

Comforting warmth.



Warm your way to recovery.



The difference between a positive patient outcome and a complicated recovery can be a matter of degrees. Unintended perioperative hypothermia is a frequent, yet preventable, complication of surgery. It can increase the rate of wound infection (SSI)¹, extend recovery time² and length of stay¹, and increase mortality rates.³

However, hypothermia can be easily prevented when temperature is monitored and an active warming measure is instituted throughout the perioperative process — starting before the induction of anesthesia.

Maintaining normothermia can help avoid the potential cascade of negative outcomes associated with unintended hypothermia, including:⁴

- Increased risk of SSIs
- Blood loss and transfusion requirements
- Adverse cardiac events
- Decreased drug metabolism
- Shivering and thermal discomfort

The 3M Bair Hugger normothermia system provides a comprehensive solution that works seamlessly throughout the perioperative process to effectively and efficiently measure and manage patient temperature.



Measure to manage.

Temperature management is an essential component of patient care. Having reliable tools to maintain normothermia throughout the perioperative period helps safeguard your patients from the potential of dangerous complications. Your hospital's surgical team deserves every advantage to ensure the best results.

Monitor

Knowing your patient's core temperature at a glance can help you respond quickly to prevent and avoid complications. The 3M™ Bair Hugger™ temperature monitoring system offers an accurate, noninvasive, continuous method to easily measure core temperature throughout the perioperative journey.

Prewarm

Perioperative hypothermia is easier to prevent than treat. Prewarming with the Bair Hugger normothermia system before induction of anesthesia warms your patient's periphery, which can help reduce the drop in temperature caused by the redistribution of body heat during the first hour following anesthesia induction.

Maintain

Keeping your patient's temperature in optimal range helps prevent the potential for dangerous complications of perioperative hypothermia. The Bair Hugger normothermia system has a reliable, effective solution to maintain normothermia during every stage of the surgical journey.



More than

200 million patients

worldwide have been warmed by the 3M Bair Hugger normothermia system.

More than

170 studies

and over 60 randomized controlled clinical trials help document the Bair Hugger warming blanket system's efficacy and safety.

More than

80%

of all U.S. hospitals utilize 3M forced-air warming products to maintain normothermia.⁵

8 of the top 10

orthopedic hospitals⁶ trust the Bair Hugger warming blanket system for their patient warming needs.

A comprehensive solution for virtually every patient, every procedure, every time.

From noninvasive temperature monitoring and patient-pleasing warming gowns to the most extensive array of unique warming blankets, the 3M[™] Bair Hugger[™] normothermia system offers a complete temperature management portfolio.







Warming gown system

Getting your patients safely through surgery and on their way home takes clinical expertise, along with a dose of warm, caring encouragement that can help relieve the anxiety of the surgical process. The Bair Hugger warming gown system adds a new dimension to patient warming, providing clinical and comfort warming options in a single patient gown.

Warming blanket system

Warming patients who are undergoing surgery is important, but it should not be complicated. The Bair Hugger warming blanket system has demonstrated, flexible temperature management solutions designed to make your job easier by helping you deliver optimal care while maintaining normothermia.

Temperature monitoring system

Technology limitations and clinical needs force hospitals to stock and use multiple temperature monitoring methods. The Bair Hugger temperature monitoring system eliminates the variation in temperature readings due to device accuracy or technique and provides an accurate, noninvasive temperature measuring method that can be used throughout the perioperative environment and in any type of anesthesia.

Through effective design, the Bair Hugger normothermia system optimizes healthcare professionals' ability to maintain patient normothermia. From shortened hospital stays and reduced risk of SSI to fewer linens to launder, maintaining normothermia with the Bair Hugger system can make a positive and significant impact.





Raising the standard of care and comfort.

3M science changes people's lives for the better. By applying our knowledge to clinicians' needs, we have developed the broadest configuration of temperature management solutions. The 3M™ Bair Hugger™ normothermia system aims to standardize perioperative care worldwide, helping deliver positive patient experiences and outcomes.

Learn how the 3M Bair Hugger normothermia system can help your perioperative team.

bairhugger.com

References:

- 1. Kurz A, Sessler DI, Lenhardt R. Perioperative normothermia to reduce the incidence of surgical-wound infection and shorten hospitalization. Study of Wound Infection and Temperature Group. *N Engl J Med.* 1996;334(19):1209-1215.

 2. Lenhardt R, Marker E, Goll V, et al. Mild intraoperative hypothermia prolongs postanesthetic recovery. Anesthesiology.
- 1997;87(6):1318-1323.

 3. Bush HL Jr, Hydo LJ, et al. Hypothermia during elective abdominal aortic aneurysm repair: the high price of avoidable
- morbidity. *J Vasc Surg*. 1995;21:392-400; discussion 400-392 4. Sessler DI, Kurz A. Mild perioperative hypothermia. *Anesthesiology News*. October 2008:17-28.
- 5. 3M data on file.
- 6. *U.S. News & World Report*, Best Hospitals 2015-16. Available at: http://health.usnews.com/best-hospitals. Accessed on March 4, 2016.
- 7. Wilson I. Kolbaca I. Practical application of comfort theory in perianesthesia setting. *Journal of PeriAnesthesia Nursing*. 2004;19(3):164-173.



3M Medical 3M Center, Building 275-4E-01 St. Paul, MN 55144-1000 USA 800-228-3957 3m.com/medical