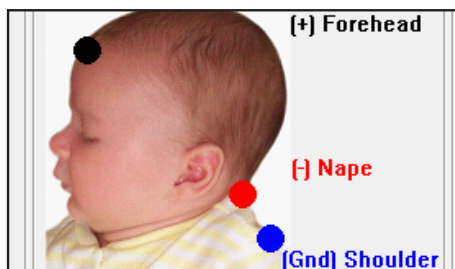


USBLite AEP Screening

using SmartScreener-Plus 2

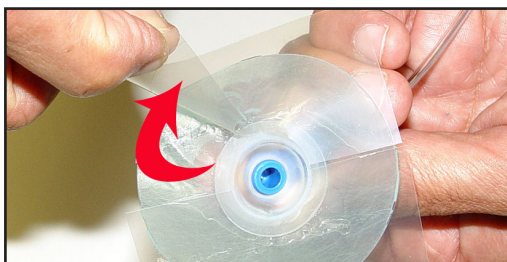
Electrode Placement

1. Snap 3 electrodes onto the electrode leads.
2. Remove the electrode backing.
3. Place a small dab of Spectra Gel in the center of the Electrode sponge. When placing, press down around the sponge to secure the electrode in place.
4. Place the Red electrode on the nape, the Blue electrode on the right shoulder, and the Black electrode on the forehead.



EarHug Placement

1. Open the EarHug pouch and insert the EarHug adapters into the EarHug.
2. Hold the EarHugs by the EarHugs Adaptor with one hand and carefully grasp the hard clear backing from the center at the split line.



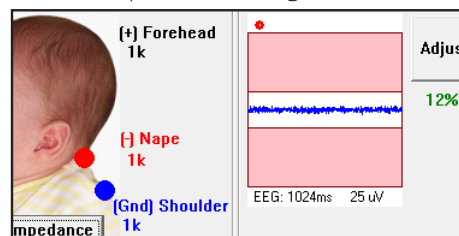
3. Gently pull down and away from center.
4. Position the EarHugs on the baby's ear, making sure the opening aligns with the opening of the baby's ear canal.



5. Smooth the EarHug adhesive pressing gently with your fingers to form a seal around the ear.

Start the Screening

1. Log-in and click on **[START AEP SCREENER]**.
2. Click on **[New]** to enter new patient, or **[Load]** to look for a previous patient. Type the information required, and use the **[TAB]** key to navigate to the next field. Then, click **[OK]**.
3. The system will automatically check the impedance on new patients. You can also check the impedance manually by clicking **[CHECK IMPEDANCE]**. IHS recommends that your impedance is 1 kOhm and balanced across all three electrode sites. The test will not proceed if the impedance is higher than 7 kOhm.



4. The system automatically adjusts EEG & Artifact Rejection level. Ideal EEG should be between 12% and 30% depending on EEG signal coming in.
5. Select the test ear to begin.



6. The system will ramp the intensity up to testing intensity to minimize babies getting startled. This process will take about 20 seconds at the beginning of every screen.
7. Block averaging: If block is too noisy the system will reject entire block (20 sweeps)
8. If rejections are excessive or the EEG large, pause test & adjust testing conditions.
9. Once the test is completed, you will see a "Pass" or "Refer" result.
10. Print the results by clicking on the following buttons. You may click **[DATA]**, a **[CERTIFICATE]**, or **[MEDICAL RECORD]** Form.

