

3M™ Bair Paws™ Flex Gown



# Comfort & Clinical Warming

Throughout  
the Surgical  
Journey



Lead  
The Way

**3M**

# Prewarming

## Stop Unintended Hypothermia Before it Begins

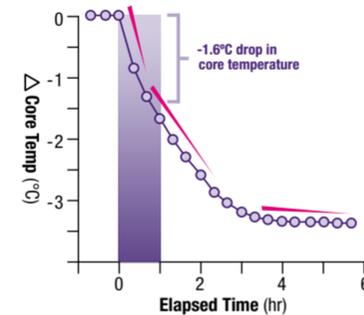
Unintended perioperative hypothermia is largely the result of anesthesia-induced redistribution of body heat that occurs during the first hour after anesthesia induction. Fortunately unintended hypothermia can be prevented, and prevention is most effective when the warming begins in pre-op.

Actively warming surgical patients before the induction of anesthesia – known as prewarming – is an effective way to help prevent intraoperative hypothermia. Forced-air warming is an active method of prewarming.

## Thermoregulation

Under normal circumstances, the body controls its temperature within a very tight tolerance, with the core being 2-4°C warmer than the periphery. However, research shows that in the first 60 minutes of anesthesia, unwarmed surgical patients can lose up to 1.6°C<sup>1</sup> as anesthesia-induced vasodilation allows the core's warmer blood to flow freely through the cooler periphery. As the blood circulates, it continues to cool before returning to the heart and reducing the core temperature. This decline in temperature is known as Redistribution Temperature Drop (RTD).

**Characteristic Patterns of General Anesthesia Induced Hypothermia\***

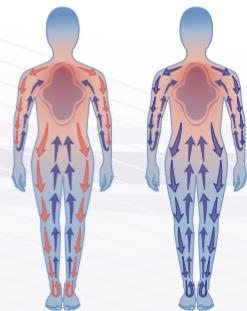


**Hypothermia can develop rapidly in the hour immediately following the induction of anesthesia**

\* Chart adapted from: Sessler DI. Perioperative Heat Balance. *Anesthesiology*, v92: No. 2, Feb. 2000.



Under normal conditions, the body regulates body temperature through the circulation of blood between the core and periphery.



The induction of anesthesia causes vasodilation, which allows warmer blood from the core to cool as it flows through the periphery. This cooler blood then returns to the core, lowering the body temperature.



Prewarming before surgery increases the peripheral temperature. When the warmer blood from the core flows through the periphery after anesthesia induction, the blood's rate of cooling is reduced and it returns to the core at a higher temperature.

# What Patients are Saying...

When was the last time a product moved you to contact the company and express appreciation? Patients who have used the Bair Paws gown often write us to share their experiences. Below are just a few of the comments we've received.

*"When my nurse started telling me about the gown, I entered euphoria. I never got one goose bump the whole time I was there. I was totally relaxed and happily warm! I thought, wow, they actually care about the patient's comfort. It's the little things that make a HUGE difference."*

- Patricia S., Bend, OR

*"The gown was thick, soft, and clean and I was so warm—it helped relax me. This has sent the pre- and post-surgery experience to a whole new level. Thanks."*

- Patricia D., Dowell, IL

*"I had surgery and that was the first time I had heard of the Bair Paws system. It was wonderful! Everyone gets nervous before surgery but with this system giving you a nice steady flow of warm air, it just seems to help calm the nerves. I have told all my friends to only have surgery where they offer the Bair Paws system; it really does make all the difference in the world."*

- Janice B., Bradley, SC

*"My physical comfort was increased 100%+ by the use of the Bair Paws system. Having been an OR nurse myself many years ago, I was very impressed with the level of comfort and security this system provided me – both pre-op, during the procedure, and post procedure. I know that the physical comfort provided helped allay my anxiety throughout."*

- Maryetta S., Honolulu, HI



Why warm?

