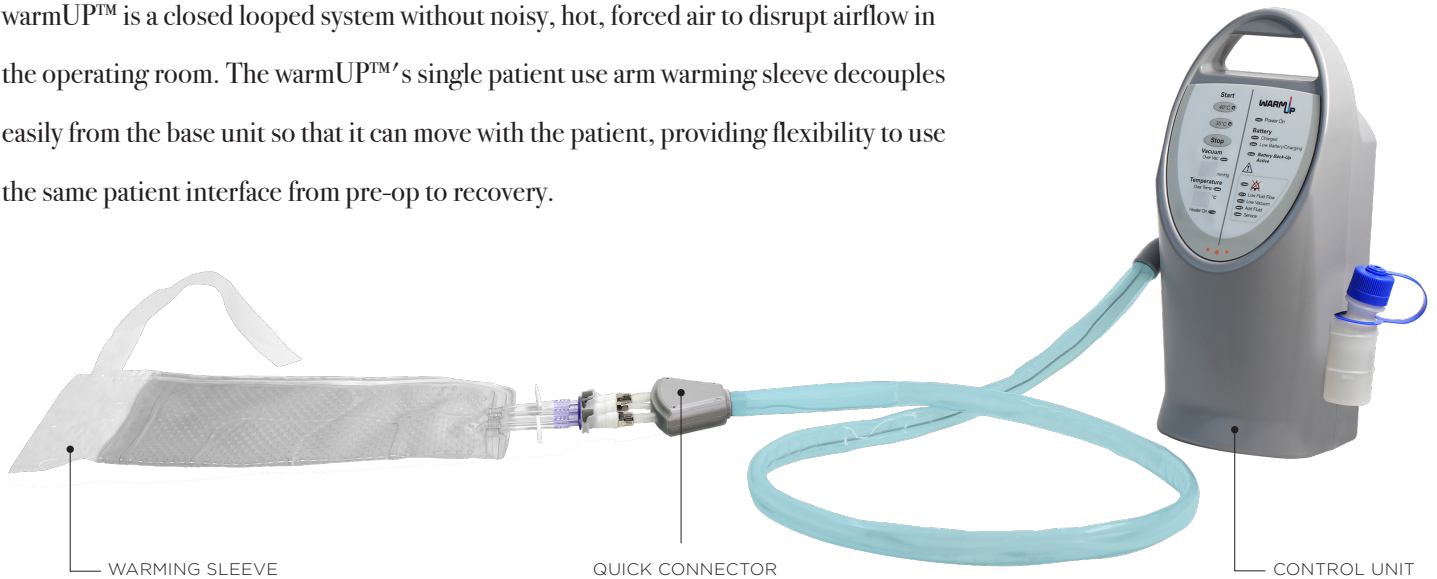




INNOVATIVE PATIENT WARMING DEVICE

# Warming at the CORE

The warmUP™ is a non-invasive fluid-based patient warming system that is FDA cleared to rapidly warm and enhance blood flow through the hand. During surgery the warmUP™ is a closed looped system without noisy, hot, forced air to disrupt airflow in the operating room. The warmUP™'s single patient use arm warming sleeve decouples easily from the base unit so that it can move with the patient, providing flexibility to use the same patient interface from pre-op to recovery.



## IMPACT TO SURGICAL SERVICES

### PERIOPERATIVE WARMING

Quick connect hose enables patients to move from pre-op to OR to PACU with a single warming sleeve.

### RISK MANAGEMENT

No blowing hot air or exhaust fans. Closed water system during surgery does not disrupt OR airflow. Minimize burn risk. Triple-redundant heat safety system limits max heat to 41°C.

### INVENTORY MANAGEMENT

Universal adult arm warming sleeve reduces SKU's - allowing for more efficient supply chain management and reduced carrying costs.

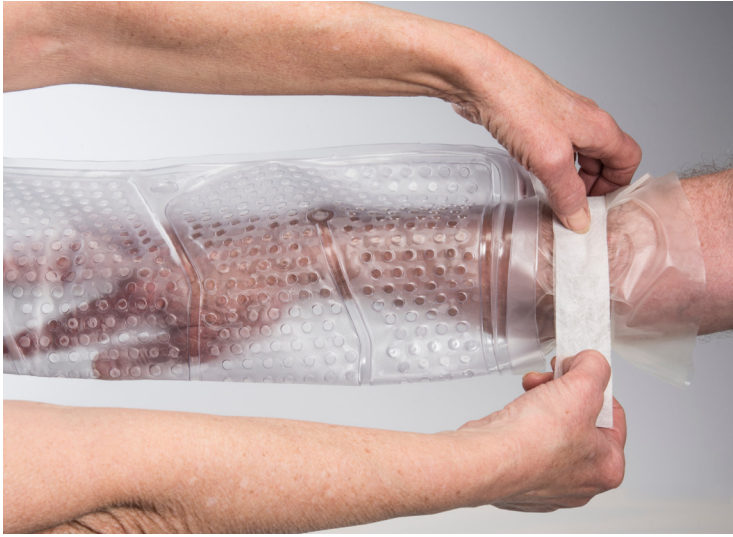
### INFECTION CONTROL

No HEPA filters to maintain and exchange. Easy to clean umbilical. Single-use patient interface.





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### HOW IT WORKS

Under general anesthesia a patient's core body temperature decreases and hypothermia can result. Also, the vasculature in the palms of the hands naturally vasodilate shunting blood flow to the surface of the palm. The *warmUP™* applies a mild vacuum which dramatically increases blood flow in the palm. By then perfusing a circulating water heat source, the *warmUP™* safely and non-invasively warms the blood flow in the palm. Today's existing non-invasive warming technologies must transfer heat into the core body through the thermal barrier of adipose tissue and muscle. With *warmUP™*, warmed blood flows directly back to the heart from the palm to efficiently maintain core body temperature.

These products described are covered by one or more of the following U.S. Patent Nos:  
U.S. Patent No. 8,603,150, U.S. Patent No. 9,463,134 / FDA-Cleared: SIO(K) K040911

CAUTION: Federal Law (USA) restricts this to sale by or on the order of a physician.  
See package insert for a complete listing of indications, contraindications, warnings and precautions.

HealthTrust Agreement Number - HPG-80630

### ARM WARMING SLEEVE

- Disposable, single patient use
- Universal adult size
- Covers one hand and forearm
- May be placed over an IV
- Part# WU-200L (25/box)



### CONTROL UNIT

- No forced air or exhaust fans
- Multiple redundant systems prevent overheating
- One button operation
- Quick connect umbilical hose easy to clean
- Can be IV pole mounted
- Part# WU-20 (1/box)



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