\\USER\projects\imagen_20091016_VB17\imagen, session 2, with BH\localizer TA: 0:21 PAT: Off Voxel size: 1.1×1.0×7.0 mm Rel. SNR: 1.00 SIEMENS: gre

Droportios		Phase partial Fourier	Off
Properties Properties	0"	Interpolation	On
Prio Recon	Off		Nama
Before measurement		PAT mode	None
After measurement	On	Matrix Coil Mode	CP
Load to viewer	On	Image Filter	Off
Inline movie	Off	Distortion Corr.	On
Auto store images	On On	Mode	2D
Load to stamp segments	Off	Unfiltered images	Off
Load images to graphic	Off	Unfiltered images	Off
segments		Prescan Normalize	On
Auto open inline display	Off	Normalize	Off
Start measurement without	Off	B1 filter	Off
further preparation		Raw filter	Off
Wait for user to start	Off		On
Start measurements	single	Elliptical filter Mode	Inplane
Routine		Geometry	
Slice group 1		Multi-slice mode	Sequential
Slices	3	Series	Interleaved
Dist. factor	114 %		
Position	Isocenter	Saturation mode	Standard
Orientation	Sagittal	Special sat.	None
Phase enc. dir.	A >> P		
Rotation	0.00 deg	Set-n-Go Protocol	Off
Slice group 2		Table position	H
Slices	1	Table position	0 mm
Dist. factor	20 %	Inline Composing	Off
Position	Isocenter	I mine Composing	Oii
Orientation	Transversal	System	
Phase enc. dir.	A >> P	Body	Off
Rotation	0.00 deg	HEP	On
Slice group 3	0.00 deg	HEA	On
Slices	1		
Dist. factor	20 %	Positioning mode	REF
Position	Isocenter	MSMA	S - C - T
Orientation		Sagittal	L >> R
	Coronal	Coronal	P >> A
Phase enc. dir.	R >> L	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Sum of Squares
Phase oversampling	0 %	AutoAlign	·
FoV read	250 mm	Auto Coil Select	Default
FoV phase	100.0 %		
Slice thickness	7.0 mm	Shim mode	Tune up
TR	8.6 ms	Adjust with body coil	Off
TE	4.00 ms	Confirm freq. adjustment	Off
Averages	2	Assume Silicone	Off
Concatenations	5	? Ref. amplitude 1H	0.000 V
Filter	Distortion Corr.(2D), Prescan	Adjustment Tolerance	Auto
	Normalize, Elliptical filter	Adjust volume	
Coil elements	HEA;HEP	Position	Isocenter
Contrast		Orientation	Transversal
	0 mg	Rotation	0.00 deg
TD MTC	0 ms Off	R >> L	350 mm
		A >> P	263 mm
Magn. preparation	None	F >> H	350 mm
Flip angle	20 deg	1	
Fat suppr.	None	Physio	
Water suppr.	None	1st Signal/Mode	None
Averaging mode	Short term	Segments	1
Reconstruction	Magnitude	Tagging	None
Measurements	1	Dark blood	Off
Multiple series	Each measurement		
•		Resp. control	Off
Resolution	050	Inline	
Base resolution	256	Subtract	Off
Phase resolution	90 %	1/4	~

Liver registration	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On
Wash - In	Off
Wash - Out	Off
TTP	Off
PEI	Off
MIP - time	Off

Ocquence	
Introduction	On
Dimension	2D
Phase stabilisation	Off
Asymmetric echo	Allowed
Contrasts	1
Bandwidth	320 Hz/Px
Flow comp.	No
Allowed delay	0 s
RF pulse type	Normal
Gradient mode	Normal
Excitation	Slice-sel.
RF spoiling	On

