

Retinotopy

Gardner Lab: General Experiment Template		
s30020150304		
Subject:	s0305	
Operator:		
Date	2015-08-30	
Time	08:30 pm to 10:15pm	
Notes:		
Informed consents & scan log		
Check	Subject Setup	Notes
	Explain experiment to subject	
	Ask to fill and sign CNI form	
	Ask to fill and sign lab consent form	
Setup		
Check	Oban Setup	Notes
	Connect "Eiki projector" HDMI cable to computer	
	Connect Slice trigger to Black Box and to splitter under CNI computer	
	Connect DB9 to Black Box	
	Set FORP (after connecting 2x4 box): AutoConfig, Serial, ASCII 12345	
Setup Stimulus Room		
	Turn on Projector, check visibility	
	Setup projector screen	
	Put linens on bed	
	Replace 32ch mirror setup w/ flexible mirror from 16ch coil	
Check	Install subject on the scanner bed	Notes
	Give subject earplugs	
	Pad subject head	
	Pad subject arms so they don't touch bore	
Final Setup		
	Open Test Screen on Projector	
	Landmark subject on bridge of nose	
	Put Subject in Scanner: CAUTION -- SCREEN	
	Adjust the large mirror at the back of the scanner to center screen horizontally	
	Ask subject to adjust mirror vertically: make sure the mirror is as close to the 32ch coil as possible (to minimize viewing distance)	
	Test button boxes: Button 1 in left hand, Button 2 in right hand (note the tape on the back of the boxes is reversed)	
Check	Enter subject info	Notes
	Retrieve experimental sequences (CNI software)	
Run experiment		

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	Localizer	Notes
Note Scan #:	Run localizer scan without prescribing	
	Canonical Anatomy	
Note Scan #:	(none)	Skip
	In-Plane Anatomy	
Note Scan #:	Prescribe the session anatomy (1.2mm, 90secs).	
	SHIM	
Note Scan #:	While session runs, prescribe the CAL scan. Save rx, then copy prescription to BOLD scan. Run SHIM prior to BOLD. Adjust red bounding box so that it is just outside the brain.	
	mux8 CALIBRATION Scan	

	Functional Scans	Run
Note Scan #:	BOLD 2.5mm mux8 0.5s. Run code: cohcon('plots=0','scan=1','nocatch=1','overrideTask=2');	#1
	BOLD 2.5mm mux8 0.5s. Run code: cohcon('plots=0','scan=1','nocatch=1','overrideTask=2');	#2
	BOLD 2.5mm mux8 0.5s. Run code: cohcon('plots=0','scan=1','nocatch=1','overrideTask=2');	#3
	BOLD 2.5mm mux8 0.5s. Run code: cohcon('plots=0','scan=1','nocatch=1','overrideTask=2');	#4
	BOLD 2.5mm mux8 0.5s. Run code: cohcon('plots=0','scan=1','nocatch=1','overrideTask=2');	#5
	BOLD 2.5mm mux8 0.5s. Run code: cohcon('plots=0','scan=1','nocatch=1','overrideTask=2');	#6
	BOLD 2.5mm mux8 0.5s. Run code: cohcon('plots=0','scan=1','nocatch=1','overrideTask=2');	#7
	BOLD 2.5mm mux8 0.5s. Run code: cohcon('plots=0','scan=1','nocatch=1','overrideTask=2');	#8
	BOLD 2.5mm mux8 0.5s. Run code: cohcon('plots=0','scan=1','nocatch=1','overrideTask=2');	#9
	BOLD 2.5mm mux8 0.5s. Run code: cohcon('plots=0','scan=1','nocatch=1','overrideTask=2');	#10
	Give participant a break after every two runs if requested.	