Protocol: adult\_other\_amueller\_mns\_081610\_2010081609334124\_14

PATIENT POSITION  Patient Entry  Head First  Imaging Mode  2D  Patient Position  Supine  Pulse Sequence  Gradient Echo  Imaging Options  EPI, Asset, FMRI  Plane  AXIAL  Acceleration Factor  SCAN TIMING  Flip Angle  Pov  22.0  TE  30.0  Slice Thickness  3.4  Number of Echoes  Imaging Mode  2D  Radient Echo  Acceleration Factor  Fov  22.0  Slice Spacing  0.0	
Patient Position Supine Pulse Sequence Gradient Echo Coil Configuration BHRBRAIN Imaging Options EPI, Asset, FMRI Acceleration Factor 1.00 Series Description EPI_REST SCAN TIMING Flip Angle 90 FOV 22.0 TE 30.0 Slice Thickness 3.4	
Coil Configuration 8HRBRAIN Imaging Options EPI, Asset, FMRI Plane AXIAL Acceleration Factor 1.00  Series Description EPI_REST  SCAN TIMING Flip Angle 90 FOV 22.0  TE 30.0 Slice Thickness 3.4	
Plane AXIAL Acceleration Factor 1.00  Series Description EPI_REST  SCAN TIMING  Flip Angle 90 FOV 22.0  TE 30.0 Slice Thickness 3.4	
Series Description         EPI_REST           SCAN TIMING         SCAN RANGE           Flip Angle         90         FOV         22.0           TE         30.0         Slice Thickness         3.4	
SCAN TIMING           Flip Angle         90         FOV         22.0           TE         30.0         Slice Thickness         3.4	
Flip Angle         90         FOV         22.0           TE         30.0         Slice Thickness         3.4	
TE 30.0 Slice Thickness 3.4	
Number of Echoes 1 Slice Spacing 0.0	
TR 2000.0	
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 Auto	
Phase Correction Yes  GATING/TRIGGER  USER CVS	ST
GATING/TRIGGER USER CVS	EPI_REST
Auto Trigger Type Off User CV0 1.00	<u> </u>
FMRI MULTI-PHASE	
Brain Wave Real Time 0 Slice per Location 180	
Paradigm String Research Mode Delay after Acquisition 0	
Paradigm UID 1.2.840.113819.3.20060302.1 # of Acquisition 0	
Initial State Control Seperate Series 0	
PSD Trigger Internal Delay after Acquisition 0 without AV	
Slice Order Interleaved Mask Phase 0	
View Order   Bottom/Up   Mask Pause   0	
# of Repetitions REST 1	
# of Repetitions ACTIVE 1	
# of Dummy Acquisition 5	
SAT	
Tag Type None Slice Acceleration Factor 1.00	
Phase Acceleration Factor 2.00	
TRICKS	
Pause On/Off On Contrast Yes/No No	
Auto Subtract 0	
Auto SCIC Off	

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	PATIENT POSITION		IMAGING PARAMETERS		
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	Gradient Echo	
	Coil Configuration	8HRBRAIN	Imaging Options	None	
	Plane	AXIAL	PSD Name	grass_ucsd	
	Series Description	fm_grass_64x64	Acceleration Factor	1.00	
	SCAN TIMING		SCAN RANGE		
	Flip Angle	45	FOV	22.0	
	TE	6.5	Slice Thickness	3.4	
	Number of Echoes	1	Slice Spacing	0.0	
	TR	614.0			
	Receiver Bandwidth	31.25			
	IMAGE ENHANCE		ACQ TIMING		
	Filter Choice	None	Freq	64	(64
			Phase	64	
(64			Freq DIR	R/L	
64			Auto Shim	Off	_64\$
ass			Phase Correction	No	fm_grass_64x64
fm_grass_64x64	GATING/TRIGGER		USER CVS		_gra
ff	Auto Trigger Type	Off	User CV0	1.00	fm
			User CV1	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			