\\USER\projects\imagen_20091016_VB17\imagen, session 2, with BH\short MPRAGE

• •	PAT: 2 Voxel size: 2.2×2.2×		SIEMENS: tfl
Properties		Distortion Corr.	On
Prio Recon	Off	Mode	2D
Before measurement	OII	Unfiltered images	Off
After measurement		Unfiltered images	Off
Load to viewer	On	Prescan Normalize	On
Inline movie	Off	Normalize	Off
		B1 filter	Off
Auto store images Load to stamp segments	On Off	Raw filter	Off
	Off	Elliptical filter	Off
Load images to graphic	OII	Geometry	
segments Auto open inline display	Off	Geometry Multi-slice mode	Single shot
Start measurement without	On	Series	Interleaved
	OII	Jelie2	
further preparation Wait for user to start	Off	Cod in Co- Deads I	O#
Start measurements	single	Set-n-Go Protocol	Off
Julia i i i i i i i i i i i i i i i i i i	siriyi c	Table position	H
Routine		Table position	11 mm
Slab group 1		Inline Composing	Off
Slabs	1	System	
Dist. factor	50 %	Body	Off
Position	R4.7 A3.1 H10.8	HEP	On
Orientation	Sagittal	HEA	On
Phase enc. dir.	A >> P		
Rotation	0.00 deg	Positioning mode	ISO
Phase oversampling	0 %	MSMA	S - C - T
Slice oversampling	0.0 %	Sagittal	L >> R
Slices per slab	160	Coronal	P >> A
FoV read	280 mm	Transversal	F >> H
FoV phase	93.8 %	Save uncombined	Off
Slice thickness	1.10 mm	Coil Combine Mode	Sum of Squares
TR	2300 ms	AutoAlign	
TE	2.85 ms	Auto Coil Select	Default
Averages	1	Shim mode	Standard
Concatenations	1	Adjust with body coil	Off
Filter	Distortion Corr.(2D), Prescan	Confirm freq. adjustment	Off
	Normalize	Assume Silicone	Off
Coil elements	HEA;HEP		_
	•	? Ref. amplitude 1H	0.000 V
Contrast		Adjustment Tolerance	Auto
Magn. preparation	Non-sel. IR	Adjust volume Position	D47 A2 1 L10 0
<u>Tl</u>	900 ms	Orientation	R4.7 A3.1 H10.8
Flip angle	9 deg		Sagittal
Fat suppr.	None	Rotation	0.00 deg
Water suppr.	None	F >> H	280 mm
Averaging mode	Long term	A >> P	263 mm
Reconstruction	Magnitude	R >> L	176 mm
Measurements	1	Physio	
Multiple series	Off	1st Signal/Mode	None
•			
Resolution		Dark blood	Off
Base resolution	128	Resp. control	Off
Phase resolution	100 %	•	
Slice resolution	100 %	Inline	
Phase partial Fourier	Off	Subtract	Off
Slice partial Fourier	Off	Std-Dev-Sag	Off
Interpolation	On	Std-Dev-Cor	Off
DAT mode	CDADDA	Std-Dev-Tra	Off
PAT mode	GRAPPA	Std-Dev-Time	Off
Accel. factor PE	2	MIP-Sag	Off
Ref. lines PE	24	MIP-Cor	Off
Accel. factor 3D	1 Triple	MIP-Tra	Off
Matrix Coil Mode	Triple	MIP-Time	Off
Reference scan mode	Integrated	Save original images	On
Imaga Filtor	0#		

Image Filter

Off

Introduction	On
Dimension	3D
Elliptical scanning	Off
Asymmetric echo	Off
Bandwidth	240 Hz/Px
Flow comp.	No
Echo spacing	6.2 ms
RF pulse type	Fast
Gradient mode	Normal
Excitation	Non-sel.
RF spoiling	On

\\USER\projects\imagen_20091016_VB17\imagen, session 2, with BH\EPI short MID TA: 11:07 PAT: 2 Voxel size: 3.4×3.4×2.4 mm Rel. SNR: 1.00 SIEMENS: ep2d_bold

