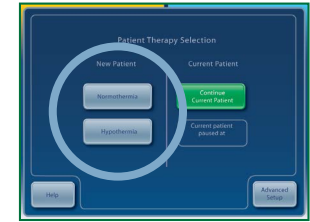




**Built in Training Module**

# ARCTIC SUN<sup>®</sup> 5000

TEMPERATURE MANAGEMENT SYSTEM



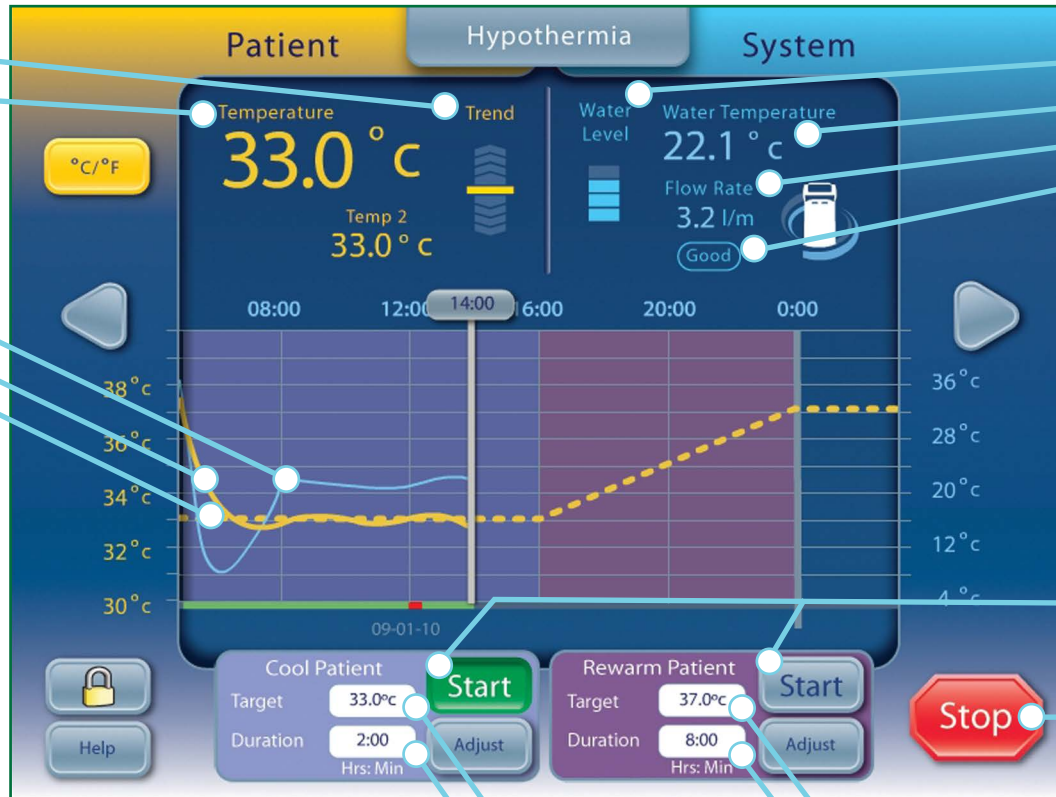
**Treatment Selection**

## Display Screen

**Patient Information**  
Trend Indicator  
Patient Temperature

**Instant Status Graph**  
Water Temperature  
Patient Temperature  
Treatment Plan

**System Information**  
Water Level  
Water Temperature  
Flow Rate  
Flow Status



**Therapy Control**  
Start Treatment

Stop

Protocol (preprogrammed)  
Time Remaining



321 South Taylor Ave., Suite 200  
Louisville, Colorado 80027 USA  
Phone: 800.526.4455  
Fax: 800.852.1339  
E-mail: bmd.cs@crbard.com

For immediate support while treating a patient  
contact the Helpline : **866.840.9776**

