



°AirRay Sling Cuff Electrode

HOW TO HANDLE A SLING CUFF

The °AirRay Sling Cuff is an electrical interface to the peripheral nervous system. To perform recordings or stimulation, the electrode must be connected to an amplifier or a stimulator, respectively.

PREPARATION

When dry, silicone can be very sticky. To avoid tears in the inner cuff wiring's insulation or at the contacts, it is necessary to disrupt the 'dry adhesion' by dipping the cuff in alcohol (e.g. ethanol) before opening it.

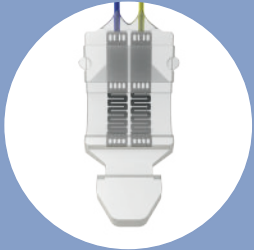
To ensure proper electrical contact, rinse or dip the cuff electrode in sterile ethanol followed by a bath in sterile Ringer's solution (or equivalent) for minimum of 5 minutes before use.

Do not compress the electrode. This may lead to the loss of one or more contact connections.



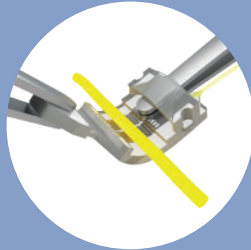
IMPLANTATION

1.



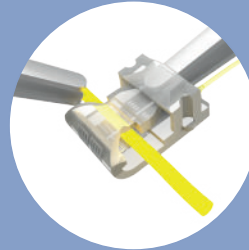
The cuff electrode is delivered in open position.

2.



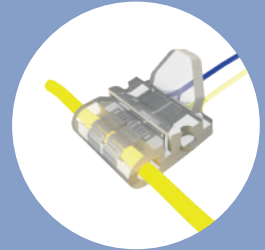
Slide the tip of closed tweezers under the bridge. Then position the cuff close to the nerve, allowing the nerve to sit on top of the metallic contacts.

3.



With the nerve in position, use a second pair of tweezers to pass the buckle to the tweezers reaching through the bridge. Pull the buckle back until it sits behind the bridge.

4.



The Sling cuff is fully wrapped around the nerve and ready for use.



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