\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\localizer

Scan Time: 9.2 [s] Voxel size: 2.2×1.1×10.0 [mm] Rel. SNR: 1.00 SIEMENS: gre

Routine		System	
Slice group 1		Save uncombined	0
Slices	1	Scan at current TP	1
Dist. factor	20 [%]	MSMA	S - C - T
Position	L0.0 A60.0 H0.0 [mm]	Sagittal	R >> L
Orientation	Sagittal	Coronal	A >> P
Phase enc. dir.	A >> P	Transversal	F >> H
Rotation		8 Channel Head / PH5	1
	0 [deg]		1
Slice group 2		8 Channel Head / PH6	1
Slices	1	8 Channel Head / PH7	1
Dist. factor	20 [%]	8 Channel Head / PH8	1
Position	Isocenter	8 Channel Head / PH1	1
Orientation	Transversal	8 Channel Head / PH2	1
Phase enc. dir.	A >> P	8 Channel Head / PH3	1
Rotation	0 [deg]	8 Channel Head / PH4	1
Slice group 3	1 01	Body	0
Slices	1		
Dist. factor	20 [%]	Shim mode	Tune up
Position	Isocenter	Adjust with body coil	0
Orientation	Coronal	Confirm freq. adjustment	0
		Assume Silicone	0
Phase enc. dir.	R >> L	Ref. amplitude [1H]	200.000 [V]
Rotation	0 [deg]	Adjust volume	[.]
Phase oversampling	0 [%]	Position	Isocenter
FoV read	280 [mm]	Orientation	Transversal
FoV phase	100.0 [%]		
Slice thickness	10 [mm]	Rotation	0 [deg]
TR	20 [ms]	R >> L	350 [mm]
TE	5 [ms]	A >> P	263 [mm]
Averages	1	F >> H	350 [mm]
Concatenations	3	Physio	
Filter	Elliptical filter	1st Signal/Mode	None
Coil elements	PH1,PH2,PH3,	Segments	1
Ooli elements	1111,1112,1110,	Segments	
Contrast		Tagging	None
TD	0 [ms]	Dark blood	0
MTC	0		
Magn. preparation	None	Resp. control	Off
Flip angle	40 [deg]	Inline	
Reconstruction	Magnitude	Subtract	0
Fat suppr.	None	Std-Dev-Sag	0
Water suppr.	None	Std-Dev-Sag Std-Dev-Cor	0
Measurements	1		
T .	•	Std-Dev-Tra	0
Resolution		Std-Dev-Time	0
Base resolution	256	MIP-Sag	0
Phase resolution	50 [%]	MIP-Cor	0
Phase partial Fourier	Off	MIP-Tra	0
Filter 1		MIP-Time	0
Raw filter	Off	Save original images	1
Filter 2		Wooh In	0
Large FoV	Off	Wash - In	0
Filter 3	-	Wash - Out	0
Normalize	Off	TTP	0
Filter 4	Oil	PEI	0
	On	MIP - time	0
Elliptical filter	On 1	Sequence	
Interpolation	1	Introduction	1
PAT mode	None	Dimension	2D
Geometry		Phase stabilisation	0 Short torm
Multi-slice mode	Sequential	Averaging mode	Short term
Series	Interleaved	Asymmetric echo	Off
Coturation made	Standard	Contrasts	1
Saturation mode	Standard	Bandwidth	180 [Hz/Px]
Special sat.	None	Flow comp.	No
1		1	

RF pulse type Gradient mode Excitation RF spoiling Fast Normal Slice-sel.

