

Non-invasive treatment for neonatal patients that require precise temperature control.

The Arctic Sun™ Temperature Management System.



The Arctic Sun™ Temperature Management System in combination with the ArcticGel™ Pads offers a way to non-invasively control temperature within a narrow range.

The ArcticGel™ Neonatal Pad provides:

- Design allows open access to the patient's head and neck, anterior torso, arms and legs
- Unique flex-tab design allows the pad to be customized to each patient
- Single layer design promotes easy application and repositioning
- Used by top 20 Level IV NICU's according to US and News Report



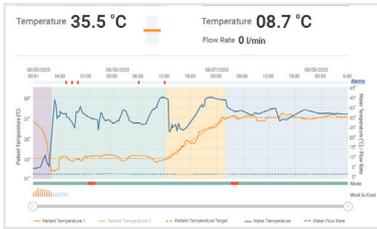
Arctic Sun™ Analytics Reports

Secure access to your hospital's Targeted Temperature Management (TTM) data

Detailed case summaries

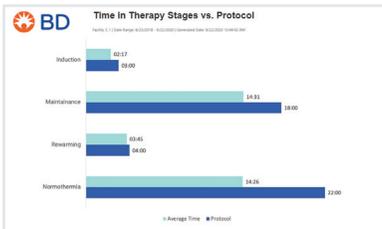
Debrief your recent cases to help you deliver better care.

Therapy Start	Therapy End	Therapy Duration	Patient	Protocol Name	Patient Outcome	Source	Status
05/11/19 08:18						WIFI	In progress
05/09/19 02:42						WIFI	
05/09/19 02:29	05/09/19 04:16	27:22		Hyperthermia 20	Survived	WIFI	verified
04/28/19 03:01	04/28/19 03:01	00:00		Hyperthermia 20	Survived	USB	verified
04/24/19 12:36	04/25/19 05:19	37:10		Normal 20	Survived	USB	verified
04/03/19 11:16	04/04/19 14:14	48:12		Cardiac 20	Survived	WIFI	verified
04/02/19 04:55	04/04/19 03:01	71:30		Normalthermia 20	Expired	USB	verified
04/19/19 02:22	04/19/19 02:43	08:22		Pediatric 24	Survived	USB	verified
04/19/19 07:34	04/19/19 03:22	52:16		Cardiac 26	USB	not verified	
04/19/19 07:34	04/19/19 03:22	37:48		Normalthermia 26	Survived	WIFI	verified
04/19/19 08:44	04/19/19 04:33	50:18		Pediatric 24	Expired	USB	verified
04/19/19 08:44	04/19/19 04:33	50:18		Hyperthermia 20	Survived	WIFI	verified
04/19/19 02:09	04/19/19 22:48	27:12		Cardiac 26	Survived	USB	verified



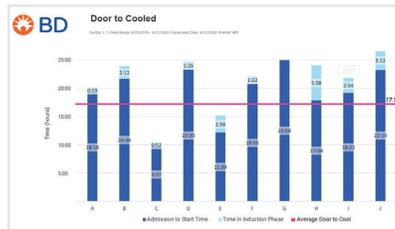
Case dashboard

Quick overview of your recent cases



Graphical formats

At-a-glance visual case representation



Time of therapy phase vs. protocol

This hypothetical graph represents the average time of therapy phases compared with the hospital protocol.*

Birth-to-Cool

Representative graph of time from hospital admission until target temperature is reached on the Arctic Sun™ Temperature Management System.*

Data insights

Support your continuous quality improvement initiatives

Customized reports could include:

- Insights to your team's performance on hospital protocol
- Data packet presentations to support your accreditations such as:
 - ◊ The Joint Commission resuscitation standards
 - ◊ Magnet project support
 - ◊ 24/7 remote access to case data



*All figures are for illustrative purposes only and are not based on actual hospital data.
*Arctic Sun™ Analytics subscription sold separately

The Arctic Sun™ Temperature Management System is a thermal regulating system, indicated for monitoring and controlling patient temperature in adult and pediatric patients of all ages.

Contraindications

- There are no known contraindications for the use of a non-invasive thermoregulatory system.
- Do not place ArcticGel™ pads on skin that has signs of ulcerations, burns, hives or rash.
- Do not remove the fabric release liner of the Neonatal ArcticGel™ pad and expose the hydrogel.
- Do not place ArcticGel™ pads on immature (non-keratinized) skin or premature babies.
- 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.

- The Arctic Sun™ Temperature Management System is not intended for use in the operating room environment.
- Medivance supplies temperature simulators (fixed value resistors) for testing, training and demonstration purposes. Never use this device, or other method, to circumvent the normal patient temperature feedback control when the system is connected to the patient. Doing so exposes the patient to the hazards associated with severe hypo- or hyper-thermia.

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 edema, 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.

Federal Law (USA) restricts this device to sale by or on the order of a physician.

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