The principle of therapeutic hypothermia involves dropping body temperature from 37°C (98.6°F) to between 32°C (89.6°F) and 34°C (93.2°F) in an effort to cool vital organs to the point that they operate more slowly and require less oxygen.

The ThermoSuit System from Life Recovery Systems circulates ice water in direct contact with the patient’s skin to rapidly reduce core temperature.

As the applications for targeted temperature management are evolving, an increasing body of evidence supports the rationale for more rapid achievement of target therapeutic temperatures. This report examines the safety of a new technique for achieving rapid patient cooling (LRS Technical Report, January 2012).

**The ThermoSuit® Approach**

Temperature reduction in patients where clinically indicated, e.g., in hyperthermic patients.

Monitoring of patient temperature.

The ThermoSuit® Device (Size M) is indicated for patients greater than 58” (147 cm) and less than 75” (190 cm) in height, and less than 26” (66 cm) in width.

FDA-Cleared Indications for LRS Thermosuit® System (K061023)

- Core Body Temperature Reduced to 34°C in Just 30 Minutes
- Non-Invasive Cooling by Water Immersion
- Fast Set-Up/Removal Simple to Use
- Easy Patient Access
- Electronically Controlled for Unmatched Safety
- Patient Ready for Transport/Remains Cool For Hours After Removal From ThermoSuit®

**NEW White Paper!**

“Evidence Supporting the Safety of Rapid Patient Cooling”

Robert B. Schock, Ph.D.

From the Department of Research and Development, The Sid Wolvek Research Center, Life Recovery Systems HD LLC, Kinnelon, NJ USA

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