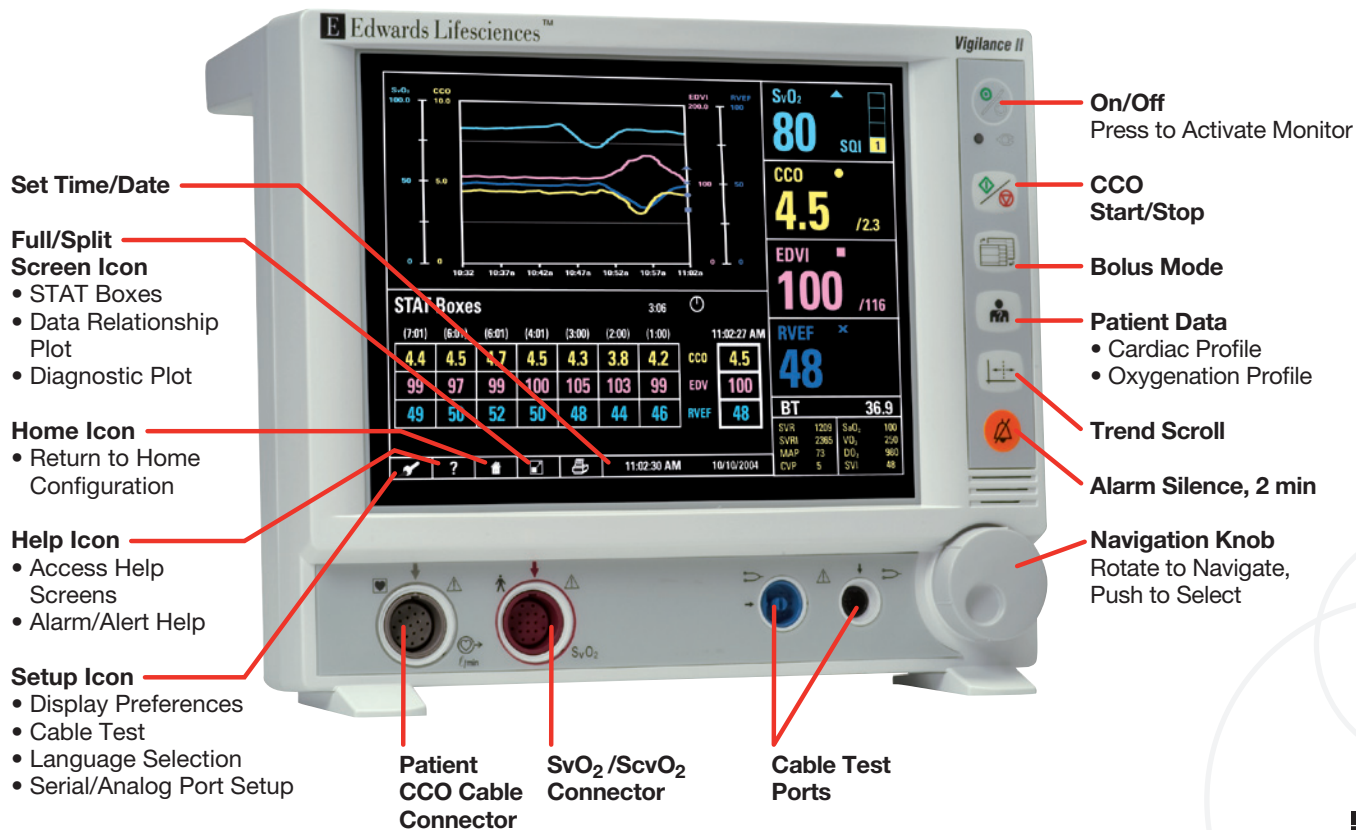


Vigilance II Monitor Quick Reference Guide



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Oximetry Setup and Calibration

In-Vitro Calibration

1. Connect the optical module to the SvO₂/ScvO₂ color-coded connector on the front of the monitor. Connect catheter to the optical module with the "Top" side up. Allow 20 minutes for the module to warm up.
2. Use the navigation knob to highlight the SvO₂/ScvO₂ large parameter frame. Press knob to display calibration menu. Highlight *In-Vitro Calibration*. Press knob to select.
3. Highlight *HGB*. Press knob to select. Enter hospital lab values by turning the knob. Press knob to confirm setting.
4. Turn knob to highlight *Calibrate*. Press to select. Upon successful completion of calibration, insert catheter in patient.
5. Highlight *Start*. Press knob to select.

In-Vivo Calibration

1. Use the navigation knob to highlight the SvO₂/ScvO₂ large parameter frame. Press knob to display calibration menu.
2. Highlight *In-Vivo Calibration*. Press knob to select.
3. After 25 seconds *Draw* is highlighted. Press knob just prior to drawing waste and lab samples.
4. Use knob to enter oximetry and HGB or Hct values.
5. Highlight *Calibrate*. Press knob to select.

To Transport

1. The Swan-Ganz catheter should remain connected to the optical module during transport. Unplug the optical module cable from the Vigilance II monitor. Transport the patient.
2. If reconnecting to a different Vigilance II monitor, press the patient data button, select *New Patient*, select *Yes*, and *Yes* again.
3. Reconnect the optical module cable to the Vigilance II monitor.
4. Highlight and select oximetry large parameter frame. Select *Recall OM Data*. The calibration data stored in the optical module will be displayed.
5. If stored data is less than 24 hours old a *Yes* or *No* option will be displayed. Select *Yes* to begin oximetry monitoring. If *No* is selected, *In-Vivo* calibration will be necessary.

See Vigilance II monitor operator's manual for detailed instructions.

For professional use. 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.

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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Continuous Cardiac Output

1. Connect the patient CCO cable to the color-coded connector on the front panel.
2. If CEDV is required, connect the ECG interface cable from the bedside monitor to the ECG connector on the Vigilance II monitor rear panel.
3. Connect an Edwards advanced technology Swan-Ganz catheter to the patient cable per catheter instructions.
4. Press *CO Start/Stop* button to begin continuous cardiac output monitoring. If CEDV monitoring is required:
 - Highlight one of the large parameter frames. Press knob to display menu.
 - Highlight and select *Parameter*, then *EDV*. Highlight *Return*. Push knob to select.

Activating STAT Boxes

1. Highlight the *Full/Split Screen* icon. Press knob to select.
2. Highlight the lower frame of the split screen. Press knob to select.
3. Highlight *STAT Boxes*. Press knob to select.

Signal Quality

Signal Quality May be Compromised by:

- Pulsatility
- Signal intensity (e.g., kinking of catheter, blood clot, hemodilution)
- Intermittent wall contact by the catheter

Signal Quality May be Improved by:

- Try to aspirate distal lumen; if able to aspirate, flush lumen with extreme caution
- Check catheter for kinking and recalibrate; replace catheter if required and recalibrate
- Reposition catheter and if $SQI > 2$, recalibrate monitor by performing in-vivo calibration
- Attempt to distance electrocautery equipment and cables from the Vigilance monitor
- Plug the power cord into separate AC circuits if possible
- Update entered hemoglobin and hematocrit values when there is a physiologic change of 6% or greater in hematocrits or of 1.8 g/dl (1.1 mmol/L) or greater in hemoglobin

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