

# THE BRIDGE TO TARGETED TEMPERATURE MANAGEMENT™ IN JUST 10 SECONDS

FAST, EFFECTIVE COOLING SOLUTION FOR **EMERGENCY DEPARTMENTS**



THE CRYO COOLING ELEMENT  
COOLS NONINVASIVELY VIA  
THE CAROTID TRIANGLES.

EVERY 3.5 MINUTES, THE ENTIRE  
BLOOD SUPPLY PASSES THROUGH  
THE CAROTID TRIANGLES.

**PROVIDING THE  
BRIDGE TO  
TARGETED  
TEMPERATURE  
MANAGEMENT™**  
FROM EMS...  
TO EMERGENCY  
DEPARTMENT...  
TO CATH LAB  
& ICU.

## SIMPLE & FAST

Simply break the pack's inner pouch to activate its patented formula.

## COST-EFFECTIVE

The Cryo Cooling Element® is the most cost-effective method to initiate and continue cooling, whether prehospital use by EMS or in the ICU for fever control.

## SAFE & PROVEN

The Cryo Cooling Element® fits 2015 AHA Guidelines and has demonstrated patient cooling equal to chilled saline.<sup>1</sup>

*AHA strongly recommends  
against the use of Chilled Saline  
due to observed side effects.<sup>2</sup>*

## THE BRIDGE TO TTM™

1. Noninvasive prehospital brain cooling of OHCA survivors using the Excel Cryo Cooling Device Skulec, Roman et al. Resuscitation, Volume 96, 134.
2. American Heart Association 2015 Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care, Part 8.



C-Collar option shown, Cryothermic  
Wrap version also available

# Evidence Supports Early Cooling as an Alternative to Saline for SCA

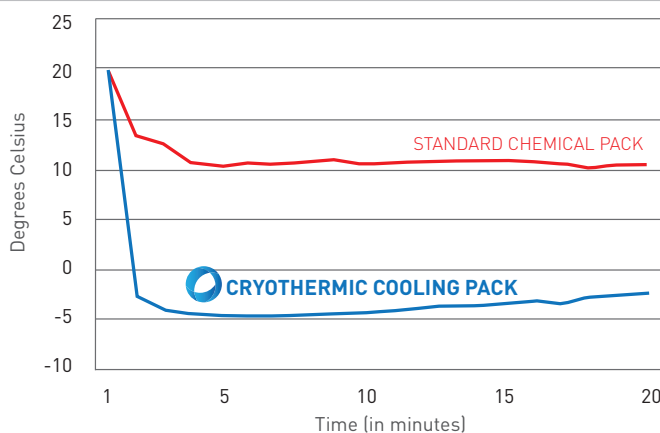
AMERICAN HEART ASSOCIATION GUIDELINES 2015



The Task Force recommends targeted temperature management for adults with out-of-hospital cardiac arrest with an initial shockable rhythm at a **constant temperature between 32°C and 36°C** for at least 24 hours. Similar suggestions are made for out-of-hospital cardiac arrest with a nonshockable rhythm and in-hospital cardiac arrest. The Task Force **recommends against prehospital cooling with rapid infusion of large volumes of cold intravenous fluid.**<sup>1</sup>



**NOT ALL  
COOLING  
PACKS ARE  
CREATED  
EQUAL**



**THE CRYO COOLING  
ELEMENT® IS 15°C  
COLDER THAN  
STANDARD ICE PACKS**

- Reaches -5.0°C in seconds
- Skin safe (proprietary fabric)
- 20-30 minutes below 0°C

## CRYO COOLING ELEMENT

*THE BRIDGE TO TTM™*

- NO SKIN IRRITATION
- PACK IS -5°C IN SECONDS
- SIMPLE & EFFECTIVE
- 20-30 MINUTES OF BELOW 0°C
- 15°C COLDER VS STANDARD PACKS
- FITS ED WORKFLOW

1. American Heart Association 2015 Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care, Part 8.

 **CRYOTHERMIC**  
SYSTEMS, INC.®

440-546-7120  
[www.cryothermicsystems.com](http://www.cryothermicsystems.com)