Comfort and Clinical Warming Versatility Throughout the Perioperative Period
Today’s Bair Paws™ system offers comfort and select clinical warming options before, during and after surgery, all in one remarkably convenient product.

Only the Bair Paws system offers active, adjustable warming capabilities in a patient gown, allowing patients to adjust the temperature of the air flowing through the gown to a level that’s just right for them.

With its added clinical capabilities, the Bair Paws system makes continuous warming a snap. Our Bair Paws warming unit offers prewarming capabilities before surgery and may also be used for comfort warming in both pre- and post op settings. In addition, the gown is fully compatible with our Bair Hugger® warming units for the clinical needs of the OR and PACU.

**COMFORT + CLINICAL WARMING = CONVENIENCE**

**Effects of Anesthesia on Patient Temperature**

**NORMAL THERMOREGULATORY RESPONSE (Fig. 1)**
Under normal circumstances, the body controls its temperature within a very tight tolerance, with the core being 2-4°C warmer than the periphery. This temperature gradient between the core and the periphery is caused by normal thermoregulatory vasoconstriction.

**ANESTHESIA INDUCED RESPONSE (Fig’s. 2 & 3)**
Anesthesia causes vasodilation, which allows the warmer blood to flow freely from the core and mix with the blood from the cooler periphery. As the blood circulates, it cools until returning back to the heart where it causes a drop in temperature. This drop in temperature is called redistribution temperature drop.
Nationwide, more than 14 million patients suffer from hypothermia each year. And yet, inadvertent perioperative hypothermia has been called the most frequent, preventable complication of surgery.

Inadvertent hypothermia can be triggered by anesthesia. Surprisingly, it is estimated that only about 26% of surgeries deemed to be at risk of hypothermia actually receive active patient warming. In fact, clinicians typically evaluate the length of surgery and patient health status as indicators for patient warming.

While these are important factors, the most common cause of inadvertent hypothermia is the induction of anesthesia itself.

Studies have shown core hypothermia can develop rapidly in the hour immediately following the induction of anesthesia. In fact, research shows that in the first 60 minutes of anesthesia unwarmed surgical patients can lose up to 1.6˚ C.

Warming patients with the Bair Paws system prior to surgery can reduce core temperature drop during procedures up to one hour in duration by “banking” heat, or increasing the total heat content of the body. Even 15 minutes of prewarming adds to the total heat content of the body.

In addition, combining prewarming with the Bair Paws system with intraoperative forced-air warming also prevents unintended hypothermia for procedures lasting more than one hour.

**Characteristic Patterns of General Anesthesia Induced Hypothermia**

Hypothermia can develop in the hour immediately following the induction of anesthesia.

Parameter: 

- Temperature drop (T)

- Elapsed time (t)

RESPONSE WITH BAIR PAWS PREWARMING (Fig. 4)

Prewarming with the Bair Paws system can increase the temperature of peripheral tissues, limiting the amount of heat lost from the core through redistribution hypothermia. Following induction of anesthesia, vasodilation again increases blood flow, but the warmer periphery limits the blood’s rate of cooling and allows the blood to return to the core at a higher temperature.
DURING SURGERY

CLINICAL WARMING AT THE READY

When patients arrive in the OR wearing the Bair Paws warming gown, the surgical team has immediate access to a convenient, ready to use warming option. The gown’s clinical warming mode is ideal for head, neck, or extremity surgeries.

WARMTH FOR MORE PATIENTS.
Patients undergoing shorter procedures may not always receive intraoperative warming. Now, patients who arrive in the OR wearing the Bair Paws gown are ready for immediate warming without the hassle of extra steps or supplies. Just connect the gown to the Bair Hugger warming unit.

EASY. To activate clinical warming, just connect the gown’s shoulder hose port to a Bair Hugger warming unit. Bair Hugger warming units deliver clinically effective patient warming at safe air temperatures — and they are already available in most ORs.

PREVENTION IS THE BEST APPROACH. Hypothermia is easier to prevent than treat, and prevention is most effective when the warming begins in pre-op and immediately upon entering the OR. Surgical patients quickly lose body heat due to the cooler temperatures of the OR and prepping of the surgical site. The Bair Paws gown provides clinicians with the ability to immediately connect the patient to a Bair Hugger warming unit and maintain a favorable core temperature.
RELIABLE, TRUSTED WARMING.
The Bair Paws system was developed by the creators of forced-air warming — the Bair Hugger brand people. The Bair Paws gown is an intraoperative warming option in addition to forced-air warming blankets.

