EEG-Now™

Rapid Connection | Detection and Protection

Placement Instructions

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1. Select male size or female size box.
2. Obtain 3 towels, a washcloth, and a roll of tape.
3. Remove all hair accessories and use the provided alcohol prep pads to scrub all visible scalp skin areas.
4. Tightly roll the the 3 towels up lengthwise and wrap tape around them to hold them together. Place the towel roll under the patient's neck on top of their pillow (unless medically contraindicated). (Figure 1)
5. Twist and pull to remove all the red seals from the cap sensors (fluid is primarily just saline). When complete, remove the tape covering the front sensors (Fp1 and Fp2).
6. Tilt the bed up, stretch cap and apply on head for a snug fit. (Figure 1) Align the red arrow with the nose.
7. Pull the front down above the brow and press the front sticky sensors (Fp1 and Fp2) to the forehead.
8. Pull the sides down toward ears.
9. Pull the back down toward neck.
10. Secure the chin strap to the chin.

Figure 1

11. Press Down on each sensor for 5 seconds while wiggling it side to side.
12. Ensure that each sensor is not tilted (Figure 2).Connect the cap cable to the EEG instrument head box cable.
13. Start the computer and begin the recording
14. Have the patient close their eyes. Place the washcloth over their eyes if they have difficulty keeping them closed.
15. View the screen to detect any sensor pops (see EEG trace example Figure 4 on next page) and fix them as instructed.
16. After any sensor pops are fixed, wrap the cap with moderate pressure using the stretch gauze provided. Do not wrap the two front sensors on either side of the nose arrow (Figure 3). Do not tilt sensors as you wrap. Remove this entire wrap after 30 minutes.
17. If removed for other procedures, follow steps 4,6 through 17 to replace and record.

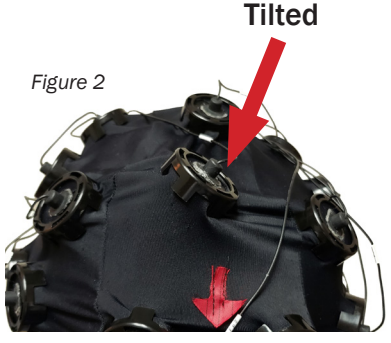

Figure 2

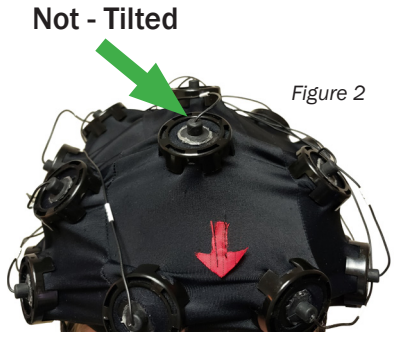

Figure 2

Figure 3

Eliminating Electrode Pops

Sensors with poor scalp contact produce “electrode pops.” See example below.

Take the following steps to correct:

1. Locate the EEG lines with pops.
2. The sensor common to both lines (C4 electrode in this example) is faulty.
3. Find the faulty sensor on the head diagram to locate that sensor on EEG-Now.
4. Verify the sensor identity by the label on the sensor wire.
5. Pull the rubber stopper from the top of the sensor.
6. Fill the supplied syringe with the solution in the supplied refill bottle.
7. Slowly inject fluid into the refill port until a drop of fluid comes out.
8. Reinsert the rubber stopper into the refill port.
9. Ensure that the sensor is not tilted, then press down for 5 seconds.
10. Continue the recording.

Figure 4