4

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\tfl_ADNI-MPRAGE

Scan Time: 9:38 Voxel size: 1.3x1.3x1.2 [mm] Rel. SNR: 1.00 USER: tfl_ADNI

Slab group 1 Slabs Dist. factor Position Orientation Phase enc. dir. Rotation Phase oversampling Slice oversampling Slices per slab FoV read FoV phase Slice thickness TR	1 50 [%] L0.0 A50.0 H0.0 [mm] Sagittal A >> P 0 [deg] 0 [%] 30 [%] 160 240 [mm] 100.0 [%] 1.2 [mm] 3000 [ms]	8 Channel Head / PH1 8 Channel Head / PH2 8 Channel Head / PH3 8 Channel Head / PH4 Body Shim mode Adjust with body coil Confirm freq. adjustment Assume Silicone Ref. amplitude [1H] Adjust volume Position Orientation Rotation F >> H	1 1 1 1 0 Standard 0 0 200.000 [V] L0.0 A50.0 H0.0 [mm] Sagittal 0 [deg] 240 [mm]
TE Averages	3.54 [ms] 1	A >> P R >> L	240 [mm] 192 [mm]
Concatenations	1	I	132 [11111]
Filter	Normalize	Physio 1st Signal/Mode	None
Coil elements	PH1,PH2,PH3,		
Contrast		Dark blood	0
Magn. preparation TI	Non-sel. IR 1000 [ms]	Resp. control	Off
Flip angle	8 [deg]	Inline	
Reconstruction	Magnitude	Subtract	0
Fat suppr.	None	Std-Dev-Sag	0
Water suppr.	None	Std-Dev-Cor Std-Dev-Tra	0 0
Measurements	1	Std-Dev-Time	0
Resolution		MIP-Sag	0
Base resolution	192	MIP-Cor	0
Phase resolution	100 [%]	MIP-Tra	0
Slice resolution Phase partial Fourier	100 [%] Off	MIP-Time	0
Slice partial Fourier	Off	Save original images	1
Filter 1	Oli	Sequence	
Raw filter	Off	Introduction	1
Filter 2		Dimension	3D
Large FoV	Off	Elliptical scanning Averaging mode	0 Long torm
Filter 3		Asymmetric echo	Long term Off
Normalize Unfiltered images	On 1	Bandwidth	180 [Hz/Px]
Filter 4	ı	Echo spacing	8.5 [ms]
Elliptical filter	Off	DE pulso type	Fast
Interpolation	0	RF pulse type Gradient mode	Normal
PAT mode	None	Excitation	Non-sel.
	None	RF spoiling	1
Geometry	Circula alta t	<u> </u>	
Multi-slice mode Series	Single shot Interleaved		
	inteneaved		
System			
Save uncombined	0		
Scan at current TP	0		
Scan region position	H		
Scan region position	0 [mm]		
MSMA Societal	S - C - T R >> L		
Sagittal Coronal	R >> L A >> P		
Transversal	F >> H		
8 Channel Head / PH5	1		
8 Channel Head / PH6	1		
8 Channel Head / PH7	1		
8 Channel Head / PH8	1		
		2/1	

