ForeSight Elite Tissue Oximetry System

Setup guide

HemoSphere advanced monitor set up

1. Slide the HemoSphere tissue oximetry module into the monitor.
2. Connect the ForeSight Elite tissue oximetry module cable into the HemoSphere tissue oximetry module (Figure 1). *Note: ForeSight Elite module LED illuminates green when connected to port A, and blue when connected to port B.*
3. Select **Continue Same Patient** or **New Patient**, enter patient data. Select corresponding patient mode. *Note: Tissue oximetry works with both invasive and minimally-invasive modes.*
4. Ensure StO_2 parameter tiles are displayed for tissue oximetry.

Figure 1

ForeSight Elite sensor setup

1. Open ForeSight Elite sensor packaging and inspect for damage (Figure 2).
2. Clean patient's skin and ensure area is dry prior to sensor application.
3. Remove protective liner and apply sensors.
4. Apply pressure around the edges of the sensor to ensure adequate adhesion.
5. Connect sensors to ForeSight Elite tissue oximetry module cable. Ensure each sensor is connected with a tactile click (Figure 3).

Figure 2

Figure 3

Edwards

Sensor location setup

1. Touch the patient figure (Figure 4) to access **Sensor Location** tab.
2. Ensure correct body location is selected with corresponding sensor channel in **Sensor Location** tab (Figure 4).
3. Sensor channel appears in the upper left of the parameter tile (Figure 4). Select channel. Then select the appropriate StO_2 channel from tile configuration menu (Figure 5).
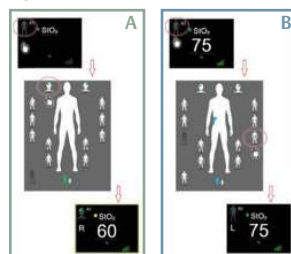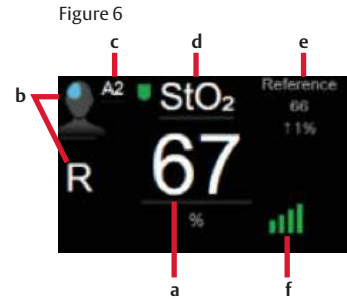4. Select the patient monitoring mode:

adult or pediatric.

Figure 4

Figure 5
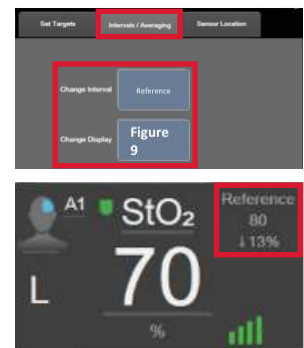
Parameter tile area (Figure 6)

Figure 6

1. **StO$_2$** reading displays current StO$_2$% level (a).
2. **Sensor Location** displays location and side of body sensor is placed (b).
3. **Channel Location** displays which channel each sensor is connected (c).
4. **Parameter** displays which parameter is being monitored (d).
5. **Reference Value** displays the reference value from timepoint which menu selection is made (e).
6. **Signal Quality Indicator** displays the quality of the signal (f).

Display reference value

Figure 7

1. Select parameter tile, then select **Intervals/Averaging** tab (Figure 7).
2. Select **Change Interval** tab and select **Reference.**
3. Select **% Changed** or **Value Difference** in **Change Display** button.

Skin check assessment

1. Select parameter tile, then select **Sensor Location** tab.
2. Select **Skin Check Reminder** button to choose a time interval between skin check notifications.
3. When performing skin check assessment lift the sensor to assess the skin integrity under the sensor. Move sensor if circulatory condition or skin integrity has deteriorated.

Edwards