HemoSphere
Swan-Ganz module setup

1. Insert the HemoSphere Swan-Ganz module into a standard module slot on the left panel of the HemoSphere advanced monitor. The module will click in place when properly engaged.
2. Turn on monitor power switch and follow steps for entering patient data.
3. Plug the patient CCO cable into the module using the connection guide arrows for proper orientation. For CCO cable test, refer to ops manual.
4. Connect the compatible Swan-Ganz catheter to the patient CCO cable.
5. Refer to the HemoSphere advanced monitor operator’s manual for catheter connection guidelines and monitoring procedures.
Back of the monitor
1. Main power cord connection
2. HDMI port
3. Ethernet port
4. USB port
5. COM1 serial port connector (RS-232)
6. Analog input 1
7. Analog input 2
8. ECG input
9. Pressure output
10. Equipotential terminal stud

Monitor right panel
1. USB port
2. Battery door

Monitor left panel
1. L-Tech expansion module slot
2. Expansion module slots (2)
3. Smart cable ports (2)

HemoSphere advanced monitor screen features
Navigation bar (section 5.2)
Parameter globe (section 5.3.1)
Information bar (section 5.5)
Status Bar (section 5.6)
Main window

HemoSphere advanced monitor screen features
Start/stop monitoring
Start CO monitoring
Stop CO monitoring
Monitor screen selection
Clinical actions
Choose between six visual clinical support screens, the selected screen will appear in the main window
• Oximetry calibration
• iCO
• Patient CCO cable test
• Event review
• Derived value calculator
Settings
• Patient data
• Advanced setup
• Demo mode
• Export data
• Monitor settings
• Engineering
• Help
Snapshot
Captures an image of the screen at the current time
Silence audible alarm
This icon silences all alarms for two minutes

Parameter globes
1. To change a displayed parameter, touch outside the globe you want to change.
2. The selected parameter appears highlighted. The other parameters being displayed are outlined. Available parameters appear without highlights.
3. Touch the parameter you want to replace the current parameter.

HemoSphere advanced monitor information bar
Wi-Fi status
HIS status
Time
Date
Battery
Monitoring mode
Averaged heart rate
Blood temperature
Lock screen
**HemoSphere advanced monitor screen features**

- **Navigation bar** (section 5.2)
- **Parameter globe** (section 5.3.1)
- **Information bar** (section 5.5)
- **Status Bar** (section 5.6)

**HemoSphere advanced monitor information bar**

- Wi-Fi status
- HIS status
- Time
- Date
- Battery
- Monitoring mode
- Averaged heart rate
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**Parameter globes**

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**Monitor right panel**
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**Monitor left panel**
1. L-Tech expansion module slot
2. Expansion module slots (2)
3. Smart cable ports (2)

**Back of the monitor**
1. Main power cord connection
2. HDMI port
3. Ethernet port
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**Start/stop monitoring**
- Start CO monitoring
- Stop CO monitoring

**Monitor screen selection**
- Choose between six visual clinical support screens, the selected screen will appear in the main window
  - Oximetry calibration
  - iCO
  - Patient CCO cable test
  - Event review
  - Derived value calculator

**Clinical actions**
- Patient data
- Monitor settings
- Advanced setup
- Demo mode
- Export data
- Engineering
- Help

**Settings**
- Captures an image of the screen at the current time

**Snapshot**
- This icon silences all alarms for two minutes
HemoSphere advanced monitor setup

1. Securely position the HemoSphere advanced monitor or mount on a compatible stand.
2. Open the battery door on the lower right panel of the HemoSphere advanced monitor and insert the battery.
3. Connect the power cord to the rear panel of the monitor and plug into a hospital grade outlet. Note: after inserting the battery for the first time, the battery must be fully charged and conditioned. Refer to operator’s manual for additional information.
4. Insert desired hemodynamic technology module and/or cable. Refer to module or cable instructions for proper insertion/connection procedures.
5. Press power button on the front of the monitor. Note: upon initial startup the display language can be selected which affects the time/date format and units of measurement.

Follow instructions contained in the HemoSphere advanced monitoring platform operator’s manual for desired hemodynamic technology module or cable monitoring.