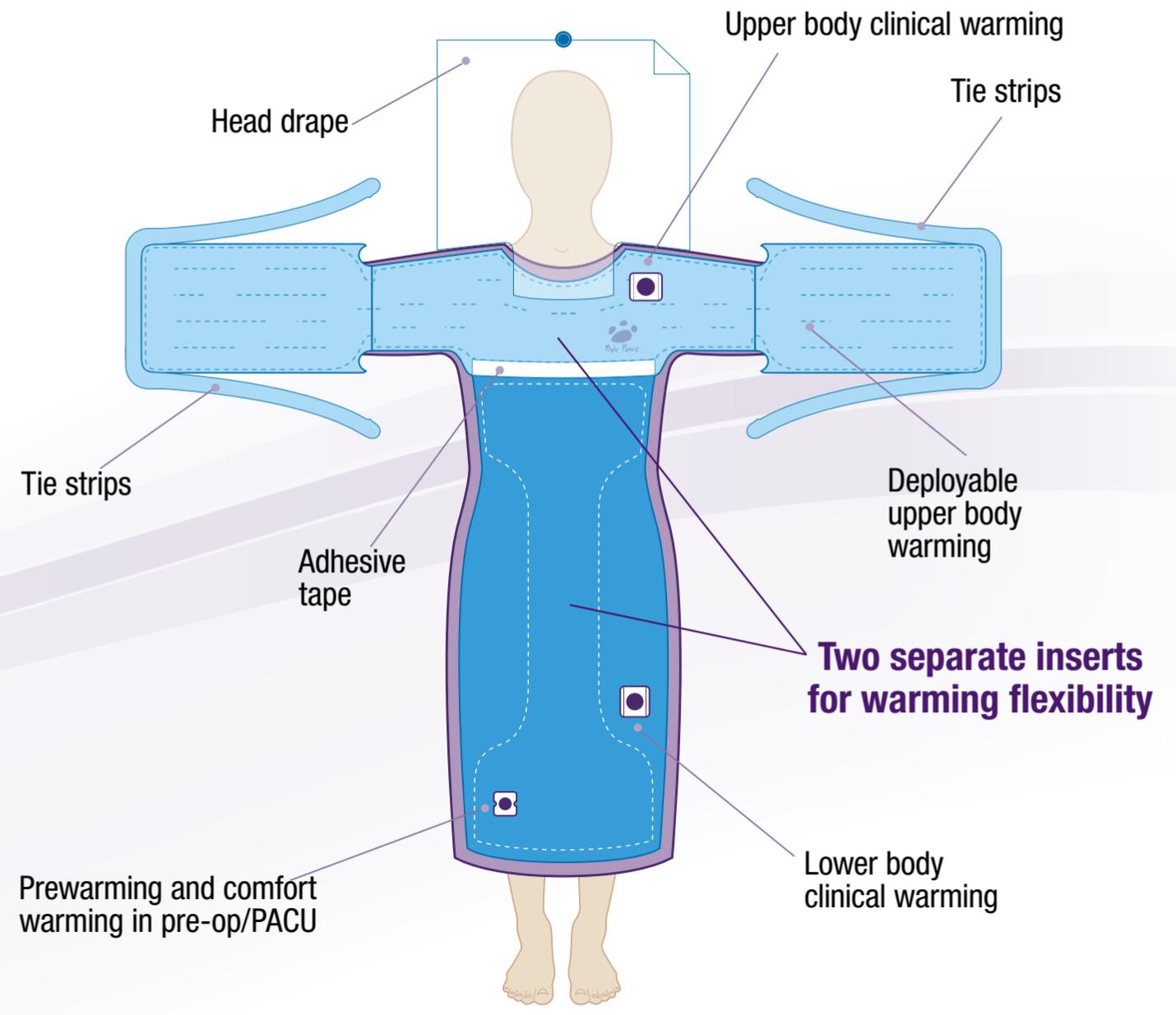
# Why Warm? Because Patients Deserve Comfort, Too

The clinical benefits of maintaining normothermia are well known. The 3M™ Bair Paws™ flex gown contributes to preventing and treating hypothermia, but it also enhances the patient experience. Consumer-directed healthcare plans and pay-for-performance measures increasingly emphasize the importance of patient satisfaction.

