NSF Haptic Project Meeting Agenda (3/25)

Attendees: Christie, Kaber, Gil, Jeon, Lee, Qin, Tupler, Yu, Zhu

Agenda
1. Review of current tasking
   a. Michael & Gil
      i. Recruiting & Scheduling
      ii. Updating website
   b. Zeno & Janet
      i. Responsible for Pre-and Post-testing portion of the experiment
   c. Biwen & Caesar
      i. Responsible for therapy session of the experiment
   d. Michael, Linus & Guk-ho
      i. Backup for the experiment
2. Current status of reduced experiment
   a. Recruited:
      i. 48
   b. Completed:
      i. 19 Subjects
         1. 7 subjects: Native block design
         2. 6 subjects: Basic VR
         3. 6 subjects: Aug. VR
   c. Rejected:
      i. 27 Subjects
         1. Less than 90% of Edinburg Handed Inventory
         2. And other reasons
   d. Current subjects (2):
      i. 1 subjects: Native block design
      ii. 1 subject: Basic VR
3. Data Analysis (Biwen)
   a. Learning analysis based on therapy session (8 trials * 19 subjects)
      i. Learning %, slope of coefficient, power calculation, ANCOVA using first trial group as a covariate.
   b. Pre & post test analysis based on MR & native BD scores (2 types * 19 subjects)
   c. ROCF score comparison:
      i. Caesar provided Dr. Tupler with ROCF packet for scoring on 3/11.
4. Preparation of full experiment
   a. How to organize full experiment condition.
   b. Linus
      i. Working on adding GAIN control function (adjusting C/R ratio to reduce muscle fatigue).
   c. 3DTV driver update (SONY BRAVIA) (Linus)