

ClearSight System

Setup guide

Start/stop a measurement and view arterial waveform

1. Zero the HRS sensor (see Zeroing the HRS).
2. Tap the **Pump Unit Start/Stop** icon on the navigation bar (1).
An arterial waveform will appear at the top of the screen (2).
3. Press the **Home** button to confirm.
4. You may also view the arterial waveform on the trend screen by tapping the **Screen Selection** icon on the navigation bar, selecting the **Trend Screen** icon, and tapping the **Arterial Pressure Waveform** icon (3).
5. Use the same icon to remove the waveform (3).
6. To stop a measurement, tap the **Pump Unit Start/Stop** icon on the navigation bar (1).



For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.

Edwards Lifesciences devices placed on the European market meeting the essential requirements referred to in Article 3 of the Medical Device Directive 93/42/EEC bear the CE marking of conformity.

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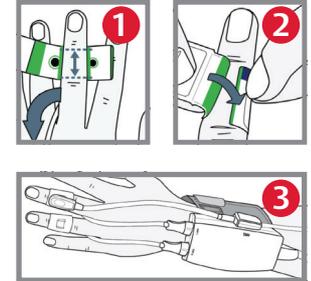
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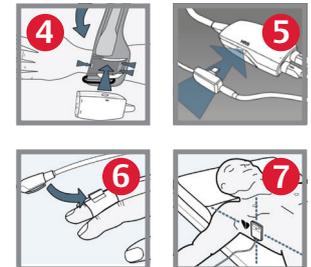
Applying the finger cuff

1. Determine the correct finger cuff size by referring to the EV1000 software under Settings>Help>ClearSight>Device Setup>Step 3.
2. Place the index, middle, or ring finger in cuff #1 between both optical components and center between the two knuckles (1).
3. Gently lead the cuff cable and air hose between two fingers toward the back of the hand, as shown in the picture on the right.
4. Wrap the finger cuff snugly around the contour of the finger ensuring that the end of the finger cuff lies inside the green zone (2).
The image of the finger should lie on the top side of the finger.
5. Connect the finger cuff to the pressure controller (3).
6. If using a second finger cuff, repeat steps 1-4 on adjacent finger with cuff #2.



Applying the heart reference sensor (HRS)

1. Secure the pressure controller to the Velcro strap with the cuff connections facing the fingers. Wrap the Velcro strap around the wrist and secure it (4).
2. Connect the HRS to its respective port on the pressure controller (5).
3. Secure the finger side of the HRS to one of the finger cuffs (6).
4. Secure the heart side of the HRS to the patient at heart level (7).

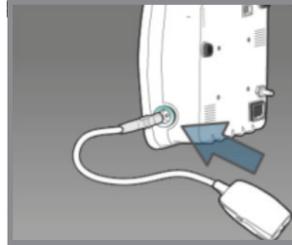


NOTE: Use surgical tape to properly secure both ends of the HRS if necessary.



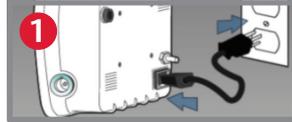
Connecting the pressure controller to the pump unit

1. Connect the pressure controller cord to the right side of the pump unit.



Connecting the pump unit to the EV1000 monitor

1. Connect the pump unit to an electrical outlet (1).
2. Connect the system power cable and the communication cable to the EV1000 monitor panel (2) and pump unit (3).



Entering patient data

1. Tap the **Settings** icon on the navigation bar.
2. Tap the **Patient Data** button.
3. Tap the **New Patient Data** button or update existing patient information by tapping the grey rectangles next to each field.

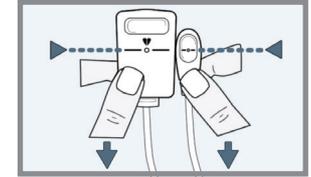


NOTE: Accurate measurements of cardiac output can only be obtained if the following patient data are properly entered: gender, age, weight, and height.

4. Tap the **Home** button to confirm.

Zeroing the HRS

1. Place both ends of the HRS at the same vertical level.
2. Tap the **Clinical Actions** icon on the navigation bar.
3. Tap the **Zero & Waveform** button.
4. Tap the **Zero** button under Align & Zero HRS.



NOTE: The HRS can be zeroed before being placed on a patient.



Connecting the pump unit to the patient monitor

1. Connect patient monitor adapter cable to the pump unit and pressure cable (4).
2. Connect pressure cable to the patient monitor (5).
3. Move pressure output selection to zero position (6).
4. Press the **Zero** button on connected patient monitor (7).
5. Move the pressure output selection to signal position (8).