A recent survey of 2,000 U.S. patients revealed that the patient experience has the greatest influence on their choice of a hospital.<sup>2</sup> As competition for patients intensifies, high patient satisfaction can set a hospital apart from its competitor down the street, driving traffic and feeding the revenue stream.

The Bair Paws system provides an opportunity to exceed patient expectations by offering an unexpectedly positive experience when, and where, they least expect it. While it may look and feel like a luxury to your patients, the Bair Paws system may actually save you money as it helps create the best possible patient experience and ultimately, the best possible outcome.

## 3M™ Bair Paws™ Flex Gown



The 3M™ Bair Paws™ flex gown is a true revolution in patient warming combining the best of our most popular warming products: The Bair Paws warming gown and 3M™ Bair Hugger™ upper and lower body blankets.

While broad clinical flexibility is a key benefit of the Bair Paws flex gown, so is the practical economic approach of standardizing multiple warming methods into one gown that takes care of nearly all of your perioperative warming requirements.



# Patient Gowning, Clinical and Comfort Warming All in One Product

## Pre-op

Hypothermia is easier to prevent than treat, and prevention is most effective when the warming begins in pre-op and continues in the O.R. Surgical patients quickly lose body heat due to the induction of anesthesia; however, by prewarming, or adding to the heat content of the body before surgery, much of this temperature drop can be offset.



*Prone*



*Lateral*

# Lower Body Positioning Options



## O.R.

When patients arrive in the O.R. wearing the 3M™ Bair Paws™ flex warming gown, the surgical team has immediate access to convenient, ready-to-use warming options. Simply position the gown as required by the procedure and connect a 500- or 700-series 3M™ Bair Hugger™ warming unit to the proper hose port – only the insert you select will inflate.

## PACU

Post-op warming is readily available by simply re-attaching the Bair Paws warming unit to the gown. Clinical warming is also available by connecting the Bair Hugger warming unit to the gown's lower clinical hose port.

# Upper Body Gown Positioning



Upper body warming can be achieved with the 3M™ Bair Paws™ flex gown for patients in the supine and prone positions. When upper body clinical warming is required, clinicians can simply pull the tie-strip tabs inside the Bair Paws flex gown's sleeves to deploy a fully integrated upper body warming blanket. Just connect to a 3M™ Bair Hugger™ warming unit and you are ready to go.



# Lower Body Gown Positioning

A second clinical hose port into the lower portion of the Bair Paws flex gown simplifies clinician access for procedures requiring lower body warming.



Lower body warming with the Bair Paws flex gown may be used for patients in the supine, lateral and prone positions. The gown easily slides down once the patient has been positioned on the O.R. table. Simply fold back the upper insert, adhere the surgical tape and connect the Bair Hugger warming unit. Following surgery, the gown remains with the patient to provide comfort or clinical warming in PACU.





**Position**



**Fold Back**



**Tape**

You'll find all the same features of a 3M™ Bair Hugger™ upper body blanket, including surgical tape, head drape and perforated tie strips. Following surgery, these items may be removed by tearing the perforations. The patient is then ready for PACU, with both comfort and clinical warming still available through the gown's lower body insert.



