Early detection. It’s their best protection.

Continuous ScvO₂ monitoring with the PediaSat Oximetry Catheter
Are your vital signs telling you everything?

Valuable time may be lost before traditional vital signs or intermittent ScvO2 samplings indicate distress – potentially delaying intervention and putting the patient at greater risk.

The PediaSat oximetry catheter is the first oximetry catheter designed for pediatrics that can provide early indication of critical changes in a patient's clinical condition via continuous, real-time monitoring of oxygen delivery and consumption.1,3

**ScvO2** = Early Warning and Prevention

Continuous monitoring of oxygen delivery and consumption allows for the identification of shock states and provides a real-time guide to the efficacy of intervention.3

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**Helps guide therapy and enables early intervention**
- Detect acute changes in systemic oxygen delivery and extraction
- Reduce surgical morbidity and mortality in patients with congenital heart disease1,3
- Identify life-threatening decreases in systemic oxygen delivery that otherwise would not be identified using intermittent sampling8
- Optimize hemodynamic support of pediatric and neonatal septic shock patients in accordance with ACCM-PALS Clinical Practice Parameters8
- Reduce mortality by 27% in pediatric patients with severe sepsis and septic shock when used with Early Goal-Directed Therapy1,3
- Minimize blood loss and risk of infection due to frequent diagnostic sampling8
- Evaluate effects of routine interventions (e.g., suctioning, bathing, turning)11

**Monitors complex pediatric patients**
- Congenital heart disease and other complex cardiac patients
- Sepsis and septic shock
- Trauma and brain injuries
- Pulmonary disease / ARDS
- Hematology / oncology patients
- Transplants
- Other high-risk patients

For over 30 years, Edwards Lifesciences has been helping critical care clinicians worldwide. From developing the gold standard Swan-Ganz catheter, to offering the first oximetry catheter designed specifically for pediatrics, Edwards continues its heritage as a global leader in hemodynamic monitoring and patient insight.

Visit www.Edwards.com/PediaSat or call us at 800.424.3278 for more information.
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**ScvO2 = Early Warning and Prevention**

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<th>Parameter</th>
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<th>Description</th>
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Continuous monitoring of oxygen delivery and consumption allows for the identification of shock states and provides a real-time guide to the efficacy of intervention.1,2

**ScvO2** = Early Warning and Prevention

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- Sepsis and septic shock
- Trauma and brain injuries
- Pulmonary disease / ARDS
- Hematology / oncology patients
- Transplants
- Other high-risk patients

Convenient, accurate and easy-to-use

- Continuous venous oxygen saturation (ScvO2) monitoring, pressure monitoring and fluid resuscitation
- Accurate versus CO-oximeter
- Flexibility to be used via typical pediatric insertion sites including: subclavian, internal jugular and femoral
- Simple to use – uses same insertion techniques as that of central lines
- Multiple lumens to monitor and administer medications
- Pediatric oximetry catheter is designed for use with Edwards oximetry monitors and optical cables

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Chief Cardio Anesthesiology, Edwards Lifesciences, Redlands, CA

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**References:**


Are your vital signs telling you everything?

Are your vital signs intermittent? ScvO2 values may be lost before traditional vital signs have a chance to reflect your patient's needs.

The PediaSat oximetry catheter is the first monitor designed specifically for pediatrics, reducing mortality by 27% in pediatric patients with severe sepsis and septic shock when used with Early Goal-Directed Therapy™.

• Continuous measurement of oxygen delivery and extraction
• Detects acute changes in systemic oxygen saturation early
• Monitors complex pediatric patients
• Evaluates effects of routine interventions
• Identifies life-threatening decreases in systemic oxygen delivery that otherwise would not be detected

Ordering information:
Visit www.Edwards.com/PediaSat or call us at 800.424.3278 for more information.

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Vigileo monitor product specifications

<table>
<thead>
<tr>
<th>Output</th>
<th>Digital input/output, serial communication interface (RS232)</th>
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<tbody>
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Vigileo monitor specifications

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</tr>
</tbody>
</table>

References:


Other high-risk patients

- Hematology / oncology patients
- Pulmonary disease / ARDS
- Sepsis and septic shock
- Severe heart failure
- Congenital heart patients
- Other high-risk patients

Hematology / Oncology

- Palliation of congenital heart disease
- Palliation of hypoplastic left heart syndrome
- Palliation of Norwood procedure

References: