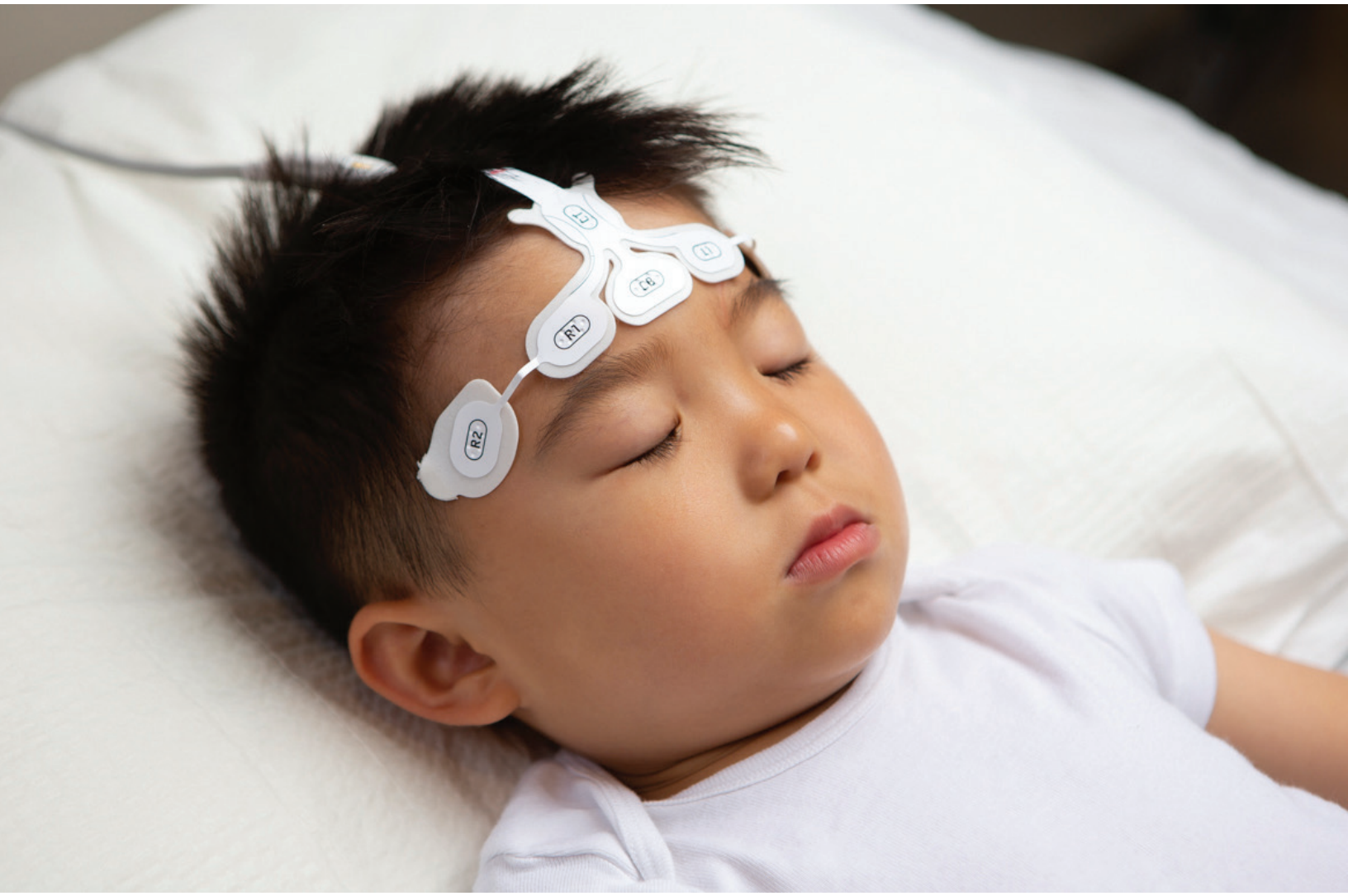
SedLine® Pediatric Application

Helping Clinicians Monitor the Depth of Sedation of Pediatric Patients

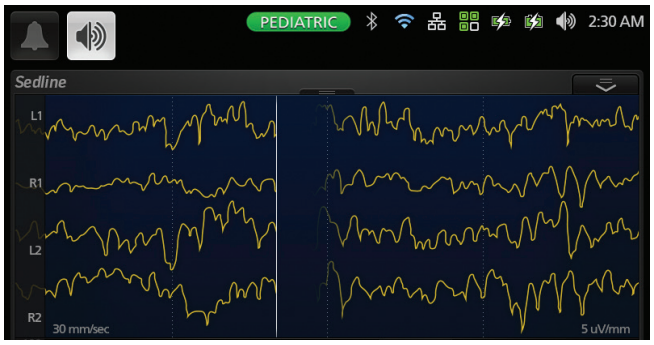


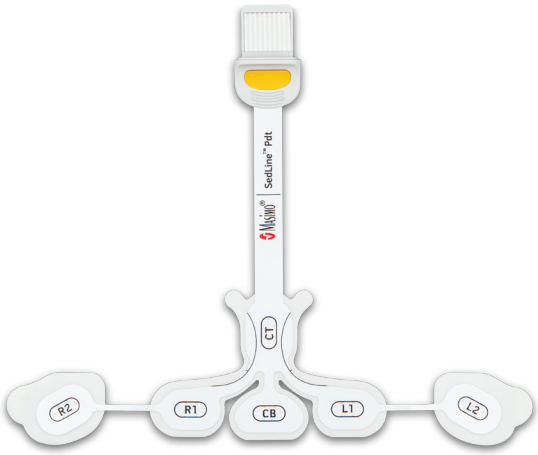
- The SedLine brain function monitoring platform has been expanded to allow monitoring of patients 1–17 years of age.
- Four simultaneous channels of frontal electroencephalogram (EEG) waveforms, enabling bilateral data acquisition and processing of EEG signals.
- An optional Multitaper Density Spectral Array (DSA), a visual display of the power of the EEG on both sides of the brain, provides a clear representation of spectral dynamics.[1]

Masimo

RD SedLine™ Pediatric Sensor

> Four active EEG leads provide bilateral brain monitoring, allowing clinicians to monitor the effects of anesthesia on both hemispheres.

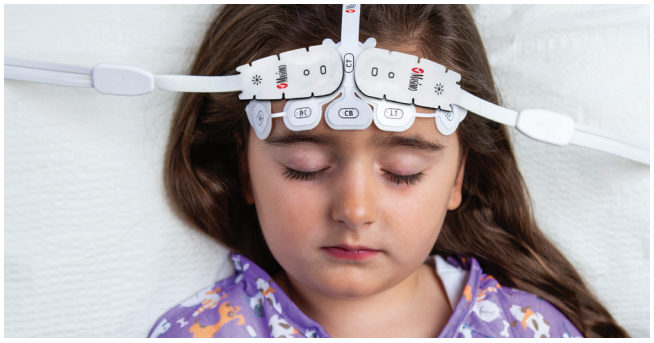




> Small size and soft foam pads allow for comfortable application on pediatric patients.

> Intuitive sensor application helps improve clinician workflows.

> Streamlined design allows for simultaneous application with O3® regional oximetry pediatric sensors, to provide a more complete picture of the brain.



RD SedLine Pediatric Sensor Specifications*

Age Range	1–17 yrs
Application Site	Forehead
Active Channels	4
Active Electrodes	(R1, R2, L1, L2)
Ground Electrode	CB
Reference Electrode	CT
Duration of Use	24 hours
Latex Content	Does not contain natural rubber latex
Storage Temperature	10–32° C

[1] Prerau, Michael J., Ritchie E. Brown, Matt T. Bianchi, Jeffrey M. Ellenbogen, and Patrick L. Purdon. Sleep neurophysiological dynamics through the lens of multitaper spectral analysis. *Physiology*. 32, no. 1 (2016): 60-92.

* SedLine pediatric sensor has a head circumference range of 40–54cm.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

Masimo U.S.
Tel: 1 877 4 Masimo
info-america@masimo.com

Masimo International
Tel: +41 32 720 1111
info-international@masimo.com

MASIMO

61526/PLM-13860A-0322