Properties		Series	Descending
Prio Recon	Off	Special sat.	None
Before measurement			Off
After measurement		Set-n-Go Protocol Table position	H
Load to viewer	On	Table position	11 mm
Inline movie	Off	Inline Composing	Off
Auto store images	On Off	•	
Load to stamp segments	Off Off	System	
Load images to graphic segments	Oli	Body	Off
Auto open inline display	Off	HEP HEA	On On
Start measurement without	On		OII
further preparation		Positioning mode	ISO
Wait for user to start	On	MSMA	S - C - T
Start measurements	single	Sagittal	L >> R
Routine		Coronal	P >> A
Slice group 1		_ Transversal	F >> H
Slices	40	Coil Combine Mode AutoAlign	Sum of Squares
Dist. factor	42 %	Auto Coil Select	Default
Position	R4.7 A3.1 H10.8		Delault
Orientation	T > C-14.9	Shim mode	Standard
Phase enc. dir.	P >> A	Adjust with body coil	Off
Rotation	180.00 deg	Confirm freq. adjustment	Off
Phase oversampling	0 %	Assume Silicone	Off
FoV read	220 mm	? Ref. amplitude 1H	0.000 V
FoV phase	100.0 %	Adjustment Tolerance	Auto
Slice thickness	2.4 mm	Adjust volume	D47 A2 4 H40 0
TR	2200 ms	Position Orientation	R4.7 A3.1 H10.8 T > C-14.9
TE	30 ms	Rotation	1 > C-14.9 180.00 deg
Averages	1	R >> L	220 mm
Concatenations	1	A >> P	220 mm
Filter Coil elements	Prescan Normalize HEA;HEP	F >> H	136 mm
ı	HEA,HEF	Į	
Contrast		Physio 1st Signal/Mode	None
MTC	Off	1	None
Flip angle Fat suppr.	75 deg Fat sat.	BOLD	
r at suppr.	Fai Sai.	GLM Statistics	Off
Averaging mode	Long term	Dynamic t-maps	Off
Reconstruction	Magnitude	Starting ignore meas	0
Measurements	300	Ignore after transition Model transition states	0 Off
Delay in TR	0 ms	Temp. highpass filter	Off
Multiple series	Off	Threshold	4.00
Resolution		Paradigm size	20
Base resolution	64	Meas[1]	Baseline
Phase resolution	100 %	Meas[2]	Baseline
Phase partial Fourier	Off	Meas[3]	Baseline
Interpolation	Off	Meas[4]	Baseline
PAT mode	GRAPPA	Meas[5]	Baseline
Accel. factor PE	2	Meas[6]	Baseline
Ref. lines PE	24	Meas[7]	Baseline
Matrix Coil Mode	CP	Meas[8]	Baseline
Reference scan mode	Separate	Meas[9]	Baseline
		Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Unfiltered images	Off	Meas[12]	Active
Prescan Normalize Raw filter	On On	Meas[13]	Active Active
Elliptical filter	Off	Meas[14] Meas[15]	Active
Hamming	Off	Meas[16]	Active
1		Meas[17]	Active
Geometry		- Meas[17]	Active
Multi-slice mode	Interleaved		

Meas[19]	Active
Meas[20]	Active
Motion correction	Off
Spatial filter	Off

Introduction	Off
Bandwidth	2298 Hz/Px
Free echo spacing	On
Echo spacing	0.52 ms
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

\\USER\projects\imagen_20091016_VB17\imagen, session 2, with BH\EPI global
TA: 5:15 PAT: 2 Voxel size: 3.4×3.4×2.4 mm Rel. SNR: 1.00 SIEMENS: ep2d_bold

