

# TREAT FEVER IN JUST 10 SECONDS

FAST, EFFECTIVE COOLING FOR INTENSIVE CARE UNITS



THE CRYOTHERMIC COOLING PACK  
COOLS NON-INVASIVELY VIA THE  
NECK'S CAROTID TRIANGLE REGION.

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

***"Cryo is effective at  
fever reduction in  
patients with  
intermittent fever  
and saves on the  
need for definitive  
cooling techniques  
like Arctic Sun."***

**Debra E. Roberts, MD, PhD**  
Director, NeuroMedical ICU,  
University of Rochester  
Medical Center

## SIMPLE & FAST

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

## COST EFFECTIVE

The Cryo Cooling Element® is the most cost-effective method to treat fever in the ICU. Cryo can be used as adjunct to acetaminophen and may avoid expensive temperature management disposables.

## SAFE & PROVEN

The Cryo Cooling Element® fits AHA Guidelines and has demonstrated patient cooling 1°C - 3°C in just 20 minutes.



Cryo has consistently lowered patient temperatures **in over 20,000 uses** without any reported side effects or complications.

## APPLICATIONS

- Fever Control
- Avoid Fever Spikes as a Bridge to Imaging



Wrap and C-Collar options  
available to hold the cooling pack in place.

Cool the Blood. Cool the Body.  
**CRYOTHERMIC**  
SYSTEMS, INC.  
[www.cryothermicsystems.com](http://www.cryothermicsystems.com)

# THE BRIDGE TO TTM.™

**“With just a few trial uses of Cryo Cooling , we saved \$5400 in our ICU by avoiding the cost of Artic Sun. Cryo is an ideal solution for episodic fevers in our neuro ICU patients.”**

*Debra E. Roberts, MD, PhD Director, NeuroMedical ICU University of Rochester Medical Center*

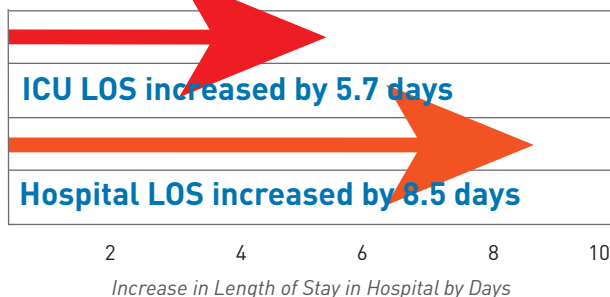
## ICU & HOSPITAL ECONOMIC IMPACT OF FEVER

Fever is detrimental in the setting of acute neurologic insults. Approximately 70% of Neurologic Intensive Care patients develop fever, yet most only last 2-3 hours.

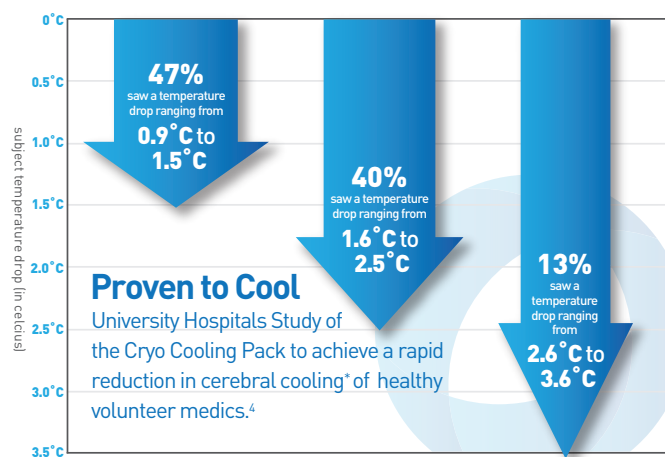
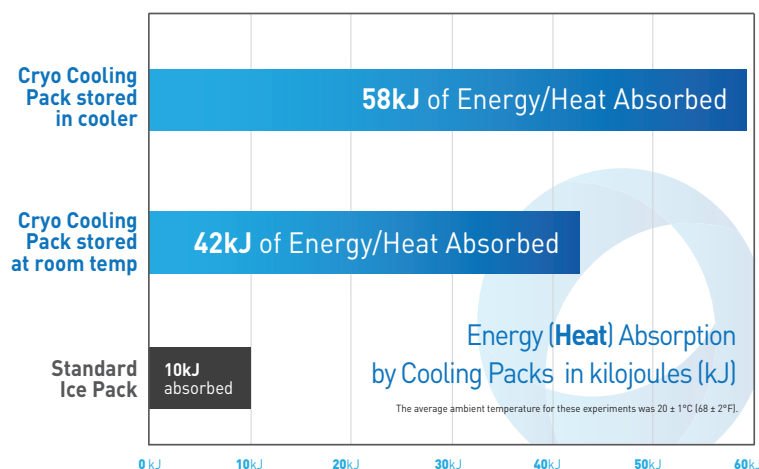
The increased length of stay due to fever equates to an estimate of \$10,074 in additional ICU costs and \$17,414 in additional hospital costs.\*

\*Reaven et al., 2008

**The presence of fever in ICU patients increases:**



**NOT ALL COOLING PACKS ARE CREATED EQUAL.**  
THE CRYOTHERMIC COOLING PACK IS **15°C COLDER** THAN STANDARD ICE PACKS!



\* Data evidence with One Cryothermic Cooling Pack placed on the Carotid Triangle Region, replaced every 20 minutes.

# CRYOTHERMIC COOLING PACK

- **100% SAFE** NO COMPLICATIONS REPORTED
- **PACK IS -5°C IN SECONDS**
- **SIMPLE & EFFECTIVE**
- **15°C COLDER VS STANDARD ICE PACKS**
- **NO SKIN IRRITATION**
- **20-60 MINUTES OF BELOW 0°C**

**Cool the Blood. Cool the Body.**

**CRYOTHERMIC SYSTEMS, INC.**

CYRO-115-WRAP	CRYOTHERMIC WRAP W/5 CRYO COOLING ELEMENTS (CASE OF 4)
CYRO-112-WRAP	CRYOTHERMIC WRAP W/2 CRYO COOLING ELEMENTS (CASE OF 6)
EXS-111-15	CRYO COOLING ELEMENT (CASE OF 15)

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



**cryothermicsystems.com** Proudly made in the USA

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Cryo Products are FDA registered and have CE Mark registration with compliant Quality Management System and medical device tracking.