CLINICAL OUTCOMES

Studies have suggested that maintaining normothermia in some general type surgeries may yield positive results such as:

- Reduction in the rate of postoperative wound infections
- Decreased likelihood of postoperative myocardial infarction
- Decreased ICU time
- Shortened hospital length of stay
- Lowered mortality rates
- Reduction in the use of blood products
- Decreased likelihood of mechanical ventilation
- Reduced probability of needing a transfusion

Savings can range from $2,500 – $7,000 per patient!
AFTER SURGERY
VERSATILE WARMING OPTIONS

In PACU settings, the Bair Paws system can provide either clinical or comfort warming.

FOR UNCOMFORTABLE PATIENTS. Shivering or feeling cold after surgery is a common patient complaint. To provide comfort warming, simply attach the Bair Paws warming unit to the Bair Paws gown’s lower hose port. By providing patients with the system’s hand-held controller, they can adjust the temperature of the air flowing through the gown to a comfortable level. Patients are now in control of their own comfort.

FOR HYPOTHERMIC PATIENTS. Clinical warming is immediately available by connecting the gown’s shoulder hose port to a Bair Hugger warming unit.

KIT INCLUDES: patient warming gown, bonnet, booties, personal belongings bag, and shoe bag.

IT’S SOFT. IT’S WARM. IT COVERS.

The Bair Paws gown is easy for patients to put on and provides complete coverage to protect patient modesty. And unlike warmed cotton blankets, the Bair Paws gown starts warm and stays warm. Continuous warmth means fewer trips to the blanket warmer, fewer patient complaints about cold—and more time to spend on other patient-care matters. The Bair Paws gown is available in a kit, making folding, snapping and kitting supplies a thing of the past.

SINGLE-USE. Bair Paws gowns are single-use, each patient receives a fresh, new gown instead of something previously worn, stained or threadbare.

SOFT. The Bair Paws gown’s soft, thick and opaque material is comfortable to the touch.

ADJUSTABLE. The system’s hand-held temperature controller allows patients to adjust the gown’s air temperature to a comfortable level — not too hot, not too cold.

SIZED RIGHT. Patients of all sizes can enjoy a secure fit and good coverage with the system’s small, standard or XL gowns.
Good patient satisfaction scores can attract patients to your facility, contribute to staff retention and help overall profitability.

Research has shown that facilities with higher patient satisfaction scores tend to be more profitable than those with lower scores. Satisfied patients also influence the level of staff satisfaction. Patients themselves have identified “physical comfort” and “nurses’ concern for comfort” as key factors influencing their level of satisfaction.

Improved comfort measures can be an effective way to increase overall patient satisfaction.

HOW THE SYSTEM WORKS

Changing from comfort to clinical warming is easy. For comfort and prewarming, connect the Bair Paws warming unit to the gown’s lower hose port. For clinical warming, connect a Bair Hugger warming unit to the gown’s shoulder hose port. And because only health care professionals have access to Bair Hugger warming units, clinicians are in complete control of clinical warming.
PRODUCT SPECIFICATIONS

Bair Paws Warming Gown Sizes

Standard
51" long; 64" sweep

Small
44" long; 55" sweep

X-Large
51" long; 110" sweep

Model 850 Patient Warming Unit
Temperature: ambient to 40° ± 3°C
Alarms: over-temperature
Power: 110-120 VAC
Weight: 6.3 lbs
Mounting options: wall, bedrail, IV pole, flat surface

ORDERING INFORMATION

For more information about the Bair Paws patient adjustable warming system, please contact your Arizant Healthcare Inc. representative, call 1-800-733-7775 or visit us at www.bairpaws.com.

Patient Warming Gown
81001 Standard 30/case
81101 Small 20/case
81201 X-Large 20/case

Patient Warming Gown with Booties
83001 Standard 30/case
83101 Small 20/case
83201 X-Large 20/case

Patient Warming Gown Kit
84001 Standard 30/case
84101 Small 20/case
84201 X-Large 20/case

Kit includes patient warming gown, bonnet, booties, personal belongings bag and shoe bag.

Patient Booties
90065 Booties 30 pairs/case

SOURCES