

Day One Medical Announces Connectivity of CNS Monitor with Blanketrol Hyper-Hypothermia System

Ambler, PA – October 19, 2009 – Day One Medical has announced the development of an interface for the Component Neuromonitoring System™ (CNS Monitor) to collect temperature data from the Blanketrol® III hyper-hypothermia system. The Blanketrol III, sold by Cincinnati Sub Zero, Inc., can be used to provide whole-body therapeutic hypothermia for patient populations such as newborns with hypoxic-ischemic encephalopathy (HIE) and adults who have suffered a cardiac arrest. Therapeutic hypothermia is a treatment where a patient's body temperature is lowered for the purpose of protecting brain function.

With this new interface, the CNS Monitor can collect the temperature information available from the Blanketrol system, including its water temperature, set point temperature, and patient core temperature. These temperatures are stored simultaneously with other data collected by the CNS Monitor, such as standard vital signs and neurological measurements.

“By integrating the temperatures of the Blanketrol III with EEG and cardio-respiratory vital signs into the CNS Monitor, we will have the capacity to observe in a single ‘snapshot’ view all of the pertinent physiologic parameters and record those parameters in a time-synchronized fashion,” says Dr. Noah Cook, a neonatologist at the Children’s Hospital of Philadelphia. “The implications of this streamlined monitoring are enormous; I expect it will allow us to better understand the impact of temperature changes on other physiologic functions, and will provide the substrate for a multitude of potential analyses.”

Additionally, “I believe it will improve the accuracy of our bedside vital-sign data and reduce workload for our bedside nurses, who currently are recording water and patient core temperatures by hand,” stated Dr. Cook. “In all, I believe this technology will have the potential to greatly improve our clinical care of HIE patients and others within intensive care.”

About the CNS Monitor & Day One Medical

The Component Neuromonitoring System (CNS Monitor) is a portable neurological data collection system. It can directly record EEG and patient video, and can connect to a variety of monitoring systems to collect, store, and display vital signs and other available measurements.

The CNS Monitor was developed by Moberg Research, Inc. and is available 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. All other trademarks, service marks and company names are the property of their respective owners.

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