

# HemoSphere Advanced Monitor Tissue Oximetry StO<sub>2</sub>

## Competency checklist

Name: \_\_\_\_\_

Unit: \_\_\_\_\_

Date: \_\_\_\_\_

Please visit:



[Edwards Lifesciences Clinical Education](#)



[YouTube channel for video instructions](#)



### Critical elements

#### Tissue oximetry module setup

	Met	Not met
Plug the HemoSphere power cord into a hospital grade power outlet.	<input type="checkbox"/>	<input type="checkbox"/>
Ensure the HemoSphere tissue oximetry module is present and connected to the HemoSphere advanced monitor.	<input type="checkbox"/>	<input type="checkbox"/>
Press the power button on the front of the monitor to power on the HemoSphere advanced monitor. All entries and selections are accessible via the monitor touch screen.	<input type="checkbox"/>	<input type="checkbox"/>
Once prompted, select either the “New Patient” button and enter patient data or the “Continue Same Patient” button, then select “Next.”	<input type="checkbox"/>	<input type="checkbox"/>
Plug the HemoSphere ForeSight Elite module into the HemoSphere tissue oximetry module; up to two ForeSight Elite modules can be connected to each tissue oximetry module.	<input type="checkbox"/>	<input type="checkbox"/>
Connect the compatible ForeSight Elite sensor(s) to the ForeSight Elite module; up to two ForeSight Elite sensors can be connected to each ForeSight Elite module; refer to the ForeSight Elite sensor instructions for use for proper application directions.	<input type="checkbox"/>	<input type="checkbox"/>
Tissue oximetry is available in all modes. Select the “Invasive”, “Minimally-Invasive”, or “Noninvasive” monitoring mode button on the monitoring mode selection window as applicable.	<input type="checkbox"/>	<input type="checkbox"/>
Touch the “Start Monitoring” button to proceed.	<input type="checkbox"/>	<input type="checkbox"/>



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**Tissue oximetry module setup** (continued)

	Met	Not met
If StO <sub>2</sub> is not a displayed parameter, tap any available tile parameter's name to select StO <sub>2</sub> <Ch> as a desired parameter from the select parameter tab of the tile configuration menu, where <Ch> is the sensor channel; the channel options are A1 and A2 for ForeSight Elite module A and B1 and B2 for ForeSight Elite module B.	<input type="checkbox"/>	<input type="checkbox"/>
The channel will appear in the upper left corner of the parameter tile; touch the patient figure on the parameter tile to access the "Sensor Location" tab of the tile configuration menu.	<input type="checkbox"/>	<input type="checkbox"/>
Select the patient monitoring mode: adult or pediatric, located at the bottom of the patient figure in the "Sensor Location" window.	<input type="checkbox"/>	<input type="checkbox"/>
Select the anatomical location of the sensor, located around the patient figure "Sensor Location" window.	<input type="checkbox"/>	<input type="checkbox"/>
Adjust the "Skin Check Reminder" or "Averaging" for that sensor, if necessary.	<input type="checkbox"/>	<input type="checkbox"/>
Touch the home icon to return to the monitoring window.	<input type="checkbox"/>	<input type="checkbox"/>
Tap the number value within the StO <sub>2</sub> parameter tile to adjust alarms/targets for StO <sub>2</sub> . Select the home icon to apply settings and return to the monitoring screen.	<input type="checkbox"/>	<input type="checkbox"/>

**Passed competency**

**Needs to repeat competency**

**Validated by:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**CAUTION:** Federal (United States) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.

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