 %	Physio	
	90 % Off	1st Signal/Mode	None
hase partial Fourier		Dark blood	Off
rajectory	Cartesian		
nterpolation	Off	Resp. control	Off
PAT mode	GRAPPA	•	
Accel. factor PE	2	Inline	Off
Ref. lines PE	42	Subtract	Off Off
Matrix Coil Mode	Triple	Std-Dev-Sag	Off
Reference scan mode	Integrated	Std-Dev-Cor	Off
CICICIOC SCALL HICUE	nnegrateu	Std-Dev-Tra	Off

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

Sequence

Sequence	
Introduction	On
Dimension	2D
Compensate T2 decay	Off
Reduce Motion Sens.	Off
Contrasts	1
Bandwidth	201 Hz/Px
Flow comp.	No
Allowed delay	20 s
Echo spacing	8.99 ms
Define	Turbo factor
Turbo factor	21
Echo trains per slice	6
RF pulse type	Fast
Gradient mode	Normal

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TA: 2:00 PAT: Off Voxel size: 0.8×0.5×5.0 mm Rel. SNR: 1.00 SIEMENS: tse			
Properties		Intensity	Weak
Prio Recon	Off	Slope	25
Before measurement	Oli	Elliptical filter	Off
After measurement		Geometry	
Load to viewer	On	Multi-slice mode	Interleaved
Inline movie	Off	Series	Interleaved
Auto store images	On		
Load to stamp segments	Off	Special sat.	None
Load images to graphic	Off	1 · · · · · · · · · · · · · · · · · · ·	
segments		System	0"
Auto open inline display	Off	Body	Off
AutoAlign Spine	Off	HEP	On On
Start measurement without	On	HEA SP4	On Off
further preparation		SP2	Off
Wait for user to start	Off	SP8	Off
Start measurements	single	SP6	Off
Routine		SP3	Off
Slice group 1		SP1	Off
Slices	20	SP7	Off
Dist. factor	30 %	SP5	Off
Position	R5.5 A33.1 H21.0		
Orientation	T > C3.2 > S1.4	Positioning mode	REF
Phase enc. dir.	R >> L	Table position	H
Rotation	90.00 deg	Table position	0 mm
Phase oversampling	0 %	MSMA	S-C-T
FoV read	240 mm	Sagittal	R >> L
FoV phase	81.3 %	Coronal	A >> P
Slice thickness	5.0 mm	Transversal	F >> H
TR	3600 ms	Save uncombined	Off
TE	87 ms	Coil Combine Mode Auto Coil Select	Adaptive Combine Default
Averages	2	Auto Coli Select	Delauit
Concatenations	1	Shim mode	Standard
Filter	Raw filter, Prescan Normalize	Adjust with body coil	Off
Coil elements	HEA;HEP	Confirm freq. adjustment	Off
Contrast		Assume Silicone	Off
MTC	Off	Ref. amplitude 1H	337.226 V
Magn. preparation	None	Adjustment Tolerance	Auto
Flip angle	180 deg	Adjust volume	DE 5 400 4 1104 0
Fat suppr.	None	Position	R5.5 A33.1 H21.0
Fat sat. mode	Strong	Orientation	T > C3.2 > S1.4
Water suppr.	None	Rotation A >> P	90.00 deg 240 mm
Restore magn.	Off	R >> L	195 mm
Averaging mode	Long term	F >> H	199 mm
Reconstruction	Magnitude	ı	120 11111
Measurements	1	Physio	
Multiple series	Each measurement	1st Signal/Mode	None
Resolution		Dark blood	Off
Base resolution	512	Page control	Off
Phase resolution	56 %	Resp. control	OII
Phase partial Fourier	Off	Inline	
Trajectory	Cartesian	Subtract	Off
Interpolation	Off	Std-Dev-Sag	Off
DAT mode	None	Std-Dev-Cor	Off
PAT mode Matrix Coil Mode	None	Std-Dev-Tra	Off
Matrix Coil Mode	Auto (CP)	Std-Dev-Time	Off
Image Filter	Off	MIP-Sag	Off
Distortion Corr.	Off	MIP-Cor	Off
Unfiltered images	Off	MIP-Tra	Off
Prescan Normalize	On	MIP-Time	Off
Normalize	Off	Save original images	On
Raw filter	On	Sequence	

Introduction Dimension Compensate T2 decay Reduce Motion Sens. Contrasts Bandwidth Flow comp. Allowed delay Echo spacing	On 2D Off Off 1 199 Hz/Px No 0 s 10.8 ms
Define	Turbo factor
Turbo factor	15
Echo trains per slice	16
RF pulse type	Low SAR
Gradient mode	Fast