# ForeSight Jr Tissue Oximetry System

## Setup guide

## HemoSphere monitor set up

1. Connect the green ForeSight tissue oximetry module cable into the HemoSphere technology module (Figure 1).
2. Select **Continue Same Patient** or **New Patient**, enter patient data or skip data entry. Select corresponding monitoring mode if applicable. ***Note: Tissue oximetry does not require patient data to be entered and works in all monitoring modes.***
3. Ensure $StO_2$ parameter tiles are displayed for tissue oximetry.

Figure 1

## ForeSight Jr sensor setup

1. Open ForeSight Jr 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, avoid positioning over hair, air sinus, hematomas, or broken skin.
4. Apply pressure around the edges of the sensor to ensure adequate adhesion.*
5. Connect sensors to the green ForeSight tissue oximetry module cable. Ensure each sensor is connected with a tactile click (Figure 3). ***Note: If 'Sensor Off Check' appears verify that sensors are properly applied and acknowledge this message by pressing 'OK' to start monitoring.***

\* For non-adhesive sensor refer to Instructions for Use

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:  pediatric.

Figure 4



Figure 5
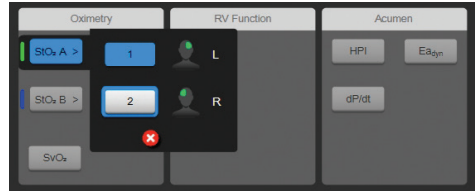
## Parameter tile area (Figure 6)

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 initial reading or time point which menu selection is made (e).
6. **Signal Quality Indicator** displays the quality of the signal (f).
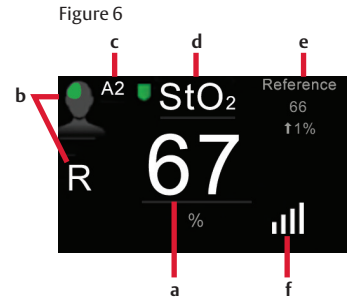
Figure 6



## Display reference value

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.
   *Note: A dotted line will also appear on trend screen to identify the reference value set.*

Figure 7

## Alarms / Targets

1. Set Alarms/Targets for StO$_2$ through the "Setting Screen" or by selecting the desired parameter as a key parameter.
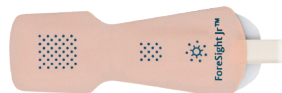2. Use default settings or adjust as needed.

**ForeSight Jr - Medium Sensor (FSESM)**
Cerebral – Patients >3Kg
Non-cerebral – Patients >3Kg
(can be used in patients > 40 Kg and up to 18 y/o)

**ForeSight Jr - Small Sensor (FSESS)**
Cerebral – Patients < 8Kg
Non-cerebral – Patients <5Kg

**ForeSight Jr - Small Non-adhesive sensor (FSESNS)**
Cerebral – Patients < 8Kg
Non-cerebral – Patients <5Kg

*(Sensor images not to scale)*

## 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.