



CritiCool® & CureWrap System for Hypothermia in Neonates



CHANGING THE STANDARD OF CARE IN THE NICU FOR NEONATES WITH HIE (Hypoxic-ischemic encephalopathy)

Understanding the unique requirements of infant and pediatric care, MTRE presents a new and Innovative approach to temperature regulation.

The Criticool® provides a precise, non-invasive solution for whole body cooling therapies common during hospitalization in the NICU.

Clinical studies demonstrate that prolonged whole body hypothermia reduces the risk of death and improves neurological outcome in term newborns with moderate or severe hypoxic-ischemic encephalopathy. ⁽²⁾



"Simply Set, Wrap & Cool!"

Schedule a demonstration today!

1 800 837 5511 x200 + sales@vitalcareproducts.com



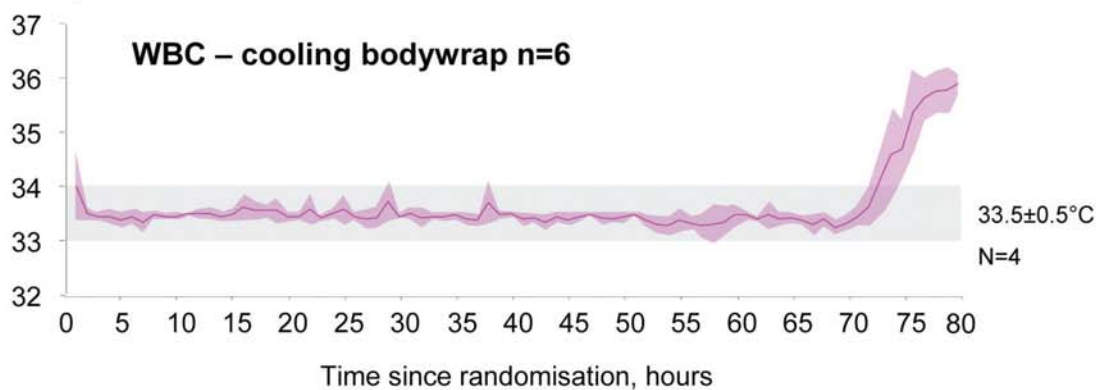


CLINICAL BENEFITS

- Improves neurodevelopment outcome and survival rates in asphyxiated babies
- Early intervention (within 6 hours of birth) improves outcome
- Whole body cooling provides homogenous cooling to peripheral and central brain structures.
- Criticool system with CureWraps maintain temperature precisely at target level during cooling and rewarming
- Prevents over cooling & over-warming

HYPOTHERMIA PROVEN SAFE & EFFECTIVE

Studies show strong evidence that hypothermia achieved within 6 hours of birth and maintained between 33.5-34.5°C for 72 hours improves the outcome of infants with moderate to severe HIE. ⁽¹⁾



Maintains core temperature at 32°-34° C for 72 hours⁽²⁾

In a randomized-controlled, multi-center, clinical trial, whole body hypothermia was shown to reduce the neurological damage associated with HIE in infants. ⁽¹⁾

SYSTEM COMPONENTS

Control Unit

- Intuitive user interface
- Precise control of patient core temperature by unique algorithm
- Automatic adjustment and monitoring
- Continuous temperature feedback
- 72h cooling therapy of a neonate with the CritiCool and CureWrap followed by gradual re-warming

CureWrap

- Body shaped 3 dimensional garment for intuitive use, designed for patient care and accessibility.
- Maximizes surface coverage to ensure optimal energy transfer
- Easy to re-apply
- Minimal staff labor
- Varying sizes, according to weight and height

508 - 03518..... CureWrap™ Infant, Up to 4Kg (8 / Box), Price per Box

508 - 03521..... CureWrap™ Infant, 4-7Kg (8 / Box), Price per Box

1. Shankaran et al, Whole-body hypothermia for neonates with encephalopathy, NEJM 2005; 353: 1574-84.

2. Thoresen M, Supportive Care During Neuroprotective Hypothermia in the Term Newborn: Adverse Effects and Their Prevention, Clin Perinatol 2008;35:749-769



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