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\gre_ADNI-headcoil

Scan Time: 0:42 Voxel size: 2.3×2.3×2.5 [mm] Rel. SNR: 1.00 USER: gre_ADNI

Routine Slab group 1 Slabs Dist. factor Position Orientation Phase enc. dir. Rotation Phase oversampling	1 20 [%] L0.0 A50.0 H0.0 [mm] Sagittal A >> P 0 [deg] 0 [%]	8 Channel Head / PH7 8 Channel Head / PH8 8 Channel Head / PH1 8 Channel Head / PH2 8 Channel Head / PH3 8 Channel Head / PH4 Body Shim mode Adjust with body coil	1 1 1 1 1 1 0 Standard
Slice oversampling	0 [%]	Confirm freq. adjustment	0
Slices per slab	96	Assume Silicone	0
FoV read	300 [mm]	Ref. amplitude [1H]	200.000 [V]
FoV phase	100.0 [%]	Adjust volume	
Slice thickness	2.5 [mm]	Position	L0.0 A50.0 H0.0 [mm]
TR	3.3 [ms]	Orientation	Sagittal
TE	1.08 [ms]	Rotation	0 [deg]
Averages Concatenations	1 1	F >> H A >> P	300 [mm] 300 [mm]
Filter	Large FoV	R >> L	240 [mm]
Coil elements	PH1,PH2,PH3,	I and the second	240 [11111]
	, , -,	Physio	N.
Contrast MTC	0	1st Signal/Mode Segments	None 1
Magn. preparation	None	Segments	
Flip angle	2 [deg]	Tagging	None
Reconstruction	Magnitude	Dark blood	0
Fat suppr.	None	Resp. control	Off
Water suppr.	None	Inline	
Measurements	1	Subtract	0
Resolution		Std-Dev-Sag	0
Base resolution	128	Std-Dev-Cor	0
Phase resolution	100 [%]	Std-Dev-Tra	0
Slice resolution	100 [%] Off	Std-Dev-Time	0
Phase partial Fourier Slice partial Fourier	Off	MIP-Sag	0
Filter 1	311	MIP-Cor MIP-Tra	0 0
Raw filter	Off	MIP-Time	0
Filter 2		Save original images	1
Large FoV	On		
Filter 3	0#	Wash - In Wash - Out	0 0
Normalize Filter 4	Off	TTP	0
Elliptical filter	Off	PEI	0
Interpolation	0	MIP - time	0
PAT mode	None	Sequence	
	None	Introduction	1
Geometry	late de son d	Dimension	3D
Multi-slice mode Series	Interleaved Interleaved	Elliptical scanning	0
		Phase stabilisation Averaging mode	0 Long torm
Saturation mode	Standard	Asymmetric echo	Long term Off
Special sat.	None	Contrasts	1
System		Bandwidth	980 [Hz/Px]
Save uncombined	0	— Flow comp.	No
Scan at current TP	0	RF pulse type	Fast
Scan region position	H	Gradient mode	Fast
Scan region position	0 [mm]	Excitation	Non-sel.
MSMA	S-C-T	RF spoiling	1
Sagittal	R >> L		
Coronal Transversal	A >> P F >> H		
8 Channel Head / PH5	F >> H 1		
8 Channel Head / PH6	1		
1		4/.	

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\gre_ADNI-bodycoil Scan Time: 0:42 Voxel size: 2.3×2.3×2.5 [mm] Rel. SNR: 1.00 USER: gre_ADNI

Routine Slab group 1 Slabs Dist. factor Position Orientation Phase enc. dir. Rotation Phase oversampling Slice oversampling Slices per slab FoV read	1 20 [%] L0.0 A50.0 H0.0 [mm] Sagittal A >> P 0 [deg] 0 [%] 0 [%] 96 300 [mm]	8 Channel Head / PH7 8 Channel Head / PH8 8 Channel Head / PH1 8 Channel Head / PH2 8 Channel Head / PH3 8 Channel Head / PH4 Body Shim mode Adjust with body coil Confirm freq. adjustment Assume Silicone Ref. amplitude [1H]	0 0 0 0 0 1 Standard 0 0 0
FoV phase Slice thickness TR TE Averages Concatenations	100.0 [%] 2.5 [mm] 3.3 [ms] 1.08 [ms] 1	Adjust volume Position Orientation Rotation F >> H A >> P	L0.0 A50.0 H0.0 [mm] Sagittal 0 [deg] 300 [mm] 300 [mm]
Filter Coil elements	Large FoV BC	R >> L	240 [mm]
Contrast		Physio 1st Signal/Mode	None
MTC	0	Segments	1
Magn. preparation Flip angle Reconstruction	None 2 [deg] Magnitude	Tagging Dark blood	None 0
Fat suppr. Water suppr.	None None	Resp. control	Off
Measurements	1	Subtract	0
Resolution Base resolution Phase resolution Slice resolution	128 100 [%] 100 [%]	Std-Dev-Sag Std-Dev-Cor Std-Dev-Tra Std-Dev-Time	0 0 0
Phase partial Fourier Slice partial Fourier Filter 1	Off Off	MIP-Sag MIP-Cor MIP-Tra	0 0 0
Raw filter Filter 2 Large FoV	Off On	MIP-Time Save original images	0 1
Filter 3 Normalize	Off	Wash - In Wash - Out	0
Filter 4 Elliptical filter Interpolation	Off 0	TTP PEI MIP - time	0 0 0
PAT mode	None	Sequence	
Geometry		Introduction Dimension	1 3D
Multi-slice mode	Interleaved	Elliptical scanning	0
Series	Interleaved	Phase stabilisation	0
Saturation mode Special sat.	Standard None	Averaging mode Asymmetric echo Contrasts	Long term Off 1
System		Bandwidth	980 [Hz/Px]
System Save uncombined	0	— Flow comp.	No
Scan at current TP Scan region position Scan region position MSMA	0 H 0 [mm] S - C - T	RF pulse type Gradient mode Excitation RF spoiling	Fast Fast Non-sel. 1
Sagittal Coronal Transversal	R >> L A >> P F >> H	131 Spoiling	•
8 Channel Head / PH5 8 Channel Head / PH6	0 0		

