

Brain Function Monitoring

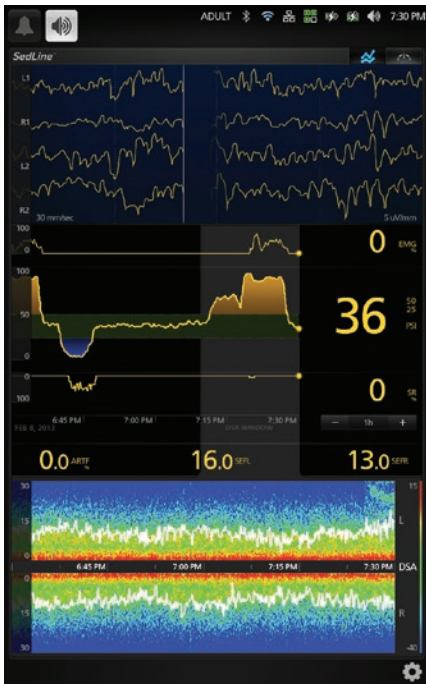
A more complete picture starts with more complete data



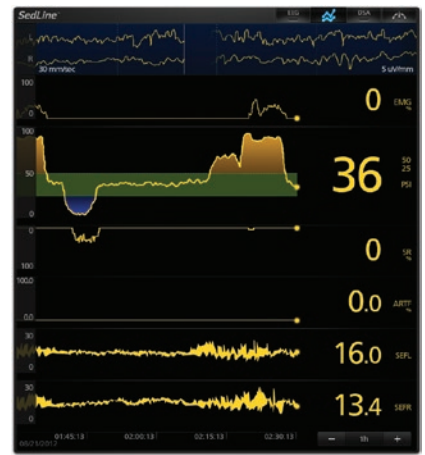
SedLine® brain function monitoring for the Root™ patient monitoring and connectivity platform helps clinicians improve anaesthetic management by enabling more individualised titration

- > 4 simultaneous EEG channels enable continuous assessment of both sides of the brain
- > A single sophisticated algorithm for Patient State Index (PSI™) provides information about a patient's response to anaesthesia
- > Superior resistance to electrocautery minimises signal drop out¹
- > Multiple screen views expand information while enabling customisation in the OR and ICU

MONITOR DISPLAY



- Real-time display of 4 simultaneous channels of EEG data
- Patient State Index (PSI) provides a continuous numeric value to help clinicians assess depth of sedation/anaesthesia¹
- Density Spectral Array (DSA) represents EEG power and provides easy-to-interpret, high-resolution of bi-hemispheric activity including asymmetry



Customisable trend and analog views allow for adaptability across the continuum of care

The SedLine sensor is designed for ease in application and enhanced patient comfort while ensuring the highest quality data.

- > 4 active leads collect higher volume of data in key areas of frontal lobe
- > Streamlined design for quick and easy application with no plastic disk to press



The SedLine module easily plugs into the Root patient monitoring platform via Masimo Open Connect (MOC-9™) ports

MODULE SPECIFICATIONS

PHYSICAL CHARACTERISTICS	ENVIRONMENTAL
Width..... 2 in	Module Operating Conditions
Length..... 4 in	Temperature at Ambient Humidity..... 5°C to 40°C
Thickness..... 3/4 in	Module Storage and Shipping Conditions
	Temperature at Ambient Humidity..... -40°C to 70°C
	Storage Humidity 15% to 95%, non-condensing
	Exposure to Pressure 500 to 1060 mbar

SENSOR SPECIFICATIONS

Active Electrodes..... L1, L2, R1, and R2	Biocompatibility..... Noncytotoxic, nonsensitizing, and not a primary skin irritant
Ground Electrode..... CB	Latex Content..... Does not contain natural rubber latex
Reference Electrode..... CT	Sterility Level..... Clean
Duration of Use..... Maximum of 24 hours	

Caution: For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions, and adverse events.

¹ White PF, et al. Is the Patient State Analyzer* with the PS Array a cost-effective alternative to the Bispectral Index Monitor during the perioperative period. *Anesth Analg.* 2004;99:1429-1435. Available online at <http://www.anesthesia-analgesia.org/cgi/content/full/99/5/1429>.

*This study compared SedLine's predecessor, the PSA 4000, to BIS XP. However, SedLine utilizes the same amplifier technology as the PSA 4000, and internal tests show that SedLine has even greater resistance to interference than the PSA 4000.