Clear information on oxygen usage in critical care

SvO₂ Venous Oxygen Saturation

Philips SvO₂ module provides continuous measurement of mixed venous oxygen saturation and central venous oxygen saturation* for adult and pediatric patients when used with Hospira, Inc. Oximetrix® technology. The optical module uses a fiber optic catheter inserted in the pulmonary artery to detect venous oxygen saturation levels.

Clinical measurements for critical care environments

Designed for use in critical care and surgical settings, SvO₂ technology is especially applicable for patients with hemodynamic instability, septic shock, high-risk cardiovascular conditions, severe burns, acute hypoxic respiratory failure, multi-system organ dysfunction, and other critical conditions.

The SvO₂ module detects clinically significant SvO₂ changes, which can be an early indicator of physiologic instability, thus allowing appropriate intervention.

The SvO₂ module provides an index of the oxygen balance, enabling you to compare your patient’s oxygen delivery (DO₂) and consumption (VO₂). When SvO₂ is used with SpO₂ on the patient monitor, the numerics and graphical trends for both measurements can be configured for side by side display for easy comparison and analysis.

Specific features include:
- SvO₂ numeric reported as a percentage
- Difference in arterial and venous oxygen saturation (SpO₂ – SvO₂) reported as a percentage
- Light intensity bar for evaluating catheter position
- SpO₂ and SvO₂ trended data
- SpO₂ – SvO₂ trended data, providing an estimation of the oxygen extraction ratio

* From IntelliVue monitors Rev. G.0
The M1021A module works with IntelliVue MP60/MP70 and MP90. It can measure \(SvO_2\) from Rev. A and higher. It can measure \(SvO_2\) and \(ScvO_2\) from Rev. G.0 and higher.

Please ask your sales representative for details on compatibility.

**Compatibility**

**Hospira, Inc. Supplies and Accessories**

The \(SvO_2\) module is compatible with Hospira, Inc. OXIMETRIX®3 Optical Module and specified Opticath® fiber-optic catheters.

**Philips Commitment to Measurement Technologies**

Philips is committed to providing best-in-class standard clinical measurements as well as innovative measurements to support clinicians’ decisions at the patient’s side.

- Maintaining and advancing the performance of existing, widely used standard-of-care measurements
- Investing heavily in research, development, and clinical validation of new, innovative parameters and algorithms
- Working with strategic partners to integrate next-generation measurements and technologies
- Providing interfaces to more than 100 third-party specialty measurement devices through the Philips VueLink module

For more information, visit: [www.philips.com/SvO2](http://www.philips.com/SvO2)

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**References**