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\PD-T2-TSE-ADNI

Scan Time: 5:08 Voxel size: 0.9x0.9x3.0 [mm] Rel. SNR: 1.00 SIEMENS: tse

Routine		8 Channel Head / PH4	1
Slice group 1		— 8 Channel Head / PH5	1
Slices	48	8 Channel Head / PH6	1
Dist. factor	0 [%]	8 Channel Head / PH7	1
Position	L0.0 A50.0 H0.0 [mm]	8 Channel Head / PH8	1
Orientation	Transversal	Body	0
Phase enc. dir.	R >> L	Shim mode	Tune up
Rotation	90 [deg]	Adjust with body coil	0
Phase oversampling	0 [%]	Confirm freq. adjustment	0
FoV read	240 [mm]	Assume Silicone	0
FoV phase	89.1 [%]	Ref. amplitude [1H]	200.000 [V]
Slice thickness	3 [mm]	Adjust volume	
TR	3000 [ms]	Position	Isocenter
TE[1]	12 [ms]	Orientation	Transversal
TE[2]	96 [ms]	Rotation	0 [deg]
Averages	1	R >> L	350 [mm]
Concatenations	3	A >> P	263 [mm]
Filter	Large FoV,	F >> H	350 [mm]
Coil elements	PH1,PH2,PH3,	Physio	
Contrast		1st Signal/Mode	None
TD	0 [ms]	_	
MTC	0	Dark blood	0
Magn. preparation	None	Resp. control	Off
Flip angle	150 [deg]	,	OII
Reconstruction	Magnitude	Inline	
Fat suppr.	None	Subtract	0
Fat sat. mode	Strong	Std-Dev-Sag	0
Water suppr.	None	Std-Dev-Cor	0
Measurements	1	Std-Dev-Tra	0
Resolution		Std-Dev-Time	0
Base resolution	256	MIP-Sag	0
Phase resolution	100 [%]	MIP-Cor	0
Phase partial Fourier	Off	MIP-Tra	0
Filter 1	Oli	MIP-Time	0
Raw filter	Off	Save original images	1
Filter 2	OII	Sequence	
Large FoV	On	Introduction	1
Filter 3		Dimension	2D
Normalize	On	Compensate T2 decay	0
Unfiltered images	0	Averaging mode	Long term
Filter 4		Contrasts	2
Elliptical filter	Off	Bandwidth	163 [Hz/Px]
Interpolation	0	Flow comp.	No
DAT!-	NI	Allowed delay	30 [s]
PAT mode	None	Echo spacing	12 [ms]
Geometry		Turbo factor	7
Multi-slice mode	Interleaved	RF pulse type	Low SAR
Series	Interleaved	Gradient mode	Normal
Special sat	Parallel F		
Special sat. Gap	10 [mm]		
Thickness	50 [mm]		
System			
Save uncombined	0	_	
Scan at current TP	1		
MSMA	S-C-T		
Sagittal	R >> L		
Coronal	A >> P		
- 3. 3			
Transversal	F >> H		
	F >> H 1		
Transversal 8 Channel Head / PH1 8 Channel Head / PH2			