Properties		Series	Descending
Prio Recon	Off	Special sat.	None
Before measurement After measurement		Set-n-Go Protocol	Off
Load to viewer	On	Table position	Н
Inline movie	Off	Table position	11 mm
Auto store images	On	Inline Composing	Off
Load to stamp segments	Off	System	
Load images to graphic	Off	Body	Off
segments		HEP	On
Auto open inline display	Off	HEA	On
Start measurement without	On		
further preparation		Positioning mode	ISO
Wait for user to start	On	MSMA	S - C - T
Start measurements	single	Sagittal	L >> R
Routine		Coronal	P >> A
Slice group 1		Transversal	F >> H
Slices	40	Coil Combine Mode	Sum of Squares
Dist. factor	42 %	AutoAlign	Deferrit
Position	R4.7 A3.1 H10.8	Auto Coil Select	Default
Orientation	T > C-14.9	Shim mode	Standard
Phase enc. dir.	P >> A	Adjust with body coil	Off
Rotation	180.00 deg	Confirm freq. adjustment	Off
Phase oversampling	0 %	Assume Silicone	Off
FoV read	220 mm	? Ref. amplitude 1H	0.000 V
FoV phase	100.0 %	Adjustment Tolerance	Auto
Slice thickness	2.4 mm	Adjust volume	
TR	2200 ms	Position	R4.7 A3.1 H10.8
TE	30 ms	Orientation	T > C-14.9
Averages	1	Rotation	180.00 deg
Concatenations	1	R >> L	220 mm
Filter	Prescan Normalize	A >> P	220 mm
Coil elements	HEA;HEP	F >> H	136 mm
Contrast		Physio	
MTC	Off	1st Signal/Mode	None
Flip angle	75 deg	BOLD	
Fat suppr.	Fat sat.	GLM Statistics	Off
		Dynamic t-maps	Off
Averaging mode	Long term	Starting ignore meas	0
Reconstruction	Magnitude	Ignore after transition	0
Measurements	140	Model transition states	Off
Delay in TR	0 ms	Temp. highpass filter	Off
Multiple series	Off	Threshold	4.00
Resolution		Paradigm size	20
Base resolution	64	Meas[1]	Baseline
Phase resolution	100 %	Meas[2]	Baseline
Phase partial Fourier	Off	Meas[3]	Baseline
Interpolation	Off	Meas[4]	Baseline
PAT mode	GRAPPA	Meas[5]	Baseline
Accel. factor PE	GRAPPA 2	Meas[6]	Baseline
Ref. lines PE	24	Meas[7]	Baseline
Matrix Coil Mode	CP	Meas[8]	Baseline
Reference scan mode		Meas[9]	Baseline
	Separate	Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Unfiltered images	Off	Meas[12]	Active
Prescan Normalize	On	Meas[13]	Active
Raw filter	On	Meas[14]	Active
Elliptical filter	Off	Meas[15]	Active
Hamming	Off	Meas[16]	Active
Geometry		Meas[17]	Active
Multi-slice mode	Interleaved	Meas[18]	Active

Meas[19]	Active
Meas[20]	Active
Motion correction	Off
Spatial filter	Off

Introduction Bandwidth Free echo spacing Echo spacing	Off 2298 Hz/Px On 0.52 ms
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

\\USER\projects\imagen_20091016_VB17\imagen, session 2, with BH\EPI BH calibration TA: 5:50 PAT: 2 Voxel size: 3.4×3.4×2.4 mm Rel. SNR: 1.00 SIEMENS: ep2d_bold

