

# Conductive Warming Blankets and Mattress Overlays



air-free  
PATIENT WARMING

HotDog delivers the **ABCs**:

## Air-Free

- Avoids airborne contamination from forced-air warming.
- 11+ studies show waste heat carries contaminants to the sterile field.

## Better Warming

- Warms above and below the patient simultaneously—far more effective.
- In multiple trials, HotDog has shown a 96.2% normothermia rate.\*

## Cost Effective

- Reduce per-patient warming costs by 10-50%.
- Easy-to-implement solution delivers immediate and long-term cost savings.

\*Internal data on file



Conductive Warming Blanket and Mattress Overlay



# Air-Free Patient Warming

## HotDog conductive-fabric, electric warming is efficient and safe

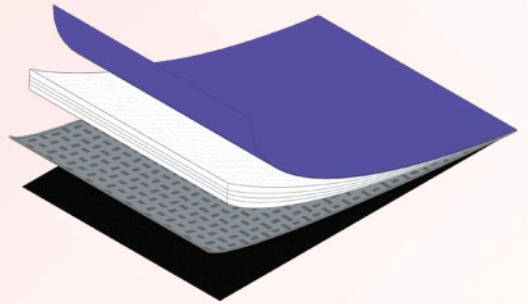
Here's how this state-of-the-art technology works...



**1** Controller with touchscreen interface delivers low-voltage direct current to blankets and mattresses with precise temperature control.

ThermAssure conductive fabric inside. The fabric's electrical resistance generates safe, uniform warmth for the patient.

**2**



### Breakthrough Technology

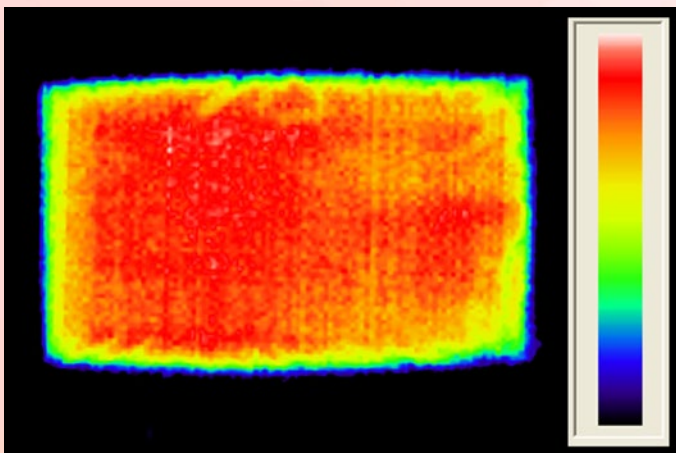
- 2.3x More Efficient Heat Transfer\*
- Flexible and Lightweight
- Radiolucent Heater

### Safe Warming

- Low Thermal Mass & Watt Density
- Uniform Heat Output
- Advanced Sensors

### Designed for Easy Cleaning

- Antimicrobial Embedded
- RF Sealed Edges (No Crevices)
- 30-month Life



Infra-red image of mattress showing uniform heat.

\*Bayazit Y, Sparrow EM. Energy efficiency comparison of forced-air versus resistance heating devices for perioperative hypothermia management. Energy 2010; 35(3):1211-15

# Air-Free Patient Warming

## Versatility

To meet your every need

Plastics  
Robotics  
Lithotomy  
Pediatrics

Spine  
CVOR  
Ortho  
Vascular

Transplant  
Trendelenburg  
Pre-/Post-Op  
And More...

Pre/Post-Op



Intra-Op Blankets



Warming Mattress Overlay



Supine



Lateral



Prone



The HotDog Patient Warming System is intended to prevent or treat hypothermia in circumstances in which patients may not maintain a state of normothermia.

# Air-Free Patient Warming

I love it. When I first started here, our patients would leave the OR at 34°C. Then we got Bair Hugger®, and it went up to 35.5°C. Now, with HotDog, our patients leave the OR at 36.7°C. I've never before seen patients leave the OR at that temperature. **I LOVE IT!**

-OR Nurse Manager  
North Carolina

We replaced forced-air warming with the HotDog system. The advantages of eliminating forced air blowing over surgical wounds are obvious and have been proven to be of **great advantage** in the medical literature and in our practice.

-Dr. L, Surgeon  
Toronto

Since converting to the HotDog Patient Warming System, our patients arrive in PACU normothermic, they emerge from anesthesia faster and in **less discomfort**, and are ready for **discharge sooner**.

-Dr. C, Physician  
Los Angeles

## HotDog vs. Competitors

|   | HotDog | Forced Air | Underbody Electric |
|---|--------|------------|--------------------|
| Effective Warming in Challenging Cases            | ✓      |            |                    |
| Air-Free (No disruption of airborne contaminants) | ✓      |            | ✓                  |
| Won't Incubate Bacteria                           | ✓      |            | ✓                  |
| Complete Warming Solution                         | ✓      | ✓          |                    |
| Easy to Clean and Reuse                           | ✓      |            | ✓                  |
| Quiet Operation                                   | ✓      |            | ✓                  |
| Fast Warm-up Time                                 | ✓      |            |                    |
| Environmentally Friendly                          | ✓      |            | ✓                  |
| Low Ongoing Costs                                 | ✓      |            | ✓                  |

## About Augustine Surgical, Inc.

Dr. Scott Augustine, inventor of the HotDog technology, is the world's expert in patient temperature management, having also invented Bair Hugger forced-air warming over 30 years ago. We are dedicated to improving patient care and patient safety through the products we create. Patient Safety is our Passion.

\*Augustine Temperature Management is a wholly owned subsidiary of Augustine Surgical, Inc.

\*Bair Hugger is a registered trademark of Arizant/3M.