**Drape**

# Upper Body Positioning Options

*Prone*



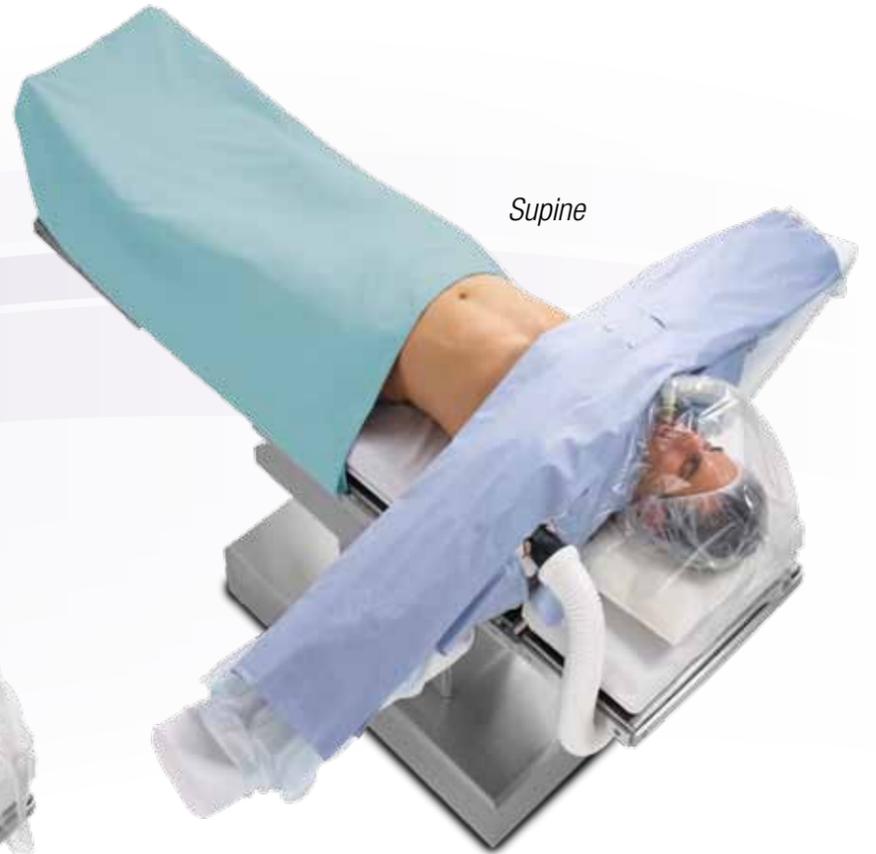
*Lateral*



*Supine, one arm tucked*



*Supine*



*Simply  
accordian-fold  
the gown from  
the bottom  
upward*



# 3M™ Bair Paws™ Patient Warming Unit/Model 87500

Dimensions	13h x 7.7w x 4d in (33h x 19.6w x 10.2 cm deep)
Weight	7.0 lb (3.2 kg)
Operating Temperatures	User adjustable from ambient to 43° ± 3°C
Filter	Dust filter
Device Ratings	110-120 VAC, 50/60 Hz, 4.6 Amperes; 220-240 VAC, 50/60 Hz, 2.8 Amperes

**Bair Paws Warming Unit Wall Mount**  
Model 90080



**Bair Paws Warming Unit IV Pole Mount**  
Model 90076



**Bair Paws Warming Unit Rail Mount**  
Model 90079



**Bair Paws Warming Unit Wall-to-Rail Mount**  
Model 90074



## Ordering Information

Product	Part Number	Sizes	Units
Patient Warming Gown	81103	Small (44" long; 55" sweep)	20/case
	81003	Standard (51" long; 64" sweep)	30/case
	81203	X-Large (51" long; 122" sweep)	20/case
Patient Warming Gown with Booties	83103	Small (44" long; 55" sweep)	20/case
	83003	Standard (51" long; 64" sweep)	30/case
	83203	X-Large (51" long; 122" sweep)	20/case
Patient Warming Gown Kit	84103	Small (44" long; 55" sweep)	20/case
	84003	Standard (51" long; 64" sweep)	30/case
	84203	X-Large (51" long; 122" sweep)	20/case
Patient Booties	90065	Standard Booties	30 pairs/case
	90091	XL Booties	30 pairs/case



*Gown kit includes patient warming gown, bonnet, booties, personal belongings bag and shoe bag.*

**For more information, please contact your 3M representative or call Customer Service at 1-800-228-3957.**

### References:

- Sessler, DI. Current Concepts: Mild Perioperative Hypothermia. *New England Journal of Medicine*, 336(24): 1730-1737; 1997.
- McKinsey & Company survey results. A Better Hospital Experience: A McKinsey survey of >2,000 U.S. patients with commercial insurance or Medicaid. *The McKinsey Quarterly*; Nov. 2007.



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