**SCANNING REMINDERS**
- Towel around shoulders to absorb water while cap is placed & fluid is added; towel is removed before subject lies down on magnet table.
- Use chux (underpads) inside of head coil
- EEG cable center of magnet, exits straight out of magnet

**PATIENT PREP ROOM**
Measure head to determine EEG cap to use
- Small (54-56 cm)
- Medium (56-58 cm)
- Large (58-61 cm)

**PATIENT PREP ROOM**
Pre-Soak includes:
- Distilled water is recommended (use water dispenser instead of tap water)
- One scoop Potassium Chloride using Potassium Chloride scoop
- One scoop Baby Shampoo using Baby Shampoo scoop
- Add water (1 liter or 1 quart) (Do not fill bucket completely with water)
- Soak 10 minutes (use timer provided)

**HOOK UP EQUIPMENT IN THIS ORDER!!!!**
1 – Plug in cap
2 – Plug firewire adapter into Mac laptop
3 – Plug in orange cables
4 – Turn on EEG system
5 – Turn on Mac laptop
**BEFORE You Move Patient into Magnet Room:**
1 – Turn off EEG system
2 – Quit Netstation software program
3 – Take Mac Firewire Adapter & all other magnetic components OFF THE EEG CART
4 – Move EEG system to magnet room
5 – Move Mac laptop to control room
6 – Plug in orange cables
7 – Turn on EEG
8 – Open Netstation software program
**PATIENT PREP ROOM**

- EEG cap position
  - Slide over head
  - Pull chin strap under chin
  - Check impedance
  - Fill dropper with soaking solution
  - Squeeze over electrodes to improve contact

**PATIENT PREP ROOM**

- Plug in gently & turn knob to tighten

**PATIENT PREP ROOM**

- Attach orange cable on cart between main EEG unit & small black box

**PATIENT PREP ROOM**

- Turn on EEG (top left power button)

**PATIENT PREP ROOM**

- **DO NOT TAKE** EEG BATTERY, MAC LAPTOP COMPUTER or FIREWIRE ADAPTER INTO THE MAGNET ROOM
PATIENT PREP ROOM
- Select: “Standard fMRI Start”
- Select: “Begin Session”
- Select: “Default Subject”

PATIENT PREP ROOM
- Select: “Panels” (top)
- Pull down to: “Impedence”
- On left, select: “Measure Impedence”

PATIENT PREP ROOM
- Add soaking fluid using the droppers to each of the electrodes that are represented by red on the display to obtain better contact with the scalp

PATIENT PREP ROOM
- By adding soaking fluid to each of the electrodes that are represented by red on the display will turn them green guaranteeing a better contact with the scalp
<table>
<thead>
<tr>
<th>MAGNET ROOM</th>
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<tbody>
<tr>
<td>➢ You must use GE Peripheral Gating when using the EEG</td>
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<td>➢ Cardiac triggers are needed for the BCG (Ballistocardiogram) denoising program.</td>
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<td>➢ Move Mac laptop on a cart into control room</td>
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</table>
CONTROL ROOM
- Turn switch on top of eprime computer to ‘EEG’; its script generates EEG markers
- Display of PPG signal at RTVIZ computer
- Open: Terminal
- Type in: Physmon
- Scanner sends signal to RTVIZ computer which generates PPG signal sent to the EEG control on the MAC laptop computer

CONTROL ROOM
- EEG Connection
- Connect orange fiber to Firewire Adapter

CONTROL ROOM
- EEG Connection
- Connect orange fiber to Firewire Adapter

CONTROL ROOM
- EEG Connection
- Connect Firewire Adapter to Mac laptop

PATIENT PREP ROOM
Post-Soak includes:
- One scoop Disinfectant using Disinfectant scoop + water
- Soak 10 minutes (use timer provided)
- Drip dry