Properties		Series	Descending
Prio Recon	Off	Special sat.	None
Before measurement	.		
After measurement		Set-n-Go Protocol	Off
Load to viewer	On	Table position	H
Inline movie	Off	Table position	11 mm
Auto store images	On	Inline Composing	Off
Load to stamp segments	Off	System	
Load images to graphic	Off	Body	Off
segments		HEP	On
Auto open inline display	Off	HEA	On
Start measurement without	On	Desitioning goods	
further preparation	_	Positioning mode MSMA	ISO S - C - T
Wait for user to start	On		5-0-1 L>> R
Start measurements	single	Sagittal Coronal	L >> K P >> A
Routine		Transversal	F >> A F >> H
Slice group 1		Coil Combine Mode	Sum of Squares
Slices	40		Sum of Squares
Dist. factor	42 %	Auto Coil Soloat	 Default
Position	R4.7 A3.1 H10.8	Auto Coil Select	Delauli
Orientation	T > C-14.9	Shim mode	Standard
Phase enc. dir.	P >> A	Adjust with body coil	Off
Rotation	180.00 deg	Confirm freq. adjustment	Off
Phase oversampling	0 %	Assume Silicone	Off
FoV read	220 mm	? Ref. amplitude 1H	0.000 V
FoV phase	100.0 %	Adjustment Tolerance	Auto
Slice thickness	2.4 mm	Adjust volume	
TR	2200 ms	Position	R4.7 A3.1 H10.8
TE	30 ms	Orientation	T > C-14.9
Averages	1	Rotation	180.00 deg
Concatenations	1	R >> L	220 mm
Filter	Prescan Normalize	A >> P	220 mm
Coil elements	HEA;HEP	F >> H	136 mm
Contrast		Physio	
MTC	Off	1st Signal/Mode	None
Flip angle	75 deg	BOLD	
Fat suppr.	Fat sat.	GLM Statistics	Off
		Dynamic t-maps	Off
Averaging mode	Long term	Starting ignore meas	0
Reconstruction	Magnitude	Ignore after transition	0
Measurements	156	Model transition states	Off
Delay in TR	0 ms	Temp. highpass filter	Off
Multiple series	Off	Threshold	4.00
Resolution		Paradigm size	20
Base resolution	64	Meas[1]	Baseline
Phase resolution	100 %	Meas[2]	Baseline
Phase partial Fourier	Off	Meas[3]	Baseline
Interpolation	Off	Meas[4]	Baseline
	OD 4 DD 4	Meas[5]	Baseline
PAT mode	GRAPPA	Meas[6]	Baseline
Accel. factor PE	2	Meas[7]	Baseline
Ref. lines PE	24	Meas[8]	Baseline
Matrix Coil Mode	CP Congrete	Meas[9]	Baseline
Reference scan mode	Separate	Meas[10]	Baseline
Distortion Corr.	Off	Meas[11]	Active
Unfiltered images	Off	Meas[12]	Active
Prescan Normalize	On	Meas[13]	Active
Raw filter	On	Meas[14]	Active
Elliptical filter	Off	Meas[15]	Active
Hamming	Off	Meas[16]	Active
		Meas[17]	Active
Geometry Multi-slice mode		— Meas[18]	Active
	Interleaved		· ·

Meas[19]	Active
Meas[20]	Active
Motion correction	Off
Spatial filter	Off

Introduction Bandwidth Free echo spacing Echo spacing	Off 2298 Hz/Px On 0.52 ms
EPI factor	64
RF pulse type	Normal
Gradient mode	Fast

\\USER\projects\imagen_20091016_VB17\imagen, session 2, with BH\B0 map

TA: 0:45

Multi-slice mode

Series

Interleaved

Interleaved

Voxel size: 4.0×4.0×4.0 mm Rel. SNR: 1.00 SIEMENS: gre field mapping **Properties** Special sat. None Prio Recon Off Set-n-Go Protocol Off Before measurement Table position Н After measurement Table position 11 mm On Load to viewer Inline Composing Off Inline movie Off Auto store images On System Load to stamp segments Off Off Body Load images to graphic Off **HEP** On seaments HEA On Auto open inline display Off Positioning mode FIX Start measurement without On **MSMA** S - C - T further preparation L >> R Sagittal Wait for user to start On Coronal P >> A Start measurements single Transversal F >> H Routine Save uncombined Off Slice group 1 Coil Combine Mode Adaptive Combine Slices 36 AutoAlian Dist. factor 0 % Auto Coil Select Default Position R4.7 A3.1 H10.8 Shim mode Standard Orientation T > C-14.9Adjust with body coil Off Phase enc. dir. R >> L Confirm freq. adjustment Off Rotation 90.00 deg Assume Silicone Off Phase oversampling 0 % ? Ref. amplitude 1H 0.000 V FoV read 256 mm Adjustment Tolerance Auto FoV phase 87.5 % Adjust volume Slice thickness 4.0 mm Position R4.7 A3.1 H10.8 TR 378 ms Orientation T > C-14.9TE 1 4.63 ms Rotation 90.00 deg 7.09 ms TE 2 A >> P 256 mm **Averages** R >> L 224 mm Concatenations F >> H 144 mm Raw filter Filter HEA;HEP Coil elements Composing Contrast Sequence Off MTC On Introduction Flip angle 40 dea Dimension 2D Fat suppr. None Off Asymmetric echo Contrasts 2 Averaging mode Short term Bandwidth 260 Hz/Px Reconstruction Magn./Phase Flow comp. Yes Measurements Each measurement Multiple series RF pulse type Normal Gradient mode Fast Resolution RF spoiling On Base resolution 64 Phase resolution 100 % Phase partial Fourier Off Interpolation Off Matrix Coil Mode Auto (CP) Image Filter Off Distortion Corr. Off Prescan Normalize Off Normalize Off B1 filter Off Raw filter On Intensity Medium Slope 48 Elliptical filter Off Geometry