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\RS-FMRI-BW2004

Scan Time: 9:36 Voxel size: 3.3x3.3x3.0 [mm] Rel. SNR: 1.00 SIEMENS: ep2d_bold

D		Adjust volume	
Routine		— Position	L0.0 A50.0 H0.0 [mm]
Slice group 1		Orientation	Transversal
Slices	36	Rotation	0 [deg]
Dist. factor	10 [%]	R >> L	211 [mm]
Position	L0.0 A50.0 H0.0 [mm]	A >> P	211 [mm]
Orientation	Transversal	F >> H	119 [mm]
Phase enc. dir.	A >> P	г>>п	119 [mm]
Rotation	0 [deg]	Physio	
Phase oversampling	0 [%]	1st Signal/Mode	None
FoV read	211 [mm]		110110
FoV phase		BOLD	
Slice thickness	100.0 [%]	t-Test	0
	3 [mm]	Threshold	4.00
TR	2850 [ms]	Window	Growing
TE	60 [ms]	Dynamic t-maps	0
Averages	1	Starting ignore meas	0
Concatenations	1	Paradigm size	1
Filter	None	Meas	
Coil elements	PH1,PH2,PH3,		Ignore
		Motion correction	0
Contrast		Spatial filter	0
MTC	0	Sequence	
Flip angle	90 [deg]		0
Reconstruction	Magnitude	Introduction	_
Fat suppr.	None	Averaging mode	Long term
Measurements	200	Bandwidth	2004 [Hz/Px]
Delay in TR	0 [ms]	Free echo spacing	0
Multiple series	0	Echo spacing	0.56 [ms]
wulliple series	0		
Resolution		EPI factor	64
Base resolution	64	RF pulse type	Normal
Phase resolution	100 [%]	Gradient mode	Fast
Phase partial Fourier	Off	·	
	Oli		
Filter 1	0"		
Raw filter	Off		
Interpolation	0		
PAT mode	None		
	None		
Geometry			
Multi-slice mode	Interleaved		
Series	Ascending		
Special sat.	None		
System			
Scan at current TP	0		
	0		
Scan region position	H		
Scan region position	0 [mm]		
MSMA	S - C - T		
Sagittal	R >> L		
Coronal	A >> P		
Transversal	F >> H		
8 Channel Head / PH1	1		
8 Channel Head / PH2	1		
8 Channel Head / PH3	1		
8 Channel Head / PH4	1		
	1		
8 Channel Head / PH5	1		
8 Channel Head / PH6	1		
8 Channel Head / PH7	1		
8 Channel Head / PH8	1		
Body	0		
Shim mode	Standard		
Adjust with body coil	0		
Confirm freq. adjustment	0		
	O .		
Assume Silicone	0		
Assume Silicone Ref. amplitude [1H]			

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\RS-FMRI-BW1562

Scan Time: 10:05 Voxel size: 3.3x3.3x3.0 [mm] Rel. SNR: 1.00 SIEMENS: ep2d_bold

		Adjust volume	
Routine		— Position	L0.0 A50.0 H0.0 [mm]
Slice group 1		Orientation	Transversal
Slices	36	Rotation	0 [deg]
Dist. factor	10 [%]	R >> L	211 [mm]
Position	L0.0 A50.0 H0.0 [mm]	A >> P	
Orientation	Transversal		211 [mm]
Phase enc. dir.	A >> P	F >> H	119 [mm]
Rotation	0 [deg]	Physio	
		1st Signal/Mode	None
Phase oversampling	0 [%]	ist Signal/Mode	None
FoV read	211 [mm]	BOLD	
FoV phase	100.0 [%]	t-Test	0
Slice thickness	3 [mm]	Threshold	4.00
TR	3010 [ms]		
TE	60 [ms]	Window	Growing
Averages	1	Dynamic t-maps	0
Concatenations	1	Starting ignore meas	0
Filter		Paradigm size	1
	None	Meas	Ignore
Coil elements	PH1,PH2,PH3,	Motion correction	Õ
Contrast		Spatial filter	0
	0	Opalial lillel	U
MTC	0	Sequence	
Flip angle	90 [deg]	Introduction	0
Reconstruction	Magnitude	Averaging mode	Long term
Fat suppr.	None		
Measurements	200	Bandwidth	1562 [Hz/Px]
Delay in TR	0 [ms]	Free echo spacing	0
Multiple series	0	Echo spacing	0.7 [ms]
Multiple series	0		
Resolution		EPI factor	64
Base resolution	64	RF pulse type	Normal
Phase resolution	100 [%]	Gradient mode	Fast
		1	
Phase partial Fourier	Off		
Filter 1			
Raw filter	Off		
Interpolation	0		
PAT mode	None		
Geometry			
Multi-slice mode	Interleaved		
Series	Ascending		
Series	Ascerding		
Special sat.	None		
Special call			
System			
Scan at current TP	0		
Scan region position	H		
Scan region position	0 [mm]		
MSMA	S - C - T		
Sagittal	R >> L		
Coronal	A >> P		
Transversal	F >> H		
8 Channel Head / PH1	1		
8 Channel Head / PH2	1		
8 Channel Head / PH3	1		
8 Channel Head / PH4	1		
	1		
8 Channel Head / PH5	1		
8 Channel Head / PH6	1		
8 Channel Head / PH7	1		
8 Channel Head / PH8	1		
Body	0		
	•		
Shim mode	Standard		
Adjust with body coil	0		
Confirm freq. adjustment	0		
Assume Silicone			
	0		
Ref. amplitude [1H]	200.000 [V]		

