\\USER\FMRIB Developers\Stuart Clare\DTI Candidate Sequences\DTI_2mm_PAT2_60dir_b1500_86/10000

TA: 11:10 PAT: 2 Voxel size: 2.0×2.0×2.0 mm Rel. SNR: 1.00 USER: ep2d_advdiff_511C

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement			
After measurement		System	
Load to viewer	On	Body	Off
Inline movie	Off	HEP	On
Auto store images	On	HEA	On
Load to stamp segments	Off	SP4	Off
Load images to graphic	Off	SP2	Off
segments		SP8	Off
Auto open inline display	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
Routine		Positioning mode	REF
Slice group 1		Table position	H
Slices	64	Table position	0 mm
Dist. factor	0 %	MSMA	S - C - T
Position	Isocenter	Sagittal	R >> L
Orientation	Transversal	Coronal	A >> P
Phase enc. dir.	A >> P	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Adaptive Combine
Phase oversampling	0 %	AutoAlign	
FoV read	192 mm	Auto Coil Select	Default
FoV phase	100.0 %		
Slice thickness	2.0 mm	Shim mode	Standard
TR	10000 ms	Adjust with body coil	Off
TE	86 ms	Confirm freq. adjustment	Off
Averages	1	Assume Silicone	Off
Concatenations	1	? Ref. amplitude 1H	0.000 V
Filter	None	Adjustment Tolerance	Auto
Coil elements	HEA;HEP	Adjust volume	laasantar
Contrast		Position Orientation	Isocenter
MTC	Off	Rotation	Transversal 0.00 deg
Magn. preparation	None	Rotation R >> L	192 mm
Fat suppr.	Fat sat.	A >> P	192 mm
Extra Fat Suppr.	on	F >> H	192 IIIII 128 mm
Saturation Mode	standard	17311	120 111111
		Physio	
Averaging mode	Long term	1st Signal/Mode	None
Reconstruction	Magnitude	PMU Recording	off
Delay in TR	0 ms Off	Resp. control	Off
Multiple series	Oii	•	
Resolution		Diff Diffusion mode	Fron
Base resolution	96	Diffusion mode	Free
Phase resolution	100 %	Diff. weightings b-value	1 1500 s/mm²
Phase partial Fourier	6/8	Diff. weighted images	On
Interpolation	Off	Trace weighted images	Off
PAT mode	GRAPPA	Average ADC maps	Off
Accel. factor PE	2	Individual ADC maps	Off
Ref. lines PE	24	FA maps	Off
Matrix Coil Mode	Auto (Triple)	Mosaic	On
Reference scan mode	Separate	Tensor	Off
		Noise level	40
Distortion Corr.	Off	Diff. directions	64
Prescan Normalize	Off	1	O-7
Raw filter	Off	Sequence	
Elliptical filter	Off	Introduction	Off
Hamming	Off	Bandwidth	1680 Hz/Px
Geometry		Optimization	None
Multi-slice mode	Interleaved	Free echo spacing	Off
I maia siloo modo		-	

Echo spacing	0.68 ms
EPI factor	96
RF pulse type	Normal
Gradient mode	Fast

\\USER\FMRIB Developers\Stuart Clare\DTI Candidate Sequences\DTI_2mm_PAT2_b0_86

TA: 0:30 PAT: 2 Voxel size: 2.0×2.0×2.0 mm Rel. SNR: 1.00 USER: ep2d_advdiff_511C