\\US	SER\projec	cts\imagen_20091016_VB17	∖imagen, session	2, with BH\DTI	
TA: 13:00	PAT: 2	Voxel size: 2.4x2.4x2.4 mm	Rel. SNR: 1.00	SIEMENS: ep2d_diff	

roperties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement			
After measurement		Set-n-Go Protocol	Off
Load to viewer	On	Table position	H
Inline movie	Off	Table position	0 mm
Auto store images	On	Inline Composing	Off
Load to stamp segments	Off	Inline Composing	Oil
Load images to graphic	Off	System	
segments	Oli	Body	Off
Auto open inline display	Off	HEP	On
Start measurement without	On	HEA	On
	On		
further preparation		Positioning mode	REF
Wait for user to start	On	MSMA	S - C - T
Start measurements	single	Sagittal	R >> L
outine		Coronal	A >> P
Slice group 1		Transversal	F >> H
Slices	60	Coil Combine Mode	Adaptive Combine
Dist. factor	0 %	AutoAlign	
		Auto Coil Select	Default
Position	Isocenter		
Orientation	Transversal	Shim mode	Standard
Phase enc. dir.	P >> A	Adjust with body coil	Off
Rotation	180.00 deg	Confirm freq. adjustment	Off
Phase oversampling	0 %	Assume Silicone	Off
FoV read	307 mm	? Ref. amplitude 1H	0.000 V
FoV phase	100.0 %	Adjustment Tolerance	Auto
Slice thickness	2.4 mm	Adjust volume	Auto
TR	1000 ms	Position	Isocenter
TE	104 ms		
Averages	1	Orientation	Transversal
Concatenations	20	Rotation	180.00 deg
Filter	Raw filter, Prescan Normalize	R >> L	307 mm
Coil elements	HEA;HEP	A >> P	307 mm
Coll elements	пем,пер	F >> H	144 mm
ontrast		Physio	
MTC	Off	1st Signal/Mode	Pulse/Trigger
Magn. preparation	None	Average cycle	7534 ± 0 ms
Fat suppr.	Fat sat.	Acquisition window	15000 ms
Averaging mode	Long torm	Trigger pulse	1
	Long term	Trigger delay	0 ms
Reconstruction	Magnitude	Phases	
Delay in TR	0 ms	1 110303	1
			1
Multiple series	Off	Resp. control	Off
Multiple series esolution		Resp. control	
·		Resp. control Diff	Off
esolution	Off	Resp. control Diff Diffusion mode	Off Free
esolution Base resolution Phase resolution	Off 128	Resp. control Diff Diffusion mode Diff. weightings	Off Free 1
esolution Base resolution Phase resolution Phase partial Fourier	Off 128 100 % Off	Resp. control Diff Diffusion mode Diff. weightings b-value	Off Free 1 1300 s/mm²
esolution Base resolution Phase resolution Phase partial Fourier Interpolation	Off 128 100 % Off Off	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images	Off Free 1 1300 s/mm² On
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode	Off 128 100 % Off Off GRAPPA	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images	Off Free 1 1300 s/mm² On Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation	Off 128 100 % Off Off	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps	Free 1 1300 s/mm² On Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode	Off 128 100 % Off Off GRAPPA	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps	Free 1 1300 s/mm² On Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE	Off 128 100 % Off Off GRAPPA 2 24	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps FA maps	Free 1 1300 s/mm² On Off Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE Ref. lines PE	Off 128 100 % Off Off GRAPPA 2 24 Auto (Triple)	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps	Free 1 1300 s/mm² On Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE Ref. lines PE Matrix Coil Mode