**INSTRUCTION FOR USE**
**IOM Electrodes Hookwire**

1. Check the expiration date on the hookwire needle packaging and verify that the hookwire sterilized packaging is intact. Follow local site procedures and discard any packages that have expired, or are not sealed and intact.

2. Prepare the subject for the insertion by cleaning and sterilizing the insertion area as appropriate for the intended test, taking all necessary precautions to prevent infection and or contamination.

3. Remove the hookwire electrode from the package and visually inspect both ends of the electrode wire without touching or contaminating the wires or needle. This may require holding the electrode against a light surface under a bright light and using a magnifying glass. Both of the hooked ends should be insulated to within 3mm of the tip with the remaining wire being exposed. There should be no kinks throughout the length of the wire that might cause the wire to break when removed from the subject after the test. The opposite ends of the wires have DIN 42802 connector.

4. Refer to your anatomical guides as appropriate, locate the desired insertion point and insert the needle into the muscle smoothly to the desired depth to place the hooked wires into the target muscle.

5. Carefully withdraw the needle, leaving the electrode in place within the muscle and connect the DIN 42082 connector to the inputs of your recording system. Use small pieces of tape to secure the wires at the insertion site and against the skin to minimize any movement of the wires, or strain at the insertion point during testing. This helps to minimize signal artefact and noise.

6. Connect an external ground reference electrode to the subject and perform the EMG test, visually monitoring the EMG signal quality during the test.

7. After the EMG test has been completed, the recording equipment should be disconnected from the subject. The hookwire electrode wire can then be removed with a gentle, smooth and steady pull. This will usually bring the electrode out painlessly as the wires are so fine and delicate that they offer little resistance to their removal.

8. Swab the wire removal site with a sterilizing solution, apply a suitable sterile covering if necessary and dispose of the used needle and wires in accordance with local safety policies.

Sterile packages of 6 or 24 electrodes, with 40 cm lead wire.

Manufactures exclusively by SGM.