

# Advanced Therapy

SIMPLY ADVANCED.™

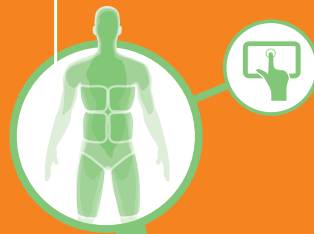
ARCTIC SUN® 5000  
TEMPERATURE MANAGEMENT SYSTEM

THE ARCTIC SUN® TEMPERATURE MANAGEMENT SYSTEM is equivalent in time to target compared to Coolgard® catheters, without the invasiveness associated with cooling catheters.

## INDUCTION

No significant differences in **time to achieve target temperature.**

*Tomte, et. al. Critical Care Med 2011 Vol 39 No 3*



## MAINTENANCE

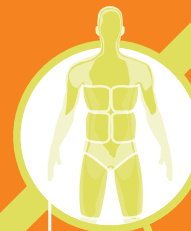
A retrospective study of 167 patients also showed no difference **in the rate of shivering** in surface-cooled or core cooled patients using deep sedation.

*Tomte, et. al. Critical Care Med 2011 Vol 39 No 3*



## REWARMING

The ARCTIC SUN® Temperature Management System can **rewarm patients as slowly as 0.01° C per hour.**



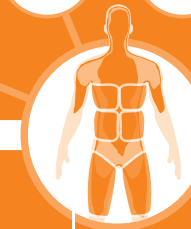
0.01°  
C  
HOUR

37°  
CELSIUS

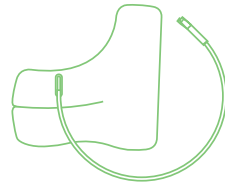


## NORMOTHERMIA

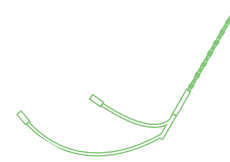
The ARCTICGEL™ Pads can be used up to 5 days and avoids risk of nosocomial infection associated with invasive cooling options.



# Here's the Difference:



**ARCTIC SUN® TEMPERATURE MANAGEMENT SYSTEM**



**Cooling Catheters**

<p><b>Patient trend indicator</b> The ability to show which direction the patient is trending with heat generation</p>		
<p><b>Non-invasive</b> Non-invasive treatment supporting CDC guidelines <i>CDC Guidelines for the Prevention of Intravascular Catheter-Related Infections, 2011</i></p>		
<p><b>Patient population</b> Offers a viable treatment option to a majority of patients <i>Simosa, et al., American Surgeon May 2007 Vol 73</i></p>		
<p><b>Average delay</b> Vverage delay to initiation of targeted temperature management <i>Arrich, et. al., Critical Care Med 2007 Vol 7. 35 No 4</i></p>	<p><b>&lt;10 mins.</b></p>	<p><b>75 mins.</b></p>
<p><b>Shiver management</b> Requires patients to be appropriately managed for shivering</p>		

## Indications for Use:

The ARCTIC SUN® Temperature Management System is a thermal regulating system, indicated for monitoring and controlling patient temperature.

### Contraindications

- There are no known contraindications for the use of a thermoregulatory system.
- Do not place ARCTICGEL™ Pads on skin that has signs of ulcerations, burns, hives or rash.
- While there are no known allergies to hydrogel materials, caution should be exercised with any patient with a history of skin allergies or sensitivities.

### Warnings

- When using the ARCTIC SUN® Temperature Management System, note that all other thermal conductive systems in use while warming or cooling with this device may interfere with patient temperature control.

### Cautions

- Due to underlying medical or physiological conditions, some patients are more susceptible to skin damage from pressure and heat or cold. Patients at risk include those with poor tissue perfusion or poor skin integrity due to diabetes, peripheral vascular disease, poor nutritional status, steroid use or high dose vasopressor therapy. Examine the patient's skin under the ARCTICGEL™ Pads.
- Skin injury may occur as a cumulative result of pressure, time and temperature.
- Carefully remove ARCTICGEL™ Pads from the patient's skin at the completion of use. Aggressive removal or removal of cold pads from the patient's skin may result in skin tears.
- The rate of temperature change and potentially the final achievable patient temperature is affected by many factors. Treatment application, monitoring and results are the responsibility of the attending physician. If the patient does not reach target temperature in a reasonable time or the patient is not able to be maintained at the target temperature, the skin may be exposed to low or high water temperatures for an extended period of time which may increase the risk for skin in .

Please consult package insert for more detailed safety information and instructions for use.

## BARDED | MEDICAL



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