



Somanetics™*

INVOS™* Cerebral / Somatic Oximeter

Reflecting the color of life



COVIDIEN

Somanetics brings you... A Better Vital Sign

As the only simultaneous cerebral/somatic oximeter available, the INVOS Cerebral / Somatic System provides regional oxygen saturation (rSO₂) a simple, more sensitive indicator of ischemic complications. The INVOS Cerebral / Somatic System enables placement of up to four site-specific oxygenation sensors so you can detect and correct problems before they escalate—often earlier than with systemic vitals.

Two or four-channel monitoring modes:

- Augment cerebral monitoring with somatic monitoring
- More closely identify and manage regional oxygenation issues
- Ability to place up to four sensors for noninvasive, real-time blood oxygenation data on areas that interest you most
- Provide more objective data for use in customizing patient care



Other Enhancements:

- Larger screen display for easier viewing
- Video output to a second, remote monitor for visibility by the broader care team
- Improved data downloading via USB
- Enhanced user preferences
- Signal strength indicator to better reflect interference

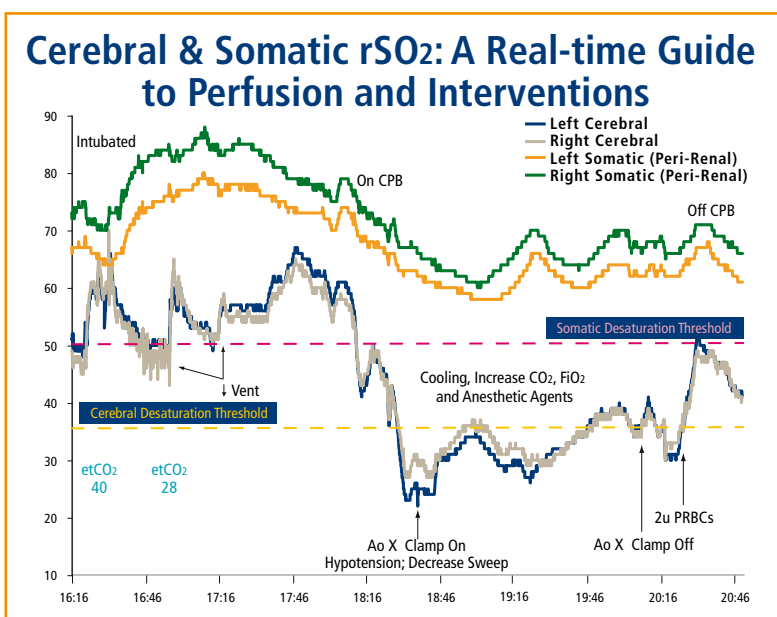
Indications for use:

The INVOS System is designed to noninvasively, directly and continuously measure and monitor changes in the approximate regional hemoglobin oxygen saturation in the blood in the brain of an individual. Since the hemoglobin in the sensor's field is made up of approximately 75% venous blood, 20% arterial blood and 5% capillary blood, the clinical interpretation of the readings is consistent with that of a venous measurement.

The device is intended for use on any and all patients for whom there is concern regarding the potential for cerebral oxygen imbalances. It is intended for use by trained medical personnel only.

It is also intended for use as an adjunct trend monitor of hemoglobin oxygen saturation of blood in a region of skeletal muscle tissue beneath the sensor of an individual at risk for reduced-flow or no-flow ischemic states.

Contraindications: None.



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