

Using Blenderm 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 *Blenderm* tape to size, 5-6cm long is probably plenty.

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



Having already prepped the skin (removed any make-up/cleaned the area carefully, gently, with an alcohol wipe) attach tape to head, folding over ~1cm of tape edge to aid removal afterwards.



Using another piece of *Blenderm*, attach the “frying pan” base of a HPI coil to the tape and apply over the *Blenderm* attached in the above step, again folding over ~1cm of the tape edge to aid removal.



Add strips of *Micropore*, as necessary, to support the coil cable, folding over one end of the strip to again aid removal afterwards.

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.