A clear path through sepsis.
Real-time, goal-directed sepsis management.

ScvO₂ monitoring offers therapeutic guidance through sepsis management. When continuous ScvO₂ from the PreSep oximetry catheter is combined with cardiac output (CO), stroke volume (SV) and stroke volume variation (SVV) provided by the FloTrac sensor, you’ll find a clear path to improving sepsis patient outcomes.
The PreSep oximetry catheter provides a continuous, global measure of oxygen delivery and consumption, an important endpoint to resuscitation. Continuous ScvO2 from the PreSep oximetry catheter has significant impact on survival rates and is proven to help meet the six-hour resuscitation goal more often than intermittent sampling alone.

The FloTrac sensor enables fluid optimization in order to help better meet these resuscitation endpoints. Requiring no manual calibration and connecting to any existing arterial catheter, the FloTrac sensor is the easy and practical solution for improving fluid management – a primary determinate of oxygen delivery.

The FloTrac system’s Automatic Vascular Tone Adjustment recognizes and adjusts for many hyperdynamic conditions. Continuous monitoring of stroke volume variation (SVV) is a more sensitive indicator of fluid responsiveness and helps predict fluid responsiveness while real-time stroke volume (SV) and cardiac output (CO) help to verify the efficacy of fluid therapy.

Real-time, goal-directed therapy with the PreSep oximetry catheter and the FloTrac sensor – the clear path for sepsis management.

**PreSep oximetry catheter**
- Provides a continuous, global measure of oxygen delivery and consumption
- Proven to reduce mortality and help meet the six-hour resuscitation goal more often than intermittent sampling

**FloTrac sensor**
- Optimizes the effects of HR and SV for improved fluid management
- Continuously monitors SVV to help predict fluid responsiveness
- Easily connects to any existing arterial catheter

**Advantages of Continuous ScvO2**
Outcomes using continuous central venous oxygen saturation versus standard central venous catheters in sepsis management
- Reduction in total hospital charges of $82,262 per case
- Decrease in hospital length-of-stay by 7.48 days

**Decrease in patient mortality rate**

<table>
<thead>
<tr>
<th>Continuous ScvO2 monitoring</th>
<th>Intermittent monitoring</th>
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<tbody>
<tr>
<td>26.5%</td>
<td>38.7%</td>
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**Increase in patients reaching six-hour goal**

<table>
<thead>
<tr>
<th>Continuous ScvO2 monitoring</th>
<th>Intermittent monitoring</th>
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<tbody>
<tr>
<td>75.7%</td>
<td>60.3%</td>
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**EV1000 clinical platform and Vigileo monitor**
The FloTrac sensor may be used with the EV1000 clinical platform and Vigileo monitor to continuously measure and display key flow parameters. The EV1000 clinical platform presents the physiologic status of the patient in an entirely new, intuitive way, and also works with the PreSep oximetry catheter.

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**Edwards real-time sepsis management**
The PreSep oximetry catheter and FloTrac sensor were created by Edwards Lifesciences, the world leader in hemodynamic monitoring and creator of the gold-standard Swan-Ganz pulmonary artery catheter. Both play an integral part in real-time goal-directed therapy and when used together, offer a clear path through sepsis.

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**Helping to advance the care of the critically ill for 40 years,**
**Edwards Lifesciences seeks to provide the valuable information you need,**
**the moment you need it. Through continuing collaboration with you,**
**ongoing education and our never-ending quest for advancement,**
**our goal is to deliver clarity in every moment.**

Visit [www.Edwards.com/Sepsis](http://www.Edwards.com/Sepsis) to learn more

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**Reference:**
† Derived with CVP.

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.

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