

Using Tegaderm Tape

You are going to be touching the skin of your participant, and you should have clean hands/nails before doing so. Hand Sanitiser gel is available on the EEG trolley.

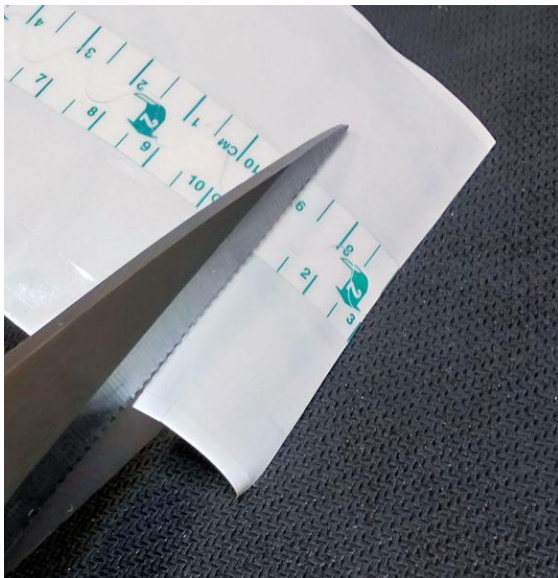
If your participant is wearing heavy make-up, ask if it would be possible for them to remove the make-up using the provided make-up removal pads and *Micellar* water.

Ask their permission to then use the Alcohol wipes to clean the skin afterward.

Ask the participant to sit in the digitisation chair and ask them to hold the grey HPI coil connector in their right hand.

Ask their permission to attach the cable to their right shoulder/clothing, to support the cable, with *Micropore* tape.

You may also want to tape the cable, briefly, to the chair back to provide additional support whilst applying the coils.



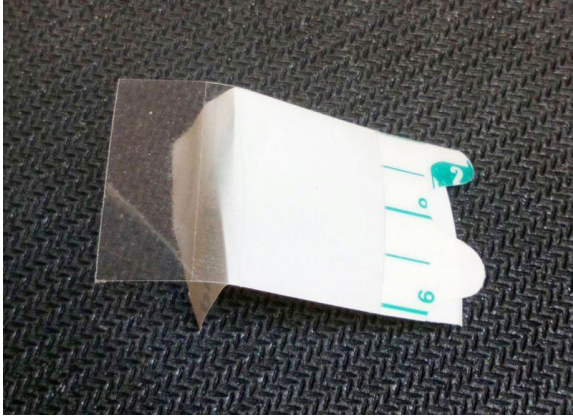
Cut lengths of *Tegaderm* tape 3 to 4 “divisions” wide ($1\frac{1}{2}$ - 2cm) is plenty.

Ideally, you should have already done this as part of your normal preparation.

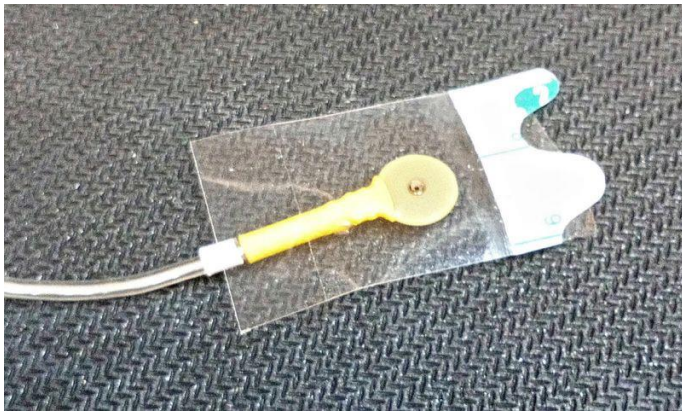


Cut the section in half between the “wavy edged” ruled marker – perhaps fold first and cut along crease.

Scissors edge may get sticky over time/usage – clean scissors edge carefully with Isopropyl Alcohol on green paper towel, to ease cutting of *Tegaderm*.



