**qst/fMRI Patients: Pre-flight checks**

Participant ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DOB/Weight: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ethics: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Clinical Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**0: QST**

* No need to flash temp disc Arduino!
* **ls /dev/tty\*** for *initialize\_serial\_port*
* *tempdiscmgl* / pRF\_*staircase*: check limits
* *ardtest*: change frequency
* *go\_mocs*
* Brain gauge

**0.5: Stim peripherals**

* Projector working for mac?
* Accel glove setup (T connection)?
* Motortopy python code ready?
* Check mac for digOnoff left or right hand paradigm!
* Check triggers for mac (tw\_somatosensory/digOnoff)

**1: Scanner peripherals**

* Resp band?
* Prism glasses?
* Ear pads/plugs?
* Battery for RETROICOR

**2: Scans**

* Plan B0
* Plan Resting state, plan TW, then plan HRF (9mm up)
* Make sure motortopy slices are planned properly!!!
* Save HRF stimfiles each time! Do not overwrite them.

**2: Motortopy**

* Check slice stack!
* Change scan control parameters: ***Dyn. Synch.pul dur=5***

**0: QST stimfiles**

|  |  |  |
| --- | --- | --- |
|  | Right hand | Left hand |
| TDT piezos |  |  |
| BG TDT |  |  |
| Amp (D2, 31) |  |  |
| Amp (D2, 200) |  |  |
| Domes |  |  |

**3. Shutdown**

* Save physlog files
* Save accelerometer files