

Moberg CNS Monitor

Treating complex neuro patients requires real-time integrated neuromonitoring

State-of-the-art, time-synchronized, integrated clinical displays support rapid decision making. The CNS Monitor captures, stores, and analyzes multiple parameters including EEG to support bedside and remote patient care.

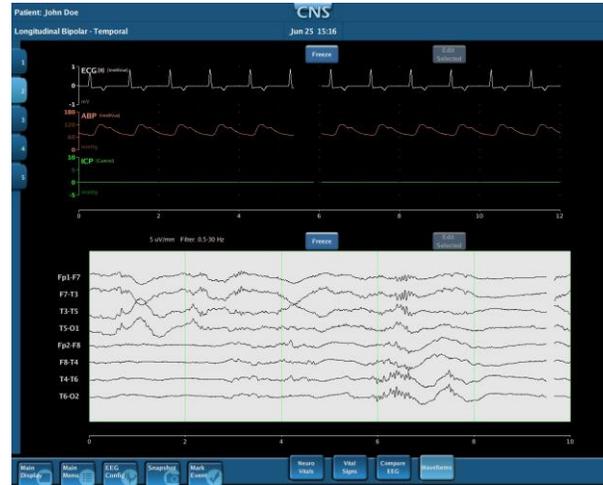


The focus of neurocritical care, which is the detection, prevention, and management of secondary brain injuries, “require[s] continuous, real-time monitoring of an array of physiologic parameters” (Sivaganesan, 2013).

BENEFITS & FEATURES

- Gain an advantage in the prevention, early detection, and treatment of secondary neuronal injury
- Reveal changes in intracranial dynamics
- View integrated displays at the bedside for immediate intervention
- Guide decisions about intensity and duration of therapy
- Customize protocols and displays to meet specific nursing needs
- Simultaneous backwards review during acquisition helps ensure efficiency and error-free charting
- Support communication with families, using integrated displays and animated tutorials
- Create the ultimate research tool by combining patient data with informatics and database solutions

The CNS Monitor is your ICU monitoring solution.



CNS Monitor displays include EEG, processed parameters, and other physiologic trends and waveforms.

- The CNS Monitor offers a turn-key solution to complex informatics challenges which would otherwise require significant overhead and IT investment.
- The CNS Monitor is a Linux-based patient monitor that supports connectivity with multiple external devices. The CNS Monitor interfaces with over 20 medical devices, offering support for approximately 200 physiologic measurements.

The CNS Monitor offers you more.

Definition

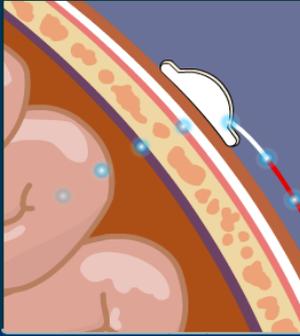
Similarities to ECG

Differences from ECG

EEG Descriptors

Frequency Characteristics

Definition



The electroencephalogram (EEG) is a recording of the potential difference between two electrodes attached to the scalp.

Screen 1 of 2

- Access extensive animated tutorials and context-sensitive help/troubleshooting
- Store all digital data for export and archive via network connection or portable media
- Compatible with Persyst
- Enables creation of a multimodal database of physiologic and phenotypic data which includes NINDS Common Data Elements

CNS Monitors offer extensive embedded multimedia including EEG theory and electrode application.