



°AirRay Spiral Cuff Lead

HOW TO HANDLE A SPIRAL CUFF

The °AirRay Spiral Cuff is an electrical interface to the peripheral nervous system.

We suggest spiral cuffs with at least 2.5 turns around the targeted nerve diameter. This will also help to avoid electrical insulation issues for example caused by connective tissue growing into the lead.

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 lead 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 lead. This may lead to the loss of one or more contact connections.



IMPLANTATION

1.



The cuff lead is delivered with a PTFE foil to prevent the silicone from sticking together and to ease usage.

2.



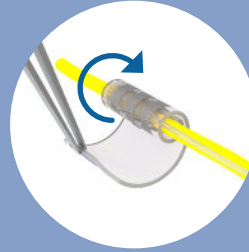
Only use flat tweezers to gently open up the cuff electrode. Remove the PTFE foil.

3.



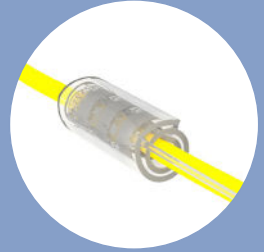
Place the open cuff at the implantation site. Slowly release the flap side of the cuff.

4.



Gently wrap the rest of the cuff around the nerve.

5.



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



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Thinking ahead

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