

Day One Medical Announces Launch of Advanced Brain Monitor for Critical Care

Ambler, PA – November 26, 2008 – Day One Medical has announced the release of its first product offering, The Component Neuromonitoring System™ (CNS Monitor), an easy-to-use neurological monitoring system with advanced functionality. The CNS Monitor has received 510(k) clearance from the U.S. Food and Drug Administration (FDA) and is available for purchase. Day One Medical will be featuring the CNS Monitor at the upcoming International Conference on Brain Monitoring & Neuroprotection in the Newborn in Orlando on February 20 – 22, 2009.

The CNS Monitor is a portable neurological data collection system. It can perform simplified EEG monitoring using just one or two channels, or can be used for full-array EEG monitoring with up to 16 electrodes. It can collect, store, and display vital signs and other measurements from a variety of patient monitors. An optional camera also allows the recording and display of patient video.

The CNS Monitor can compute and display amplitude-integrated EEG (aEEG), as well as other specialized EEG metrics including Spectral Edge Frequency, Inter-Burst Interval, Percent Suppression, Percent Asymmetry, and frequency band power percentages. Multiple display types and parameters can be combined onto one screen, enabling the comparison of EEG parameters with a patient's vital signs and other measurements. All collected data is time-synchronized, and can be archived to a CD, DVD, USB drive, or to a network location for later review.

The user interface and monitoring features are similar to a bedside patient monitor, making the CNS Monitor easy to use by clinical personnel. The use of monitoring "Protocols" within the system help to step the user through the monitoring process, and also enable the customization of data displays and recorded parameters. Context-sensitive reference information about device setup and operation may be accessed for assistance during the monitoring session.

By using the CNS Monitor, physicians and clinical staff will be able to simultaneously view, analyze, and record EEG (including video) along with vital signs measurements in order to assess the status of a patient's brain function.

The CNS Monitor was developed by Moberg Research, Inc. and will be sold for neonatal care applications through Day One Medical, LLC. Moberg Research performs research, product development, and services in the areas of neurological monitoring, informatics, and medical education. Day One Medical provides products for neonatal care and brain assessment and is an affiliate of Moberg Research, Inc.

The Component Neuromonitoring System is a trademark of Moberg Research, Inc.

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