

## A Single Monitor Solution for Tissue Oxygenation and Fluid Optimization

The **Vigileo** monitor works with the PreSep catheter to provide central venous oxygen saturation (ScvO<sub>2</sub>) and the FloTrac sensor to measure and display key flow parameters.



The **PreSep catheter** is a triple lumen central venous oximetry catheter with an added capability for continuously monitoring central venous oxygen saturation (ScvO<sub>2</sub>). The PreSep catheter is an integral part of Early Goal-Directed Therapy (EGDT) for the treatment of sepsis.



The **FloTrac sensor** is a less invasive hemodynamic monitoring device that continuously measures and displays key flow parameters. With the FloTrac sensor, cardiac output, stroke volume, stroke volume variation and SVR\* are available using any standard arterial pressure line.



1. Reinhart, K, et al. Continuous central venous and pulmonary artery oxygen saturation monitoring in the critically ill. *Intensive Care Med* 2004;30(8):1572-8.
2. Zaja, J., Venous oximetry, *SIGNA VITAE* 2007; 2(1):6-10
3. Loren, D. Continuous Venous Oximetry in Surgical Patients. *Ann Surg* 1986;203/3:329-333.

\* Derived from CVP.

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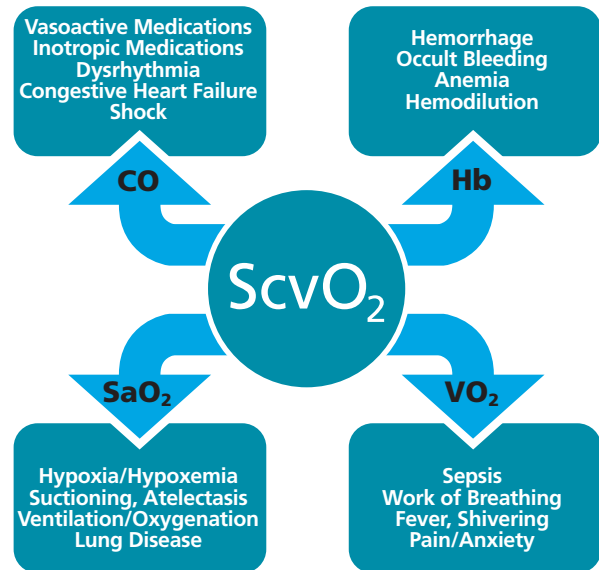


Edwards Lifesciences LLC · Irvine, CA 92614 USA · 949.250.2500 · www.edwards.com  
 Edwards Lifesciences (Canada) Inc. · Mississauga, Ontario · Canada L5C 4R3 · 905.566.4220  
 Edwards Lifesciences Europe · 1162 Saint-Prex · Switzerland · 41.21.823.4300  
 Edwards Lifesciences Japan · Chiyoda-ku, Tokyo 102-0085 · Japan · 81.3.5213.5700

## Continuous ScvO<sub>2</sub> Monitoring with the PreSep Oximetry Catheter

Continuously monitoring central venous oxygen saturation (ScvO<sub>2</sub>) enables the early detection and management of occult tissue hypoxia.<sup>1,2</sup>

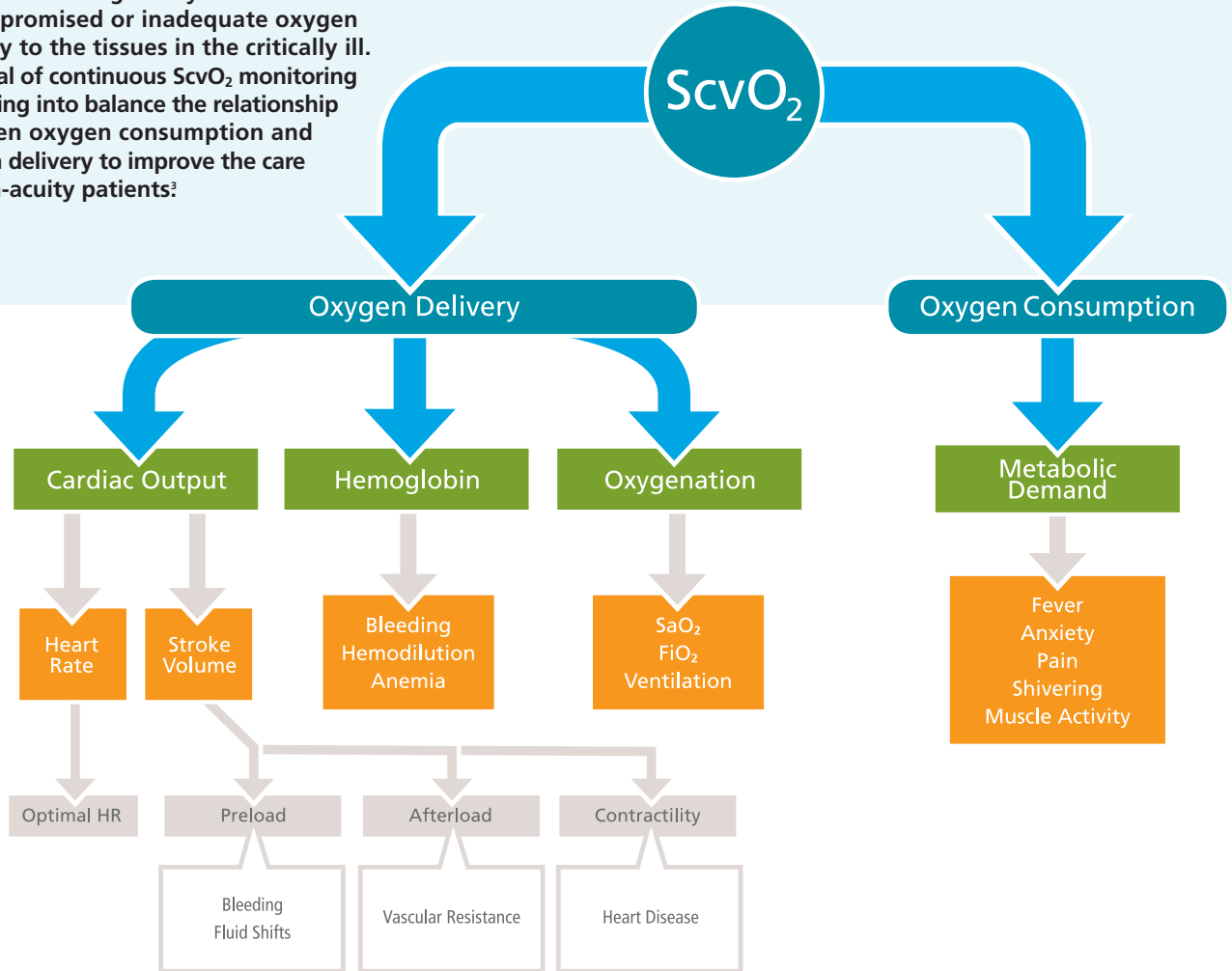
### Components of ScvO<sub>2</sub>



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# Balance of oxygen delivery and consumption for high-risk surgical, intensive care and sepsis patients.

Traditional vital signs may be late indicators of compromised or inadequate oxygen delivery to the tissues in the critically ill. The goal of continuous ScvO<sub>2</sub> monitoring is to bring into balance the relationship between oxygen consumption and oxygen delivery to improve the care of high-acuity patients<sup>3</sup>



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