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

Setup quick guide

ClearSight Jr finger cuff

1. **Align**
   - Ensure sensors are properly aligned laterally on the finger (diodes/dots should align side to side) between the second and third knuckle.
   
   Note: Do not apply the finger cuff on the thumb, small finger, or previously fractured fingers.

2. **Apply**
   - Allow finger cuff to wrap around finger, then pull adhesives off sides and top. Tape cuff into place.

3. **Secure**
   - The finger cuff should feel snug, so it does not migrate. When properly placed, the cuff cord is pointed toward the wrist on the underside of the finger.

Heart reference sensor (HRS)

1. **Connect**
   - Ensure the HRS is connected to the pressure controller.

2. **Clip**
   - Apply the heart end of the HRS to the patient at the phlebostatic axis level by using the HRS clip.

3. **Attach**
   - Slide the other end of the HRS onto the finger cuff.

4. **Start Monitoring**
   - Touch the start monitoring icon on the navigation bar to begin monitoring.

What to look out for on screen

**Physical**
Physical 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.

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
- Physiological interval ≥30 beats is considered reliable

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

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

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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