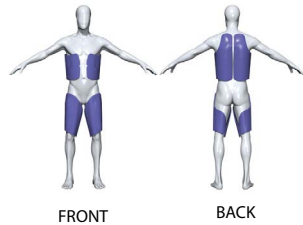
*The 24/7 Helpline is intended to assist healthcare professionals with technical questions they may have regarding the use of the ARCTIC SUN<sup>®</sup> Temperature Management System. While the Helpline is staffed by licensed critical care nurses, they are not able to provide medical or nursing advice or to prescribe treatment.*



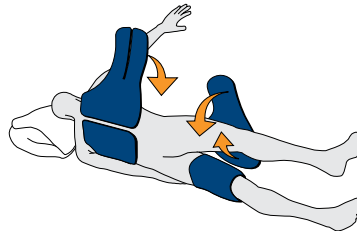
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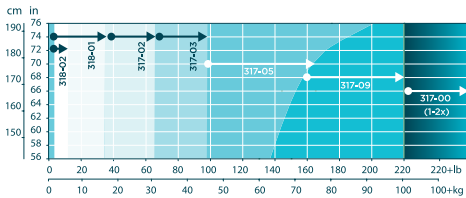
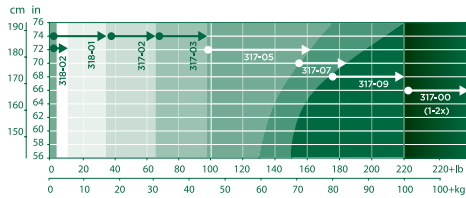
## ARCTICGEL™ Pad Placement



FRONT BACK



Initiate Treatment



**Select Treatment Option**  
(Hypothermia or Normothermia)

**Verify protocol settings**  
(adjust if necessary)

**Press Start**

## Patient Transport / End Therapy

- Press the stop button
- Empty pads
- Disconnect pads (pinch, push pull)
- Reconnect Pads (blue to blue / white to white)

### If device was left on:

- Verify protocol settings (adjust if necessary)
- Press the green start button

### If device was turned off:

- Power back up
- Press Continue Current Patient
- Verify protocol settings (adjust if necessary)
- Press the green start button

## ARCTIC SUN® 5000 Temperature Management System Competency

Task	Completed
Identifies appropriate patients to be placed on the ARCTIC SUN® device (as per hospital protocol)	<input type="checkbox"/>
<b>ARCTICGEL™ Pads</b>	
Describe essentials of pad placement and skin care	<input type="checkbox"/>
Describe how to safely remove the ARCTICGEL™ Pads.	<input type="checkbox"/>
<b>ARCTICGEL™ Pads</b>	
Device Set Up: Identify the fluid delivery line, temperature cable/probe, power cord, and fill tube.	<input type="checkbox"/>
Turn device ON	<input type="checkbox"/>
Unlock screen lock	<input type="checkbox"/>
<b>Interpret Display Screen</b>	
Patient Information	<input type="checkbox"/>
System Information	<input type="checkbox"/>
Therapy Graph	<input type="checkbox"/>
<b>Normothermia Therapy</b>	
Patient Therapy Selection: New Patient - Normothermia	<input type="checkbox"/>
Set and verify therapy settings: Target Temperature, Duration	<input type="checkbox"/>
Start treatment	<input type="checkbox"/>
<b>Hypothermia Therapy</b>	
Patient Therapy Selection: New Patient - Hypothermia	<input type="checkbox"/>
Set and verify therapy settings: Cool Patient: Target Temperature, Duration Rewarm Patient: Final Target Temperature, Rewarming Rate	<input type="checkbox"/>
Start treatment	<input type="checkbox"/>
<b>Interrupt / Complete Therapy</b>	
Empty Pads	<input type="checkbox"/>
Interrupt, transport and "Continue Current Patient"	<input type="checkbox"/>
End patient therapy	<input type="checkbox"/>
Fill Reservoir	<input type="checkbox"/>
Storage of hoses and cables	<input type="checkbox"/>
<b>Documentation</b>	
Water temp Q1-2 H, shivering, skin assessments, 2nd temp	<input type="checkbox"/>
<b>Access Help</b>	
Help and Help Index	<input type="checkbox"/>

**ARCTIC SUN® 5000**  
TEMPERATURE MANAGEMENT SYSTEM

**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 injury.

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