

The Three Layer Design Guarantees Close and Safe Contact with Patient's Skin During Therapeutic Hypothermia

- One-Piece** Body shaped garment that facilitates wrapping of your patient
- 85% body area coverage** Optimal conductive energy transfer
- Maximum heat transfer** High velocity flow rate for maximum heat transfer
- Precision** ThermoRegulates in concert with CritiCool
- Soft mesh garment** Biocompatible, Latex Free
- Uncomplicated** Secured by Hook and Loop strips
- Re-apply** Permits patient handling and skin supervision.
- Safe** Irritation free
- Anywhere, Anytime** Safe in X-ray, Cath Lab, CT scan, MRI and during defibrillation
- Risk Free** Avoid risk of infections and complications associated with invasive cooling options
- Clutter free** One tube (with Double or triple inlets)
- Disposable** No infection issues
- We fit all** - Varying Pediatric and Neonatal sizes, according to weight and Height
- One size for all adults



CritiCool Transportation Kit Unit

The CritiCool can be assembled easily in an Ambulance or Helicopter to enable easy transfer of critical Patients during Hypothermia treatment.

The kit is composed of 3 components:

1. Ambulance Floor Bracket Assembly
2. Trolley Assembly
3. CritiCool Lower Lock Mount Assembly



CliniLogger

CliniLogger collects data from the CritiCool thus enabling to see charts and graphs of the Thermoregulation Data. Patient's Temperature, machine modes and alarms, target temperature etc. can be analysed for post treatment review and training on your PC.

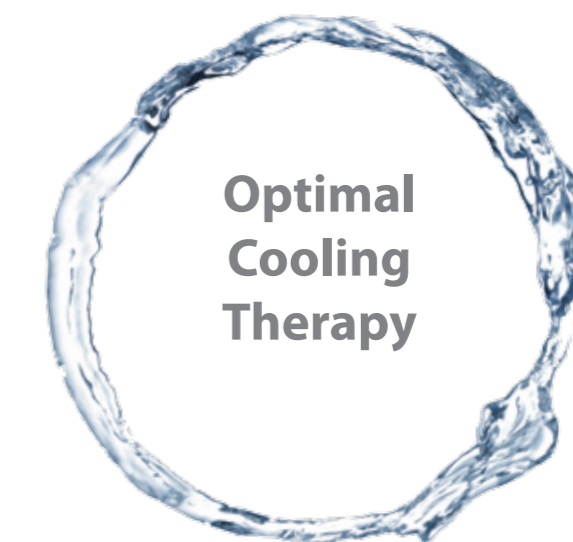
CliniLogger Viewer

The CliniLogger viewer is a software package supplied with the CliniLogger, to be used on a PC to view and record the whole thermoregulation treatment.

It displays the changes of temperatures over time with the capability to zoom interesting sections of the thermoregulation process



Innovative ThermoRegulation Solutions for Hypothermia Management



THERAPEUTIC HYPOTHERMIA FACTS

Hypothermia is the Coolest Treatment for Brain Protection

Today, cooling therapy is used for Neuro Protection in various Clinical settings post brain ischemia. The protective effects of hypothermia are multiple

Cooling Improves Neurological Outcome and Reduces Mortality

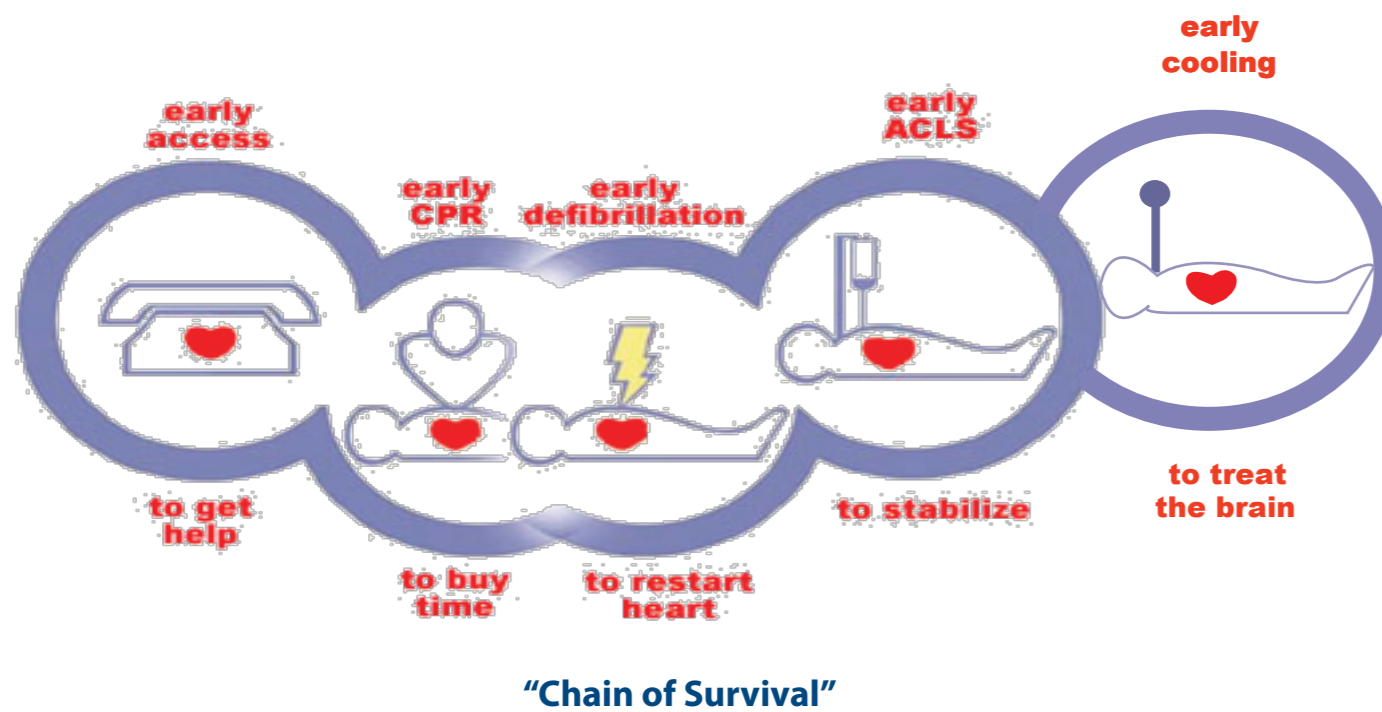
Clinical Studies show that Hypothermia Treatment is a fundamental treatment component