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement			
After measurement	0-	System	
Load to viewer Inline movie	On Off	Body	Off
Auto store images	On	HEP	On
Load to stamp segments	Off	HEA SP4	On Off
Load images to graphic	Off	SP2	Off
segments		SP8	Off
Auto open inline display	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
Routine		Positioning mode	REF
Slice group 1		Table position	Н
Slices	64	Table position	0 mm
Dist. factor Position	0 % Isocenter	MSMA	S-C-T
Orientation	Transversal	Sagittal	R >> L
Phase enc. dir.	A >> P	Coronal Transversal	A >> P F >> H
Rotation	0.00 deg	Coil Combine Mode	г >> п Adaptive Combine
Phase oversampling	0 %	AutoAlign	
FoV read	192 mm	Auto Coil Select	Default
FoV phase	100.0 %		
Slice thickness	2.0 mm	Shim mode	Standard
TR	7600 ms	Adjust with body coil	Off
TE	86 ms	Confirm freq. adjustment Assume Silicone	Off Off
Averages	1	? Ref. amplitude 1H	0.000 V
Concatenations Filter	1 Name	Adjustment Tolerance	Auto
Coil elements	None HEA;HEP	Adjust volume	ridio
Con elements	пса,псе	Position	Isocenter
Contrast		Orientation	Transversal
MTC	Off	Rotation	0.00 deg
Magn. preparation	None	R >> L	192 mm
Fat suppr.	Fat sat.	A >> P	192 mm
Extra Fat Suppr. Saturation Mode	on standard	F >> H	128 mm
	standard	Physio	
Averaging mode	Long term	1st Signal/Mode	None
Reconstruction	Magnitude	PMU Recording	off
Delay in TR Multiple series	0 ms Off	Resp. control	Off
1 '	Oli	Diff	
Resolution	06	Diffusion mode	MDDW
Base resolution	96	Diff. weightings	1
Phase resolution Phase partial Fourier	100 % 6/8	b-value	0 s/mm²
Interpolation	Off	Diff. weighted images	On
		Trace weighted images	Off
PAT mode	GRAPPA	Average ADC maps	Off
Accel. factor PE	2	Individual ADC maps	Off
Ref. lines PE	24	FA maps	Off
Matrix Coil Mode Reference scan mode	Auto (Triple) Separate	Mosaic	Off Off
		Tensor	Off
Distortion Corr.	Off	Noise level Diff. directions	40 6
Prescan Normalize	Off	1	U
Raw filter	Off	Sequence	
Elliptical filter	Off	Introduction	Off
Hamming	Off	Bandwidth	1680 Hz/Px
Geometry		Optimization	None O"
Multi-slice mode	Interleaved	Free echo spacing	Off

Echo spacing	0.68 ms
EPI factor	96
RF pulse type	Normal
Gradient mode	Fast

\\USER\FMRIB Developers\Stuart Clare\DTI Candidate Sequences\DTI_2mm_PAT2_60dir_b1500_91/8900

TA: 9:56 PAT: 2 Voxel size: 2.0×2.0×2.0 mm Rel. SNR: 1.00 USER: ep2d_advdiff_511C

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement			
After measurement		System	
Load to viewer	On	Body	Off
Inline movie	Off	HEP	On
Auto store images	On	HEA	On
Load to stamp segments	Off	SP4	Off
Load images to graphic	Off	SP2	Off
segments		SP8	Off
Auto open inline display	Off	SP6	Off
Start measurement without	On	SP3	Off
further preparation	2"	SP1	Off
Wait for user to start	Off	SP7	Off
Start measurements	single	SP5	Off
Routine		Positioning mode	REF
Slice group 1		Table position	H
Slices	64	Table position	0 mm
Dist. factor	0 %	MSMA	S - C - T
Position	Isocenter	Sagittal	R >> L
Orientation	Transversal	Coronal	A >> P
Phase enc. dir.	A >> P	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Adaptive Combine
Phase oversampling	0 %	AutoAlign	
FoV read	192 mm	Auto Coil Select	Default
FoV phase	100.0 %		
Slice thickness	2.0 mm	Shim mode	Standard
TR	8900 ms	Adjust with body coil	Off
TE	91 ms	Confirm freq. adjustment	Off
Averages	1	Assume Silicone	Off
Concatenations	1	? Ref. amplitude 1H	0.000 V
Filter	None	Adjustment Tolerance	Auto
Coil elements	HEA;HEP	Adjust volume Position	la a a a mata m
Contrast		Orientation	Isocenter Transversal
MTC	Off	Rotation	0.00 deg
Magn. preparation	None	R >> L	192 mm
Fat suppr.	Fat sat.	A >> P	192 mm
Extra Fat Suppr.	on	F>>H	128 mm
Saturation Mode	standard	I	120 111111
		Physio	
Averaging mode	Long term	1st Signal/Mode	None
Reconstruction	Magnitude	PMU Recording	off
Delay in TR Multiple series	0 ms Off	Resp. control	Off
•	Oli		-
Resolution		Diff	Free
Base resolution	96	Diffusion mode	Free
Phase resolution	100 %	Diff. weightings	1 1500 s/mm²
Phase partial Fourier	6/8	b-value Diff. weighted images	_
Interpolation	Off	Trace weighted images	On Off
PAT mode	GRAPPA	Average ADC maps	Off
Accel. factor PE	2	Individual ADC maps	Off
Ref. lines PE	24	FA maps	Off
Matrix Coil Mode	Auto (Triple)	Mosaic	On
Reference scan mode	Separate	Tensor	Off
		Noise level	40
Distortion Corr.	Off	Diff. directions	64
Prescan Normalize	Off	1	.
Raw filter	Off	Sequence	
Elliptical filter	Off	Introduction	Off
Hamming	Off	Bandwidth	1680 Hz/Px
Geometry		Optimization	None
Multi-slice mode	Interleaved	— Free echo spacing	Off
ı			

