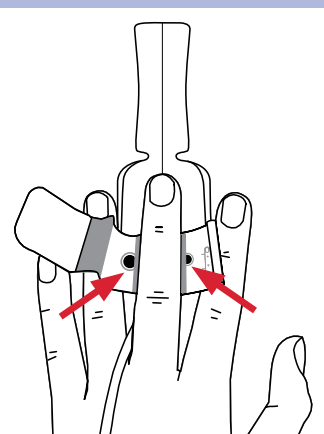
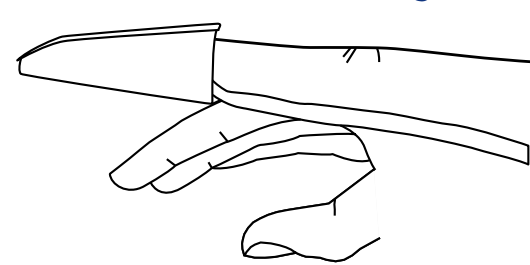


# ClearSight Jr Cuff on HemoSphere Monitor

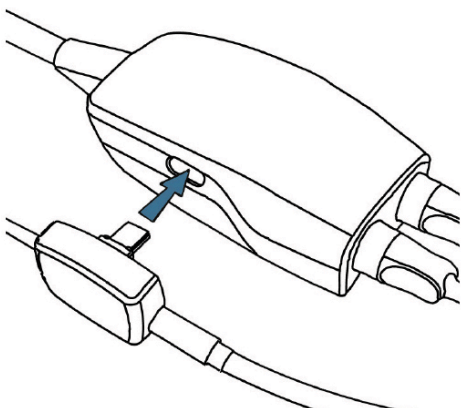
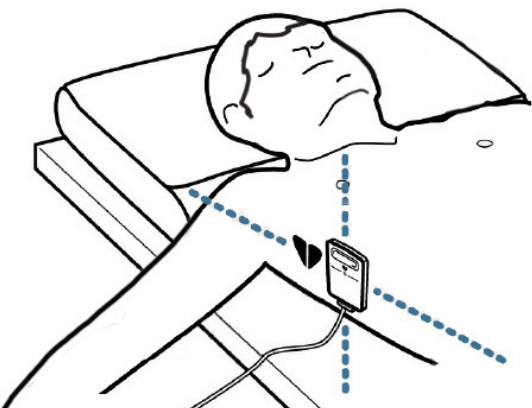
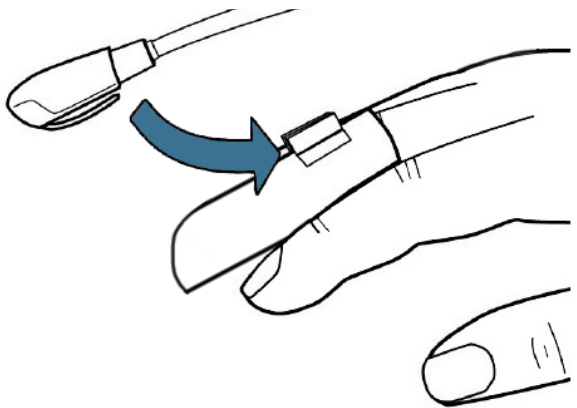
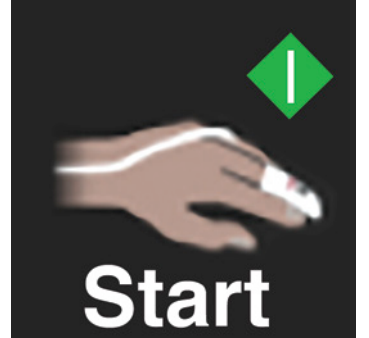
Access noninvasive, continuous blood pressure and advanced hemodynamic parameters to help optimize management of pressure and flow.

## Setup quick guide

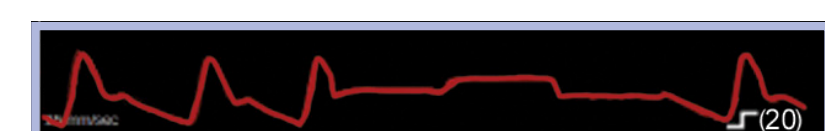
### ClearSight Jr finger cuff\*

<p><b>1 Align</b></p> <p>Ensure sensors are properly aligned laterally on the finger (<b>diodes/dots should align side to side</b>) between the second and third knuckle.</p> <p><b>Note: Do not apply the finger cuff on the thumb, small finger, or previously fractured fingers.</b></p> 	<p><b>2 Apply</b></p> <p><b>Allow finger cuff to wrap around finger</b>, then pull adhesives off sides and top. Tape cuff into place.</p> 	<p><b>3 Secure</b></p> <p><b>The finger cuff should feel snug, so it does not migrate.</b> When properly placed, the cuff cord is pointed toward the wrist on the underside of the finger.</p> 
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### Heart reference sensor (HRS)

<p><b>1 Connect</b></p> <p>Ensure the HRS is connected to the pressure controller.</p> 	<p><b>2 Clip</b></p> <p>Apply the heart end of the HRS to the patient at the phlebostatic axis level by using the HRS clip.</p> 	<p><b>3 Attach</b></p> <p>Slide the other end of the HRS onto the finger cuff.</p> 	<p><b>4 Start Monitoring</b></p> <p>Touch the start monitoring icon on the navigation bar to begin monitoring.</p> 
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## What to look out for on screen



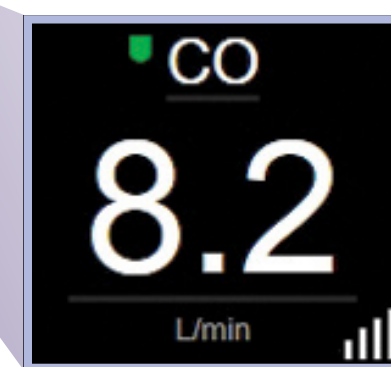
### Physiocal

Physiocal tracks changes in vascular tone and calibrates readings accordingly. You may notice a step waveform during those calibration intervals. This momentary interruption to the arterial waveform is normal.



### Status Bar

Look at the status bar for faults or alerts (e.g., question mark icon) and touch for more information.



### Signal Quality Indicator (SQI)

Similar to a cell phone, more bars equal a stronger signal. SQI is calculated with each parameter update—every 20 seconds. If SQI has less than 3 bars, check connections and onscreen alerts.

### Inaccurate noninvasive measurements can be caused by factors such as:

- Improperly calibrated and/or leveled HRS
- Excessive variations in blood pressure
- Any clinical situation where the arterial pressure is deemed inaccurate or not representative of aortic pressure
- Poor blood circulation to the fingers
- A bent or flattened finger cuff
- Excessive patient movement of fingers or hands
- Artifacts and poor signal quality
- Incorrect placement or position of finger cuff, or a finger cuff that is too loose
- Electrocautery or electrosurgical unit interference

### Quick tips and reminders

- Ensure that blood flow to the hand is not obstructed; check that the patient's hand is relaxed and warm
- Always ensure HRS is at the same vertical level as the heart; readjust as necessary
- If ClearSight Jr cuff blood pressure measurements vary from a reference measurement, assess the integrity of the HRS by performing an HRS calibration; Settings icon > Clinical Tools tab > HRS Calibration icon
- Make sure HRS is not expired; replace if needed
- Physiocal interval  $\geq 30$  beats is considered reliable

\* ClearSight Jr cuff is indicated for patients 12 years of age or older

**CAUTION:** Federal (United States) law restricts these devices 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.

BD, Irvine, CA 92618 USA

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