Cardiac Arrest – The ILCOR, guidelines endorsed the use of therapeutic Hypothermia for Cardiac Arrest survivors i-iii. Hypothermia for 12h-24h has become routine practice in medical centers worldwide.

Birth Asphyxia – Evidence shows that induced hypothermia significantly improves survival and neurodevelopment outcome of neonates with Hypoxic Ischemic Encephalopathy (HIE). "Infants born at term or near term with evolving moderate to severe HIE should be offered therapeutic hypothermia" for up to 72 hours.

Traumatic Brain Injury (TBI) - Studies have shown that hypothermia induction results in improved patient outcome by significantly reducing ICP and limiting secondary brain injury ⁴.

Stroke Several small studies have shown the safety and feasibility of Hypothermia in Stroke Patients with a higher survival rate following TH treatment . Large Trials are under way to further assess the feasibility and favorable effects of cooling in Ischemic Stroke patients⁵.



CRITICOOL SYSTEM

The Most Effective Non-Invasive Approach to Cooling Therapy
With CritiCool*, Hypothermia Treatment has Never Been Easier.

Optimal Solution for Cooling Therapy (FDA Cleared)

Cool Fast

CritiCool is the Optimal solution for early initiation of cooling therapy during transport or within minutes of patients arrival to hospital.

Controlled and Gradual Rewarming

Controlled re-warming is an important step of any Hypothermia treatment in order to significantly reduce a rebound intracranial pressure. CritiCool actively controls the process of rewarming and achieves a gradual increase in temperature.

Precise Control

CritiCool's algorithm for Core temperature control offers precise cooling to programmed Set Point temperature. Continuous temperature feedback from the patient to the controller enables automatic temperature regulation and monitoring; Staff labor is reduced significantly in Hypothermia Treatment Patients.

CRITICOOL PRO SYSTEM

An Integrated Temperature Management & Patient Monitoring System (FDA Cleared)

The CritiCool Pro combines all the advantages of CritiCool with Mennen Medical's VitaLogik Patient Monitor

Treat Precise Induced Hypothermia
 Slow and Gradual Rewarming

Monitor Complete Vital Signs and Waveforms,
 displayed on a 12" high resolution display

The CritiCool Pro has extensive storage capability of Full disclosure, Charts, Trends and Event Strips. Alarms with Status messages of all Vital signs and Parameters can be configured to the needs of the Clinician and Staff.

- » **A unique combination: Monitoring and Thermoregulation**
- » **Comprehensive Hypothermia Workstation**
- » **Increase Staff Convenience**
- » **Colorful, Touch Screen Display**



PATIENT MONITOR OPTION

CerebraLogik - Front End EEG Amplifier & aEEG (Mennen Medical, FDA Cleared)

The CerebraLogik is a two channel differential EEG amplifier that interfaces with VitaLogik monitors via the UIM input of the VitaLogik monitors. The EEG display shows real time EEG with 3 hours of Amplitude Integrated EEG – aEEG. The EEG and aEEG can be monitored, stored and displayed simultaneously with the other vital signs monitored on the VitaLogik. EEG and aEEG data can be exported from the monitor to a USB key and transferred to any PC. The CerebraLogik Viewer software, for PC, enables downloading patient's data in order to study sections or the complete procedure of the patient. Remote reviewing and storing of aEEG sections or full aEEG sessions of up to 7 days on a PC is easy and feasible with this tool.



SIMPLE. PRECISE. FAST.