Echo spacing	0.68 ms
EPI factor	96
RF pulse type	Normal
Gradient mode	Fast

\\USER\FMRIB Developers\Stuart Clare\DTI Candidate Sequences\DTI_2mm_PAT2_b0_91 TA: 0:32 PAT: 2 Voxel size: 2.0×2.0×2.0 mm Rel. SNR: 1.00 USER: ep2d_advdiff_511C

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement			
After measurement		System	
Load to viewer	On	Body	Off
Inline movie	Off	HEP	On
Auto store images	On	HEA	On
Load to stamp segments	Off	SP4	Off
Load images to graphic	Off	SP2	Off
segments		SP8	Off
Auto open inline display	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
1	3 -		
Routine		Positioning mode	REF
Slice group 1	0.4	Table position	Н
Slices	64	Table position	0 mm
Dist. factor	0 %	MSMA	S - C - T
Position	Isocenter	Sagittal	R >> L
Orientation	Transversal	Coronal	A >> P
Phase enc. dir.	A >> P	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Adaptive Combine
Phase oversampling	0 %	AutoAlign	
FoV read	192 mm	Auto Coil Select	Default
FoV phase	100.0 %	Chira mada	Otomaloud
Slice thickness	2.0 mm	Shim mode	Standard
TR	8000 ms	Adjust with body coil	Off
TE	91 ms	Confirm freq. adjustment	Off
Averages	1	Assume Silicone	Off
Concatenations	1	? Ref. amplitude 1H	0.000 V
Filter	None	Adjustment Tolerance	Auto
Coil elements	HEA;HEP	Adjust volume	
Contrast		Position	Isocenter
MTC	Off	Orientation	Transversal
Magn. preparation	None	Rotation	0.00 deg
	Fat sat.	R >> L	192 mm
Fat suppr. Extra Fat Suppr.		A >> P	192 mm
Saturation Mode	on standard	F >> H	128 mm
	Stanuaru 	····· Physio	
Averaging mode	Long term	1st Signal/Mode	None
Reconstruction	Magnitude	PMU Recording	off
Delay in TR	0 ms		
Multiple series	Off	Resp. control	Off
Decelution		Diff	
Resolution	00	Diffusion mode	MDDW
Base resolution	96	Diff. weightings	1
Phase resolution	100 %	b-value	0 s/mm²
Phase partial Fourier	6/8	Diff. weighted images	On S/IIIII-
Interpolation	Off	····· Trace weighted images	Off
PAT mode	GRAPPA	Average ADC maps	Off
Accel. factor PE	2	Individual ADC maps	Off
Ref. lines PE	24	FA maps	Off
Matrix Coil Mode	Auto (Triple)	Mosaic	Off
Reference scan mode	Separate	Tensor	Off
Distortion Corr.	Off	Noise level	40
Prescan Normalize	Off	Diff. directions	6
Raw filter	Off	Sequence	
Elliptical filter	Off	Introduction	Off
Hamming	Off	Bandwidth	1680 Hz/Px
•		Optimization	None
Geometry	Intoriogue	Free echo spacing	Off
Multi-slice mode	Interleaved	1	

