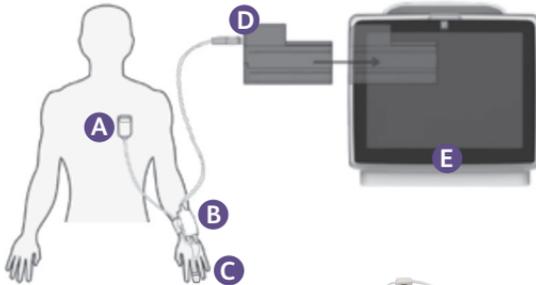# ClearSight System with ClearSight Jr Cuff

Setup Guide

Figure 1

- Step 1: Insert the HemoSphere ClearSight module **D** into the large technology slot of monitor **E**. The module will click when properly engaged; press the power button to turn on the HemoSphere monitor

- Step 2: Select the "new patient" button and enter patient data, and then select the "non-invasive" button on the "monitoring mode selection" window
  Note: touch 'Skip' to start monitoring without inputting the patient's demographics; if patient demographics are not entered, only the following parameters can be monitored: SYSart, DIAart, MAP, PR

- Step 3: Connect the pressure controller **B** to the HemoSphere ClearSight module **D**

A Heart reference sensor

B Pressure controller

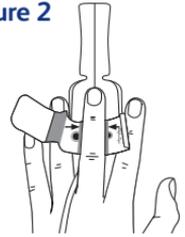**C** ClearSight Jr cuff*

D HemoSphere ClearSight module

E HemoSphere monitor

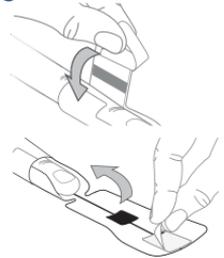* ClearSight Jr cuff is indicated for patients 12 years of age or older

- Step 4: Gently open the finger cuff and place the finger cuff on the middle phalanx of the index, middle or fourth/ring finger; ensure the finger cuff is centered between the second and third knuckles, and the two green lines on the inside of the finger cuff (Figure 2); do not apply the finger cuff on the thumb, small finger, or previously fractured fingers
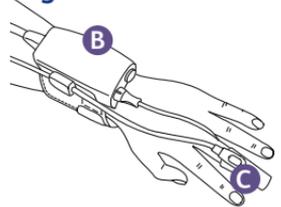
Figure 2

- Step 5: Wrap the cuff around the finger; do not rotate the cuff after it is applied (Figure 3)
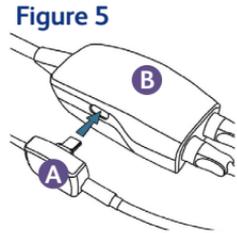
Figure 3

- Step 6: Gently lead the cuff cable between the two fingers to the back side of the hand (Figure 4)
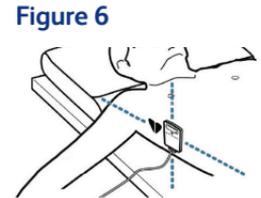
Figure 4

- Step 7: Connect the cuff **C** to pressure controller **B** (Figure 5)

- Step 8: Ensure heart reference sensor (HRS) **A** is connected to pressure controller (Figure 5) **B**
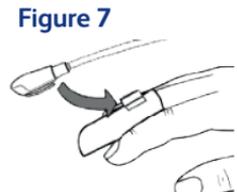
Figure 5

- Step 9: Anchor the heart end of the HRS to the patient at the phlebostatic axis level by using a HRS clip (Figure 6) and attach the other end of the HRS to the finger cuff (Figure 7)

Figure 6

- Step 10: Touch the start monitoring icon on the navigation bar on HemoSphere monitor to begin monitoring

Figure 7

- Step 11: Touch the home icon to return to the main monitoring screen

HemoSphere advanced monitoring platform: System navigation

- Step 1: Touch the settings icon and choose "Select Screens" tab to select the desired monitoring screen view

- Step 2: Touch parameter tile on the right side of the monitoring screen. To change the parameter, touch the displayed parameter label. The tile configuration menu will show the selected parameter highlighted in color. Available parameters appear on the screen without highlights; touch any parameter to select the replacement parameter

- Step 3: To adjust alarms/targets default, touch the settings icon → advanced setup (input advanced setup password: 55555555) → parameter settings → alarms and targets

- Step 4: If desired, HemoSphere monitor arterial waveforms can be connected to a bedside monitor and a second pressure cable can be added *(see General Troubleshooting setup guide)*

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