Membrane Changer Training Set

Nonsterile  REF  MC-TSET

For use with SenTec Dummy Sensors

Directions for Use

Introduction
The Membrane Changer Training Set is intended to train the membrane change of SenTec TC Sensors (V-Sign™ Sensors, OxiVenT™ Sensors). The Membrane Changer Training Set is delivered in a box containing:
- 1 ready-to-use Training Tool
- 1 Dummy Sensor (with Membrane Ring mounted)
- 2 replacement Membrane Rings (without membrane)
- Directions for Use (this document)

Important: All these items are reusable. They are for training purposes only and are not intended for patient use.

Indications/Contraindications
The SenTec Membrane Changer Training Set is for use with Dummy Sensors only. The Membrane Changer Training Set is contraindicated for use with real SenTec sensors intended for patient use or with sensors from other manufacturers.

Instructions for Use

Inserting the Dummy Sensor into the Training Tool

a. Place the Training Tool on a smooth stable surface colored dot facing up.
b. Insert the Dummy Sensor into the Training Tool with the sensor side facing up. The insert receiver is designed so that improper alignment of the sensor is difficult if not impossible.

Changing sensor membrane in 4 Press-and-Turn steps

The membrane change procedure consists of 4 identical Press-and-Turn steps. In the real tools for patient use (MC-R) the 4 steps have the following effects:

1. **Step 1** removes old sensor membrane
2. **Step 2** cleans sensor surface from old electrolyte
3. **Step 3** applies new electrolyte on sensor surface, and
4. **Step 4** sets a new membrane on sensor

Keep the Training Tool horizontal while executing the following Press-and-Turn step 4 times (best is to place the Training Tool on a table):

- a. Press down slowly but firmly with palm of hand and hold for 3 seconds.
- b. Turn the top portion one click clockwise to the next stop. Keep the Training Tool horizontal! Hold the Training Tool’s bottom half in place while turning the top half.

Important: Repeat the Press-and-Turn step 4 times!

Removing Dummy Sensor from Training Tool

a. Press once again or lift the Dummy Sensor and finally remove the Dummy Sensor from the Training Tool.

Inspecting sensor membrane

a. Verify that the Dummy Ring is securely seated on the Dummy Sensor.

Note: The Membrane Rings of the Membrane Changer Training Set are not equipped with a membrane. Real Membrane Rings that are used for real sensors are equipped with a membrane. For real sensors you therefore must additionally verify that there are no air bubbles between the membrane and the sensor.

Prepare Training Tool for reuse

a. Open Training Tool and remove the Insert

Grab the Training Tool at its base with one hand and turn top clockwise with other hand until the SenTec label is aligned with the hole.

Open the Training Tool by separating base and top.

Remove the Insert from the base-part of the Training Tool by gripping it in the center.

b. Reposition Membrane Ring

Remove the Dummy Ring from the Insert (step 1) and reposition it at the opposite slot (step 2).

c. Reinsert the Insert

Reinsert the Insert into the top-part of the Training Tool.

d. Close the Training Tool

Align the hole to insert the sensor in the base-part of the Training Tool and the “SenTec” label on the top.

Grab the base of the Training Tool with one hand, turn the top clockwise with the other hand to the next stop.

The Training Tool is now ready-to-use.

Warnings

- Keep all parts out of reach of children under the age of 5.
- Do not use the Membrane Changer Training Set with any SenTec sensor intended for patient use in order to avoid using a sensor without membrane.

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