Echo spacing	0.68 ms
EPI factor	96
RF pulse type	Normal
Gradient mode	Fast

\\USER\FMRIB Developers\Stuart Clare\DTI Candidate Sequences\DTI_2mm_PAT2_60dir_b1500_95/8300

TA: 9:16 PAT: 2 Voxel size: 2.0×2.0×2.0 mm Rel. SNR: 1.00 USER: ep2d_advdiff_511C

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement		i	
After measurement		System	
Load to viewer	On	Body	Off
Inline movie	Off	HEP	On
Auto store images	On	HEA	On
Load to stamp segments	Off	SP4	Off
Load images to graphic	Off	SP2	Off
segments		SP8	Off
Auto open inline display	Off	SP6	Off
Start measurement without	On	SP3	Off
further preparation	0.0	SP1	Off
Wait for user to start	Off	SP7	Off
Start measurements	single	SP5	Off
Routine		Positioning mode	REF
Slice group 1		Table position	H
Slices	64	Table position	0 mm
Dist. factor	0 %	MSMA	S - C - T
Position	Isocenter	Sagittal	R >> L
Orientation	Transversal	Coronal	A >> P
Phase enc. dir.	A >> P	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Adaptive Combine
Phase oversampling	0 %	AutoAlign	·
FoV read	192 mm	Auto Coil Select	Default
FoV phase	100.0 %		
Slice thickness	2.0 mm	Shim mode	Standard
TR	8300 ms	Adjust with body coil	Off
TE	95 ms	Confirm freq. adjustment	Off
Averages	1	Assume Silicone	Off 0.000 V
Concatenations	1	? Ref. amplitude 1H	
Filter	None	Adjustment Tolerance Adjust volume	Auto
Coil elements	HEA;HEP	Position	Isocenter
Contrast		Orientation	Transversal
MTC	Off	Rotation	0.00 deg
Magn. preparation	None	R >> L	192 mm
Fat suppr.	Fat sat.	A >> P	192 mm
Extra Fat Suppr.	on	F >> H	128 mm
Saturation Mode	standard	I	
Averaging mode	Long term	Physio	
Reconstruction	Magnitude	1st Signal/Mode	None
Delay in TR	0 ms	PMU Recording	off
Multiple series	Off	Resp. control	Off
•	-	Diff	
Resolution	96	Diffusion mode	Free
Base resolution	96 100 %	Diff. weightings	1
Phase resolution Phase partial Fourier	6/8	b-value	1500 s/mm²
Interpolation	Off	Diff. weighted images	On
interpolation	OII	Trace weighted images	Off
PAT mode	GRAPPA	Average ADC maps	Off
Accel. factor PE	2	Individual ADC maps	Off
Ref. lines PE	24	FA maps	Off
Matrix Coil Mode	Auto (Triple)	Mosaic	On
Reference scan mode	Separate	Tensor	Off
Distortion Corr.	Off	Noise level	40
Prescan Normalize	Off	Diff. directions	64
Raw filter	Off	1	
Elliptical filter	Off	Sequence	0#
Hamming	Off	Introduction Randwidth	Off
		Bandwidth	1680 Hz/Px
Geometry		Optimization Free acho spacing	None Off
Multi-slice mode	Interleaved	Free echo spacing	OII

Echo spacing	0.68 ms	
EPI factor	96	
RF pulse type	Normal	
Gradient mode	Fast	

\\USER\FMRIB Developers\Stuart Clare\DTI Candidate Sequences\DTI_2mm_PAT2_b0_95

TA: 0:33 PAT: 2 Voxel size: 2.0×2.0×2.0 mm Rel. SNR: 1.00 USER: ep2d_advdiff_511C