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\DTI-6directions-2.5x2.5x3

+ Scan Time: 3:17 Voxel size: 2.5x2.5x3.0 [mm] Rel. SNR: 1.00 SIEMENS: ep2d_diff

		Confirm freq. adjustment	0
Routine		Assume Silicone	0 0
Slice group 1		Ref. amplitude [1H]	200.000 [V]
Slices	48	Adjust volume	200.000 [1]
Dist. factor	0 [%]	Position	Isocenter
Position	Isocenter	Orientation	Transversal
Orientation	Transversal	Rotation	0 [deg]
Phase enc. dir.	A >> P	R >> L	320 [mm]
Rotation	0 [deg]	A >> P	240 [mm]
Phase oversampling	0 [%]	F >> H	144 [mm]
FoV read	320 [mm]	г>>п	144 [11111]
FoV phase	75.0 [%]	Physio	
Slice thickness	3 [mm]	1st Signal/Mode	None
TR	6800 [ms]	D:#	
TE	87 [ms]	Diff	MDDW
Averages	4	Diffusion mode	MDDW
Concatenations	1	Diff. weightings	2
Filter	Large FoV	b-value[1]	0 [s/mm²]
Coil elements	PH1,PH2,PH3,	b-value[2]	900 [s/mm²]
		Diff. weighted images	1
Contrast		_ Trace weighted images	0
MTC	0	Average ADC maps	0
Magn. preparation	None	Individual ADC maps	0
Reconstruction	Magnitude	Noise level	40
Fat suppr.	Fat sat.	Diff. directions	6
Measurements	1	Coguenee	
Delay in TR	0 [ms]	Sequence Introduction	0
Resolution			_
	400	Averaging mode	Long term
Base resolution	128	Bandwidth	1562 [Hz/Px]
Phase resolution	100 [%]	Free echo spacing	0
Phase partial Fourier	Off	Echo spacing	0.7 [ms]
Filter 1		EPI factor	96
Raw filter	Off	RF pulse type	Normal
Filter 2		Gradient mode	Fast
Large FoV	On	Cradioni modo	1 401
Filter 3			
Normalize	Off		
Filter 4			
Elliptical filter	Off		
Interpolation	0		
DAT mode	None		
PAT mode	None		
Geometry			
Multi-slice mode	Interleaved	_	
Series	Interleaved		
Special sat.	None		
System			
Scan at current TP	1	_	
MSMA	, S - С - Т		
_			
Sagittal Coronal	R >> L A >> P		
Transversal	F >> H		
8 Channel Head / PH1	1		
8 Channel Head / PH2	1		
8 Channel Head / PH3	1		
8 Channel Head / PH4	1		
8 Channel Head / PH5			
o onamici ricaci i rio	1		
8 Channel Head / PH6	1 1		
	1 1 1		
8 Channel Head / PH6	1 1 1 1		
8 Channel Head / PH6 8 Channel Head / PH7	1 1 1 1 0		
8 Channel Head / PH6 8 Channel Head / PH7 8 Channel Head / PH8 Body	0		
8 Channel Head / PH6 8 Channel Head / PH7 8 Channel Head / PH8 Body Shim mode	0 Standard		
8 Channel Head / PH6 8 Channel Head / PH7 8 Channel Head / PH8 Body	0		

