

Protocol: adult_other_JMK_Temp_20110507170442621_1

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Gradient Echo
Coil Configuration	8HRBRAIN	Imaging Options	Seq, Fast
Plane	3-PLANE	Acceleration Factor	1.00
Series Description	loc		
SCAN RANGE		IMAGE ENHANCE	
FOV	24.0	Filter Choice	None
Slice Thickness	10.0		
Slice Spacing	10.0		
ACQ TIMING		GATING/TRIGGER	
Freq	256	Auto Trigger Type	Off
Phase	128		
Freq DIR	Unswap		
NEX	1.00		
Phase FOV	1.00		
Auto Shim	Auto		
Phase Correction	No		
FMRI		MULTI-PHASE	
PSD Trigger	Internal	# of Acquisition	0
Slice Order	Interleaved	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		
SAT		ASSET	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	1.00
TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	3D
Patient Position	Supine	Pulse Sequence	SPGR
Coil Configuration	8HRBRAIN	Imaging Options	EDR, Fast, IrP
Plane	SAGITTAL	PSD Name	test/efgre3d_mp
Series Description	IRSPGR_PROMOlike	Acceleration Factor	1.00
SCAN TIMING		SCAN RANGE	
Flip Angle	8	FOV	24.0
TE	Min Full	Slice Thickness	1.2
Number of Echoes	1	Location per Slab	170
TI	640	Overlap Locations	0
Receiver Bandwidth	31.25		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	192
		Freq DIR	S/I
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV3	1.00
		User CV6	3.00
		User CV21	700000.00
		User CV23	100.00
FMRI		MULTI-PHASE	
Initial State	Control	# of Acquisition	0
PSD Trigger	Internal	Seperate Series	0
Slice Order	Interleaved	Mask Phase	0
View Order	Bottom/Up	Mask Pause	0
# of Repetitions REST	0		
# of Repetitions ACTIVE	0		
SAT		ASSET	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	1.00
TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

IRSPGR_PROMOlike

IRSPGR_PROMOlike

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	3D
Patient Position	Supine	Pulse Sequence	Cube T2
Coil Configuration	8HRBRAIN	Imaging Options	EDR, Fast, FR, ARC
Plane	SAGITTAL	Acceleration Factor	Recommended
Series Description	Sag CUBE		
SCAN TIMING		SCAN RANGE	
Number of Echoes	1	FOV	24.0
TR	1500.0	Slice Thickness	1.2
Echo Train Length	40	Location per Slab	170
Receiver Bandwidth	31.25	Overlap Locations	0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	192
		Freq DIR	S/I
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV20	3.00
FMRI		MULTI-PHASE	
PSD Trigger	Internal	# of Acquisition	0
Slice Order	Interleaved	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		
SAT		ASSET	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	1.00
TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

Sag CUBE

Sag CUBE

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	8HRBRAIN	Imaging Options	EPI, DIFF
Plane	AXIAL	PSD Name	epi2_pepolar
Series Description	30-dir DTI Pepolar #1	Acceleration Factor	1.00
SCAN TIMING		SCAN RANGE	
TE	Minimum	FOV	24.0
TR	8000.0	Slice Thickness	2.5
Number of Shots	1	Slice Spacing	0.0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	96
		Phase	96
		Freq DIR	R/L
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	Yes
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV12	2.00
FMRI		MULTI-PHASE	
PSD Trigger	Internal	# of Acquisition	0
Slice Order	Interleaved	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		
SAT		DIFFUSION	
Tag Type	None	B Value	1000
Fat/Water Saturation	Fat	Optimized TE	Yes
		Diffusion Directions	Tensor
		Number of Diffusion Directions	30
		Number of T2 Images	2
		Dual Spin Echo	On
		Diffusion Tenser	No Selection
		Processing Output	
		Recon All Images	Off
ASSET		TRICKS	
Slice Acceleration Factor	1.00	Pause On/Off	On
Phase Acceleration Factor	1.00	Auto Subtract	0
		Auto SCIC	Off
CONTRAST			

30-dir DTI Pepolar #1

30-dir DTI Pepolar #1

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Contrast Yes/No	No
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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	8HRBRAIN	Imaging Options	EPI, DIFF
Plane	AXIAL	PSD Name	epi2_pepolar
Series Description	30-dir DTI Pepolar #2	Acceleration Factor	1.00
SCAN TIMING		SCAN RANGE	
TE	Minimum	FOV	24.0
TR	8000.0	Slice Thickness	2.5
Number of Shots	1	Slice Spacing	0.0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	96
		Phase	96
		Freq DIR	R/L
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	Yes
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV12	2.00
FMRI		MULTI-PHASE	
PSD Trigger	Internal	# of Acquisition	0
Slice Order	Interleaved	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		
SAT		DIFFUSION	
Tag Type	None	B Value	1000
Fat/Water Saturation	Fat	Optimized TE	Yes
		Diffusion Directions	Tensor
		Number of Diffusion Directions	30
		Number of T2 Images	2
		Dual Spin Echo	On
		Diffusion Tenser	No Selection
		Processing Output	
		Recon All Images	Off
ASSET		TRICKS	
Slice Acceleration Factor	1.00	Pause On/Off	On
Phase Acceleration Factor	1.00	Auto Subtract	0
		Auto SCIC	Off
CONTRAST			

30-dir DTI Pepolar #2

30-dir DTI Pepolar #2

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Contrast Yes/No No

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	8HRBRAIN	Imaging Options	MPh, EPI
Plane	AXIAL	PSD Name	epi_pepolar
Series Description	fMRI_calibration	Acceleration Factor	1.00
SCAN TIMING		SCAN RANGE	
TE	90.0	FOV	24.0
TR	10000.0	Slice Thickness	3.5
Number of Shots	1	Slice Spacing	0.0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	64
		Phase	64
		Freq DIR	R/L
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	Yes
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV0	1.00
		User CV12	2.00
FMRI		MULTI-PHASE	
PSD Trigger	Internal	Slice per Location	2
Slice Order	Interleaved	Phase Acquisition Order	Interleaved
View Order	Bottom/Up	Delay after Acquisition	Minimum
# of Repetitions REST	0	# of Acquisition	0
# of Repetitions ACTIVE	0	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
SAT		ASSET	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	1.00
TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

fMRI_calibration

fMRI_calibration

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Gradient Echo
Coil Configuration	8HRBRAIN	Imaging Options	EPI
Plane	AXIAL	PSD Name	epiRT_pepolarAPE
Series Description	fMRI_pepolar	Acceleration Factor	1.00
SCAN TIMING		SCAN RANGE	
Flip Angle	90	FOV	24.0
TE	30.0	Slice Thickness	3.5
TR	3000.0	Slice Spacing	0.0
Number of Shots	1		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	64
		Phase	64
		Freq DIR	R/L
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Off
		Phase Correction	Yes
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV0	1.00
		User CV5	5.00
		User CV6	100.00
		User CV7	1.00
		User CV8	1.00
		User CV12	2.00
FMRI		MULTI-PHASE	
PSD Trigger	Internal	# of Acquisition	0
Slice Order	Interleaved	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		
SAT		ASSET	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	1.00
TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		