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement			
After measurement		System	
Load to viewer	On O"	Body	Off
Inline movie	Off	HEP	On
Auto store images	On Off	HEA	On
Load to stamp segments	Off	SP4	Off
Load images to graphic	Off	SP2	Off
segments	Off	SP8	Off
Auto open inline display		SP6	Off
Start measurement without	On	SP3	Off
further preparation Wait for user to start	Off	SP1	Off
Start measurements		SP7	Off
Start measurements	single	SP5	Off
Routine		Positioning mode	REF
Slice group 1		Table position	Н
Slices	64	Table position	0 mm
Dist. factor	0 %	MSMA	S - C - T
Position	Isocenter	Sagittal	R >> L
Orientation	Transversal	Coronal	A >> P
Phase enc. dir.	A >> P	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Adaptive Combine
Phase oversampling	0 %	AutoAlign	
FoV read	192 mm	Auto Coil Select	Default
FoV phase	100.0 %	Obine and de	0
Slice thickness	2.0 mm	Shim mode	Standard
TR	8200 ms	Adjust with body coil	Off
TE	95 ms	Confirm freq. adjustment	Off
Averages	1	Assume Silicone	Off
Concatenations	1	? Ref. amplitude 1H	0.000 V
Filter	None	Adjustment Tolerance	Auto
Coil elements	HEA;HEP	Adjust volume Position	lacacates
Contrast		Orientation	Isocenter Transversal
MTC	Off	Rotation	0.00 deg
Magn. preparation	None	R >> L	192 mm
Fat suppr.	Fat sat.	A >> P	192 mm
Extra Fat Suppr.	on	F >> H	128 mm
Saturation Mode	standard	ı	120 111111
		- Physio	
Averaging mode	Long term	1st Signal/Mode	None
Reconstruction	Magnitude	PMU Recording	off
Delay in TR	0 ms	Resp. control	Off
Multiple series	Off	· ·	OII
Resolution		Diff	
Base resolution	96	Diffusion mode	MDDW
Phase resolution	100 %	Diff. weightings	1
Phase partial Fourier	6/8	b-value	0 s/mm²
Interpolation	Off	Diff. weighted images	On O"
DAT mode	CDADDA	Trace weighted images	Off
PAT mode	GRAPPA	Average ADC maps	Off
Accel. factor PE Ref. lines PE	2 24	Individual ADC maps	Off
		FA maps	Off
Matrix Coil Mode Reference scan mode	Auto (Triple) Separate	Mosaic	Off
		Tensor	Off
Distortion Corr.	Off	Noise level	40
Prescan Normalize	Off	Diff. directions	6
Raw filter	Off	Sequence	
Elliptical filter	Off	Introduction	Off
Hamming	Off	Bandwidth	1680 Hz/Px
		Optimization	None
Geometry Multi clico mode	Interlegyed	Free echo spacing	Off
Multi-slice mode	Interleaved		

Echo spacing	0.68 ms
EPI factor	96
RF pulse type	Normal
Gradient mode	Fast

\\USER\FMRIB Developers\Stuart Clare\DTI Candidate Sequences\DTI_2mm_PAT2_30dir_b1500_86

TA: 4:40 PAT: 2 Voxel size: 2.0×2.0×2.0 mm Rel. SNR: 1.00 USER: ep2d_advdiff_511C