\\USER\FUNCTIONAL MRI 270905\ADNI\ADNI-VUMC\DTI-12directions-2.5x2.5x3

+ Scan Time: 3:12 Voxel size: 2.5x2.5x3.0 [mm] Rel. SNR: 1.00 SIEMENS: ep2d_diff

		Confirm freq. adjustment	0
Routine		— Assume Silicone	0
Slice group 1		Ref. amplitude [1H]	200.000 [V]
Slices	48	Adjust volume	
Dist. factor	0 [%]	Position	Isocenter
Position	Isocenter	Orientation	Transversal
Orientation	Transversal	Rotation	0 [deg]
Phase enc. dir.	A >> P	R >> L	320 [mm]
Rotation	0 [deg]	A >> P	240 [mm]
Phase oversampling	0 [%]	F >> H	144 [mm]
FoV read	320 [mm]	F >> 11	144 [11111]
FoV phase	75.0 [%]	Physio	
Slice thickness	3 [mm]	1st Signal/Mode	None
TR	7100 [ms]	1	
TE	94 [ms]	Diff	MDDW
Averages	2	Diffusion mode	MDDW
Concatenations	_ 1	Diff. weightings	2
Filter	Large FoV	b-value[1]	0 [s/mm²]
Coil elements	PH1,PH2,PH3,	b-value[2]	900 [s/mm²]
Con elements	1111,1112,1110,	Diff. weighted images	1
Contrast		Trace weighted images	0
MTC	0	Average ADC maps	0
Magn. preparation	None	Individual ADC maps	0
Reconstruction	Magnitude	Noise level	40
Fat suppr.	Fat sat.	Diff. directions	12
Measurements	1		12
Delay in TR	0 [ms]	Sequence	
Delay III TIX	O [IIIS]	Introduction	0
Resolution		Averaging mode	Long term
Base resolution	128	Bandwidth	1562 [Hz/Px]
Phase resolution	100 [%]	Free echo spacing	0
Phase partial Fourier	Off	Echo spacing	0.7 [ms]
Filter 1	.		
Raw filter	Off	EPI factor	96
	Oli	RF pulse type	Normal
Filter 2		RF pulse type Gradient mode	Normal Fast
Filter 2 Large FoV	On		
Filter 2 Large FoV Filter 3	On		
Filter 2 Large FoV Filter 3 Normalize			
Filter 2 Large FoV Filter 3 Normalize Filter 4	On Off		
Filter 2 Large FoV Filter 3 Normalize Filter 4 Elliptical filter	On Off Off		
Filter 2 Large FoV Filter 3 Normalize Filter 4	On Off		
Filter 2 Large FoV Filter 3 Normalize Filter 4 Elliptical filter Interpolation	On Off Off 0		
Filter 2 Large FoV Filter 3 Normalize Filter 4 Elliptical filter	On Off Off		
Filter 2 Large FoV Filter 3 Normalize Filter 4 Elliptical filter Interpolation	On Off Off 0		
Filter 2 Large FoV Filter 3 Normalize Filter 4 Elliptical filter Interpolation PAT mode	On Off Off 0		
Filter 2 Large FoV Filter 3 Normalize Filter 4 Elliptical filter Interpolation PAT mode Geometry	On Off Off O None		
Filter 2 Large FoV Filter 3 Normalize Filter 4 Elliptical filter Interpolation PAT mode Geometry Multi-slice mode Series	On Off Off O None Interleaved Interleaved		
Filter 2 Large FoV Filter 3 Normalize Filter 4 Elliptical filter Interpolation PAT mode Geometry Multi-slice mode	On Off Off Off None		
Filter 2 Large FoV Filter 3 Normalize Filter 4 Elliptical filter Interpolation PAT mode Geometry Multi-slice mode Series	On Off Off O None Interleaved Interleaved		
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