

# ALLON SYSTEM FOR NORMOTHERMIA MANAGEMENT

**"Standard of Care is to Monitor Temperature During General Anesthesia and to Maintain Normothermia".<sup>1</sup>**

## **SIMPLE. SAFE. EFFECTIVE**

The Allon is a revolutionary system that controls your patients temperature throughout all stages of surgery. The system consists of an algorithm driven heat pump that supplies warm or cold water to the ThermoWrap™ garment worn by the patient. The water temperature is determined as a function of the actual patient temperature and desired set point temperature. Core and surface temperature sensors provide continuous feedback to the central unit in order to regulate the heat pump and thereby the patient temperature. The anesthesiologist chooses the exact desired core temperature and the Allon does the rest.

- Set** Intuitive and Simple Setting of Patient Temperature Set Point
- Wrap** ThermoWrap is applied swiftly on Patient  
Maximum available patient coverage in surgery
- Maintain** Precise, Automatic patient temperature control  
Patient trend indicator

**Optimal Solution for  
Normothermia Maintenance**



# ALLON THERMOREGULATION SOLUTION

## OPTIMAL SOLUTION FOR NORMOTHERMIA MAINTENANCE DURING THE ENTIRE SURGICAL PROCEDURE

- Preoperatively** Optimal solution for early initiation of warming during preoperative preparations.
- Intra-Operatively** Eliminates this rapid decrease in core temperature.
- Post Operatively** Shortens recovery from anesthesia, reduces cardiac morbidity, surgical bleeding, wound infections, and postoperative shivering by reducing thermal stress events after extubation.



## CLINICALLY PROVEN AS EFFECTIVE FOR MAINTAINING NORMOTHERMIA IN YOUR SURGICAL PATIENTS

• **General Surgery:** "The investigated water warming system (Allon), by virtue of its ability to deliver heat to a greater percentage of the body, results in better maintenance of intraoperative normothermia"<sup>6</sup>

• **Cardiac surgery:** "The Allon system reduces the risks of hypothermia by successfully maintaining body temperature in a narrow normothermic range."<sup>3</sup>

• **Pediatric surgery:** "Allon system is more effective than warmed air device in maintaining normothermia in infants during major surgery. This safe, reliable and easy to use device keeps patient temperature within previously unattainable narrow range."<sup>2</sup>



1. Anesthesiol Clin. 2006 Dec;24(4):823-37.

2. Anesthesiology 2002; 96: A591.

3. Perioperative cardiac injury in patients undergoing coronary artery bypass grafting with or without cardiopulmonary bypass as evaluated by cardiac-specific troponin I values. ISMICS 2002.

4. J Thorac Cardiovasc Surg 2005;129:838-43.

5. Med Sci Monit. 2006 Jul;12(7):MT39-42.

6. Anesthesiology. 2001 Oct;95(4):868-74.

7. Anesthesiology News, Special Edition; 2008 Oct.

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