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement			
After measurement		System	
Load to viewer	On	Body	Off
Inline movie	Off	HEP	On
Auto store images	On	HEA	On
Load to stamp segments	Off	SP4	Off
Load images to graphic	Off	SP2	Off
segments		SP8	Off
Auto open inline display	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
Routine		Positioning mode	REF
Slice group 1		Table position	H
Slices	64	Table position	0 mm
Dist. factor	0 %	MSMA	S - C - T
Position	Isocenter	Sagittal	R >> L
Orientation	Transversal	Coronal	A >> P
Phase enc. dir.	A >> P	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Adaptive Combine
Phase oversampling	0 %	AutoAlign	
FoV read	192 mm	Auto Coil Select	Default
FoV phase	100.0 %		
Slice thickness	2.0 mm	Shim mode	Standard
TR	8000 ms	Adjust with body coil	Off
TE	86 ms	Confirm freq. adjustment	Off
Averages	1	Assume Silicone	Off
Concatenations	1	? Ref. amplitude 1H	0.000 V
Filter	None	Adjustment Tolerance	Auto
Coil elements	HEA;HEP	Adjust volume	
Contrast		Position	Isocenter
MTC	Off	Orientation	Transversal
Magn. preparation	None	Rotation	0.00 deg
Fat suppr.	Fat sat.	R >> L A >> P	192 mm 192 mm
Extra Fat Suppr.	on	F >> H	192 mm
Saturation Mode	standard	г>>п	120 111111
		···· Physio	
Averaging mode	Long term	1st Signal/Mode	None
Reconstruction	Magnitude	PMU Recording	off
Delay in TR	0 ms	Resp. control	Off
Multiple series	Off	· ·	Oli
Resolution		Diff	
Base resolution	96	Diffusion mode	Free
Phase resolution	100 %	Diff. weightings	1
Phase partial Fourier	6/8	b-value	1500 s/mm²
Interpolation	Off	Diff. weighted images	On O"
DAT mode	CDADDA	Trace weighted images	Off
PAT mode Accel. factor PE	GRAPPA 2	Average ADC maps	Off
Ref. lines PE	24	Individual ADC maps	Off
Matrix Coil Mode	Auto (Triple)	FA maps	Off
Reference scan mode	Separate	Mosaic	On Off
		Tensor	Off
Distortion Corr.	Off	Noise level	40
Prescan Normalize	Off	Diff. directions	32
Raw filter	Off	Sequence	
Elliptical filter	Off	Introduction	Off
Hamming	Off	Bandwidth	1680 Hz/Px
•		Optimization	None
Geometry Multi clico mode	Interleaved	Free echo spacing	Off
Multi-slice mode	Interleaved		

Echo spacing	0.68 ms
EPI factor	96
RF pulse type	Normal
Gradient mode	Fast

\\USER\FMRIB Developers\Stuart Clare\DTI Candidate Sequences\DTI_1.5mm_PAT2_60dir_b1500

TA: 20:06 PAT: 2 Voxel size: 1.5×1.5×1.5 mm Rel. SNR: 1.00 USER: ep2d_advdiff_511C

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement		-	
After measurement		System	
Load to viewer	On	Body	Off
Inline movie	Off	HEP	On
Auto store images	On	HEA	On
Load to stamp segments	Off	SP4	Off
Load images to graphic	Off	SP2	Off
segments	0"	SP8	Off
Auto open inline display	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	REF
Slice group 1		Table position	H
Slices	86	Table position	0 mm
Dist. factor	0 %	MSMA	S - C - T
Position	L0.0 P16.3 H36.9	Sagittal	R >> L
Orientation	Transversal	Coronal	A >> P
Phase enc. dir.	A >> P	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Adaptive Combine
Phase oversampling	0 %	AutoAlign	·
FoV read	192 mm	Auto Coil Select	Default
FoV phase	100.0 %	China manda	Λ d. co a a d
Slice thickness	1.5 mm	Shim mode	Advanced Off
TR	18000 ms	Adjust with body coil	Off
TE	91 ms	Confirm freq. adjustment Assume Silicone	Off
Averages	1	? Ref. amplitude 1H	0.000 V
Concatenations	1	Adjustment Tolerance	Auto
Filter	None	Adjust volume	Auto
Coil elements	HEA;HEP	Position	L0.0 P16.3 H36.9
Contrast		Orientation	Transversal
MTC	Off	Rotation	0.00 deg
Magn. preparation	None	R >> L	192 mm
Fat suppr.	Fat sat.	A >> P	192 mm
Extra Fat Suppr.	on	F >> H	129 mm
Saturation Mode	standard	I .	-
Averaging mode	Long term	- Physio	N
Reconstruction	Magnitude	1st Signal/Mode	None
Delay in TR	0 ms	PMU Recording	off
Multiple series	Off	Resp. control	Off
•		Diff	
Resolution	400	Diffusion mode	Free
Base resolution	128 100 %	Diff. weightings	1
Phase resolution Phase partial Fourier	100 % 6/8	b-value	1500 s/mm²
Interpolation	Off	Diff. weighted images	On
	OII	Trace weighted images	Off
PAT mode	GRAPPA	Average ADC maps	Off
Accel. factor PE	2	Individual ADC maps	Off
Ref. lines PE	24	FA maps	Off
Matrix Coil Mode	Auto (Triple)	Mosaic	On
Reference scan mode	Separate	Tensor	Off
Distortion Corr.	Off	Noise level	40
Prescan Normalize	Off	Diff. directions	64
Raw filter	Off	·	
Elliptical filter	Off	Sequence	0"
Hamming	Off	Introduction Rendwidth	Off
•	OII	Bandwidth	1628 Hz/Px
Geometry		Optimization Free echo spacing	None Off
Multi-slice mode	Interleaved	Free echo spacing	OII