Reference scan mode	Off 128 100 % Off Off GRAPPA 2 24 Auto (Triple) Separate	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps FA maps	Free 1 1300 s/mm² On Off Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE Ref. lines PE Matrix Coil Mode	Off 128 100 % Off Off GRAPPA 2 24 Auto (Triple)	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps FA maps Mosaic	Free 1 1300 s/mm² On Off Off Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE Ref. lines PE Matrix Coil Mode Reference scan mode	Off 128 100 % Off Off GRAPPA 2 24 Auto (Triple) Separate	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps FA maps Mosaic Tensor Noise level	Free 1 1300 s/mm² On Off Off Off Off Off Off Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE Ref. lines PE Matrix Coil Mode Reference scan mode Distortion Corr.	Off 128 100 % Off Off GRAPPA 2 24 Auto (Triple) Separate Off	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps FA maps Mosaic Tensor	Free 1 1300 s/mm² On Off Off Off Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE Ref. lines PE Matrix Coil Mode Reference scan mode Distortion Corr. Prescan Normalize Raw filter	Off 128 100 % Off Off Off GRAPPA 2 24 Auto (Triple) Separate Off On On	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps FA maps Mosaic Tensor Noise level Diff. directions	Free 1 1300 s/mm² On Off Off Off Off Off Off Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE Ref. lines PE Matrix Coil Mode Reference scan mode Distortion Corr. Prescan Normalize Raw filter Intensity	Off 128 100 % Off Off Off GRAPPA 2 24 Auto (Triple) Separate Off On On Strong	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps FA maps Mosaic Tensor Noise level Diff. directions	Free 1 1300 s/mm² On Off Off Off Off Off Off Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE Ref. lines PE Matrix Coil Mode Reference scan mode Distortion Corr. Prescan Normalize Raw filter Intensity Slope	Off 128 100 % Off Off Off GRAPPA 2 24 Auto (Triple) Separate Off On On Strong 64	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps FA maps Mosaic Tensor Noise level Diff. directions Sequence Introduction	Off Free 1 1300 s/mm² On Off Off Off Off Off Off Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE Ref. lines PE Matrix Coil Mode Reference scan mode Distortion Corr. Prescan Normalize Raw filter Intensity Slope Elliptical filter	Off 128 100 % Off Off Off GRAPPA 2 24 Auto (Triple) Separate Off On On Strong 64 Off	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps FA maps Mosaic Tensor Noise level Diff. directions Sequence Introduction Bandwidth	Free 1 1300 s/mm² On Off Off Off Off Off Off Off Off Off
esolution Base resolution Phase resolution Phase partial Fourier Interpolation PAT mode Accel. factor PE Ref. lines PE Matrix Coil Mode Reference scan mode Distortion Corr. Prescan Normalize Raw filter Intensity Slope	Off 128 100 % Off Off Off GRAPPA 2 24 Auto (Triple) Separate Off On On Strong 64	Resp. control Diff Diffusion mode Diff. weightings b-value Diff. weighted images Trace weighted images Average ADC maps Individual ADC maps FA maps Mosaic Tensor Noise level Diff. directions Sequence Introduction	Off Free 1 1300 s/mm² On Off Off Off Off Off Off Off Off Off

EPI factor 128
RF pulse type Normal
Gradient mode Fast