

The Therapeutic Window for Induced Hypothermia – Within Grasp with CritiCool®

In their 2019 article “Neonatal encephalopathy and hypoxic-ischemic encephalopathy,” Gunn and Thoresen discuss compelling evidence that mild to moderate induced hypothermia improves survival and neurodevelopmental outcomes. They also review the highly consistent evidence that hypothermia must be started as early as possible.ⁱ

Being prepared to quickly manage and initiate treatment can be a challenge. NICUs gain a great advantage if the temperature regulation device is easy to operate and trusted.

With minimal buttons to press and an intuitive touchscreen that clearly displays exactly what you need to know, CritiCool makes it extremely quick and easy to get started. Integrated with the CritiCool is the CureWrap™ garment, which wraps around the patient. CureWrap’s versatility and flexibility provides caregivers full access to the patient, facilitates repositioning, and allows parents to hold their newborn without interrupting cooling.

CritiCool was used to cool infants safely within three hours of birth in a landmark study from 2013 that determined cooling should be initiated as soon as possible after birth in eligible infants.ⁱⁱ

Widely used in more than 50 countries, CritiCool is trusted to help neonatal teams around the world effectively control and manage therapeutic hypothermia.

Learn more online at www.BelmontMedTech.com or email us to schedule a virtual or in-person demo at NICU@BelmontMedTech.com



ⁱ Gunn and Thoresen. “Neonatal encephalopathy and hypoxic–ischemic encephalopathy.” Handbook of Clinical Neurology, Vol. 162 (3rd series), Chapter 10. Neonatal Neurology. 2019.

ⁱⁱ Thoresen, Marianne et al. “Time Is Brain: Starting Therapeutic Hypothermia within Three Hours after Birth Improves Motor Outcome in Asphyxiated Newborns.” Neonatology. 2013;104:228-233.