Clarity for your complex pediatric patients.

PediaSat Oximetry Catheter
Continuous, real-time monitoring of central venous oxygen saturation (ScvO₂) offers early recognition of critical changes in oxygen delivery that may not be identified by less sensitive indicators, such as traditional vital signs or intermittent sampling.1–3,5–10

Early indication of ScvO₂ offers you the clarity to detect and prevent tissue hypoxia sooner, by enabling early intervention.5–7,9–11

Fewer needle sticks for your smaller patients

The PediaSat oximetry catheter allows blood sampling without requiring patients to undergo multiple needle sticks, which minimizes blood loss and reduces the risk of infection associated with frequent diagnostic sampling.15–17

PediaSat oximetry catheter is the first and only pediatric oximetry catheter with continuous ScvO₂ monitoring to help you stay ahead of hypoxia and stages of sepsis.1–4

Continuous ScvO₂ monitoring
Early warning of oxygen imbalance5–7,9–11

Hemodynamic trends

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0 Hour 1.5 Hours 3 Hours

Helps guide therapy and provide real-time insight into the efficacy of intervention.5–6,12

Essential in defining the adequacy of cardiac output,5–9 continuous ScvO₂ monitoring allows immediate assessment of your patient’s clinical response to therapy.12

Make proactive clinical decisions.
- Optimize hemodynamic management of pediatric and neonatal septic shock patients in accordance with ACCM-PALS Clinical Practice Parameters13
- Evaluate effects of routine interventions (including suctioning, bathing, turning)14

Fewer needle sticks for your smaller patients

The PediaSat oximetry catheter allows blood sampling without requiring patients to undergo multiple needle sticks, which minimizes blood loss and reduces the risk of infection associated with frequent diagnostic sampling.15–17
Continuous ScvO₂ monitoring offers clarity in your at-risk pediatric patients.

In combination with other surrogates of organ perfusion (vital signs, lactate, etc.), continuous monitoring of ScvO₂ can be used as a reliable indicator of cardiocirculatory function.¹⁸

ScvO₂ can optimize hemodynamic management in complex pediatric patients.

- Congenital heart disease and other complex cardiac patients¹⁹
- Sepsis and septic shock⁴
- Acute Respiratory Distress Syndrome (ARDS)¹⁴
- Other high-risk patients³,²⁰

Continuous ScvO₂ monitoring reveals the root cause of oxygen imbalance, enabling you to determine appropriate therapy.⁵,²⁰

Convenient, accurate and easy to use.¹⁶–¹⁸

PediaSat oximetry catheter provides:

- Simplicity and flexibility – uses the same insertion techniques as central lines in typical pediatric insertion sites, including subclavian and internal jugular
- Continuous ScvO₂ monitoring, pressure monitoring and fluid resuscitation
- Accurate oxygenation status⁵,¹⁷
- Double and triple lumens to monitor and administer solutions

PediaSat Oximetry Catheter
Double lumen
See clearly. Stay ahead.

Designed for use with Edwards Lifesciences monitoring platforms and Philips modules, the PediaSat oximetry catheter offers the clarity of an early warning. 5–7,9–11

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 continuing 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 www.Edwards.com/PediaSat

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Edwards Lifesciences devices placed on the European market, meet the essential requirements referred to in Article 3 of the Medical Device Directive 92/42/EEC, and bear the CE marking of conformity.

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References for Edwards PediaSat oximetry catheter brochure

17. Clinical PreSep PediaSat Clinical Evaluation Report
22. PediaSat Instructions For Use.
24. 24. FDA 510k EV1000 (K160552).

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