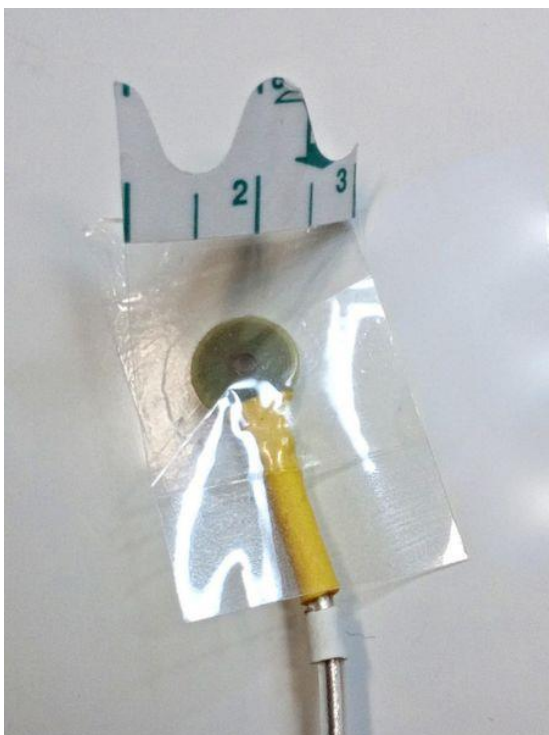
Keeping the “wavy edge” side facing you, peel back the underside covering from the opposite edge – the first ~cm is not sticky.



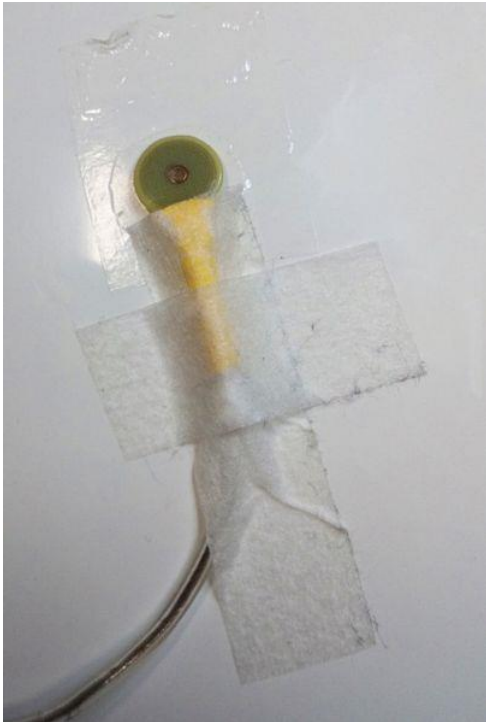
With the help of a colleague holding the tape (you may get better with practice to do on your own), stick the HPI coil to the underside – remembering the first ~cm is not sticky.

- Note: The HPI coil is shaped like a “frying pan”. Stick the “base of the frying pan” to the tape.

If you don’t and stick the coil the other way around, when you attach the coil to your participant the coil will try to “pull up” leading to a poor connection that could cause the coil to move when making a digitisation.



Having already prepped the skin (removed any make-up/cleaned the area carefully, gently with an alcohol wipe), press the HPI coil into place and remove the “wavy-edged” tape covering.



Use *Micropore* tape to support the coil cable, folding over one end of the tape slightly to aid removal.

Make sure the coil cables pass over, to the right, or behind, the participant's head – exiting to the right of your participant.

Carefully place the digitisation glasses on your participant and perform a digitisation.

Carefully remove the digitisation glasses from your participant, making sure the coils don't move or become detached.

Remove any tape secured to the digitisation chair and making sure all the coils are attached securely/the cable is taped and supported on the participant/there are no snags, then walk your participant to the gantry chair.

Please don't rush the HPI coil attachment.

The better the coils are attached, the less likely they will move during digitisation and when the participant is sitting in the gantry chair.

- **Less likely to produce a “non-Acceptance” when performing the HPI check.**