Protocol

Make new electrolyte solution every 30 days (120g of powder + 1 liter of pure water)

Make new disinfectant solution every 14 days (1 teacup of disinfectant + 2 quartz of water + 1 drop of baby shampoo)

Before the day of test

1. Measure subject’s head size

2. Told subject to wash hair without using conditioner

On the day of test

1. Soak the cap 2 hours in advance (need to measure subject’s head size beforehand)

2. Test the photocell and run the test once to check if data is recording correctly

3. \*Scrape the scalp

4. Check impedance and fix electrodes

Before the start of the recording

1. Turn on the photo sensors

2.

After the recording

1. Turn off the photo sensors

2. Save the behavioral data and EEG data

3. Take off the cap

4. Thanks and pay subject