Early detection. Proactive intervention.

Edwards Oximetry
Central Venous Catheter
Edwards oximetry central venous catheter (CVC) — the first proven CVC with continuous ScvO₂ monitoring — reveals the true adequacy of tissue oxygenation for clarity in early assessment and intervention.¹⁻¹⁰

Edwards oximetry central venous catheter continuously monitors central venous oxygen saturation (ScvO₂), an early indicator of compromised or inadequate oxygen delivery.⁶⁻¹⁰

**Continuous ScvO₂ monitoring: Proactive management of tissue hypoxia⁶⁻¹⁰**

*Hemodynamic trends*

By providing a more sensitive indicator of oxygen imbalance, Edwards oximetry central venous catheter identifies critical changes earlier than traditional vital signs and intermittent sampling — enabling you to recognize and prevent tissue hypoxia sooner.⁶⁻¹⁰

Helps guide therapy and provide real-time insight into the efficacy of intervention.⁶,⁷

**Demonstrated prognostic value of continuous ScvO₂ monitoring.¹¹**

- Post-op high-risk surgeries¹²
- Trauma⁹
- Sepsis¹³
- Cardiac failure in congenital heart failure¹⁰
- Recovery in cardiac arrest¹⁴⁻¹⁵

**Continuous ScvO₂ monitoring has multiple applications in intra- and post-op stages:¹⁶,¹⁷**

- Risk for high blood loss, such as hepatic resections, trauma, vascular cases
- High fluid shifts in gastrointestinal cases
- Toleration of single-lung ventilation in thoracic procedures
- Early indication of failure to tolerate extubation
Continuous ScvO₂ monitoring reveals the root cause of oxygen imbalance, allowing you to determine appropriate therapy.⁶,¹⁸

Edwards oximetry central venous catheter provides:

- Simplicity and flexibility — uses the same insertion techniques as central lines
- Continuous ScvO₂ monitoring, pressure monitoring and fluid resuscitation
- Accurate oxygenation status²⁴

See advanced hemodynamic parameters with a new level of clarity.*

The HemoSphere advanced monitor from Edwards Lifesciences reimagines the way you see, experience and interact with hemodynamic parameters. A range of clinical-support screen choices provides a new level of visual clinical support, facilitating decision making during rapidly changing situations.

*Compared to Vigilance II monitor
See clearly. Stay ahead.

Designed for use with Edwards’ monitoring platforms, Edwards’ oximetry central venous catheters offer the clarity of an early warning to support early intervention.

Edwards HemoSphere Advanced Monitoring Platform
Adaptable module design allows a broad range of working environments and applications. Screen options communicate patient status at a glance.

Edwards EV1000 Clinical Platform
Presents patient physiologic status in an intuitive, meaningful way to clinically support proactive hemodynamic management.

PediaSat Oximetry Catheter
The first and only pediatric oximetry catheter with continuous ScvO₂ monitoring to help you stay ahead of hypoxia and stages of sepsis.²⁰–²²

Edwards oximetry central venous catheter

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For over 40 years, Edwards Lifesciences has been helping you make proactive clinical decisions to advance the care of surgical and critical care patients.

Through ongoing collaboration with you, ongoing education and our never-ending quest for advancement, Edwards develops solutions that provide the clarity to make proactive clinical decisions.

Know more. Visit Edwards.com/OximetryCVC
References for Edwards oximetry central venous catheter brochure

1. Edwards Oximetry Central Venous Catheter Instructions for Use
3. FDA 510k K053609
4. FDA 510k K061585
5. FDA 510k K091786