l	Echo spacing	0.76 ms
	EPI factor	128
	RF pulse type	Normal
	Gradient mode	Fast*

\\USER\FMRIB Developers\Stuart Clare\DTI Candidate Sequences\DTI_1.5mm_PAT2_b0
TA: 0:46 PAT: 2 Voxel size: 1.5×1.5×1.5 mm Rel. SNR: 1.00 USER: ep2d_advdiff_511C

Properties		Series	Interleaved
Prio Recon	Off	Special sat.	None
Before measurement			
After measurement		System	
Load to viewer	On	Body	Off
Inline movie	Off	HEP	On
Auto store images	On	HEA	On
Load to stamp segments	Off	SP4	Off
Load images to graphic	Off	SP2	Off
segments		SP8	Off
Auto open inline display	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
1	3 -		
Routine		Positioning mode	REF
Slice group 1	0.0	Table position	Н
Slices	86	Table position	0 mm
Dist. factor	0 %	MSMA	S - C - T
Position	L0.0 P16.3 H36.9	Sagittal	R >> L
Orientation	Transversal	Coronal	A >> P
Phase enc. dir.	A >> P	Transversal	F >> H
Rotation	0.00 deg	Coil Combine Mode	Adaptive Combine
Phase oversampling	0 %	AutoAlign	
FoV read	192 mm	Auto Coil Select	Default
FoV phase	100.0 %	Shim mode	Advanced
Slice thickness	1.5 mm	Adjust with body coil	Off
TR	11400 ms	Confirm freq. adjustment	Off
TE	91 ms	Assume Silicone	Off
Averages	1		0.000 V
Concatenations	1	? Ref. amplitude 1H	
Filter	None	Adjustment Tolerance	Auto
Coil elements	HEA;HEP	Adjust volume	1000040011200
Contrast		Position	L0.0 P16.3 H36.9
MTC	Off	Orientation Rotation	Transversal 0.00 deg
Magn. preparation	None	Rotation R >> L	192 mm
Fat suppr.	Fat sat.	A >> P	192 mm
Extra Fat Suppr.	on	F >> H	192 mm
Saturation Mode	standard		129 11111
		····· Physio	
Averaging mode	Long term	1st Signal/Mode	None
Reconstruction	Magnitude	PMU Recording	off
Delay in TR	0 ms		
Multiple series	Off	Resp. control	Off
Resolution		Diff	
Base resolution	128	Diffusion mode	MDDW
Phase resolution	100 %	Diff. weightings	1
Phase partial Fourier	6/8	b-value	0 s/mm²
Interpolation	Off	Diff. weighted images	On
	•	Trace weighted images	Off
PAT mode	GRAPPA	Average ADC maps	Off
Accel. factor PE	2	Individual ADC maps	Off
Ref. lines PE	24	FA maps	Off
Matrix Coil Mode	Auto (Triple)	Mosaic	Off
Reference scan mode	Separate	Tensor	Off
Distortion Com		Noise level	40
Distortion Corr.	Off	Diff. directions	6
Prescan Normalize	Off	•	-
Raw filter	Off	Sequence	
Elliptical filter	Off	Introduction	Off
Hamming	Off	Bandwidth	1628 Hz/Px
Geometry		Optimization	None
Multi-slice mode	Interleaved	Free echo spacing	Off
1		•	

Echo spacing	0.76 ms	
EPI factor	128	
RF pulse type	Normal	
Gradient mode	Fast*	