HST 583: fMRI Acquisition LAB
Sept 15th 2008, 1:00-2:30 pm

1:00 – 1:30  Introduction: MRI waiting room (Susan)

Introductions to MIT MRI team: (Christina/Sheeba/Steve/Susan)
Task Descriptions: (Self reference, Sternberg Item Recognition Paradigm, Sensory-motor)
Randy selects volunteer (Native English speaker)

Class Divides

Subject Training & Preparation
- Consent (SA)
- Screen (SA)
- Train Subjects on Tasks (SA)
- Subject changes clothes
- Subject uses restroom

Safety, Tour & Presentation
- Metal screen (SS)
- Tour Console & MRI rooms (SS)
- Register Subject on Console (SS)
- Presentation (SG)

1:30 – 2:15  Run Subject: (MIT team)

Steve – console
Sheeba – stim presentation, Neuro3D
Christina – protocol/sequences
Susan – tasks, example activations

Protocol:
- Localizer/AA Scout (2min)
- MPRAGE (~4min)
- Field Map, Phase & Magnitude (2min)
- Cognitive (Self ref - 12 min)
- SIRP (6min)
- Sensory-motor+ Neuro3D (8min)

-------------------------------
34 minutes total acquisition
+ instructions/setup
-------------------------------
TOTAL: 45 minutes

Debrief Subject (SS)

2:15 – 2:30  Data transfer & backup (SA)