

MedicalDevice-News.com Announces 2009 Top 5 Devices

ThermoSuit by Life Recovery Systems makes the top 5 List. Visit this [link](#) to read the entire article.

A body-cooling suit



Medical Design Excellence Award winner of 2009, the ThermoSuit System (TSS) from Life Recovery Systems (LRS), is a rapid non-invasive patient cooling device that reduces the risk of brain or heart damage. The company's founders Robert Freedman Jr and Dr Robert Schock developed the product after realising the existing treatment was inadequate and that rapid cooling could improve outcomes of critically ill patients.

The TSS is designed to be easily and quickly applied by nursing staff and can cool the core temperature of a cardiac arrest, stroke or heart attack victim to 32–34°C in 30 minutes or less. Once cooled the vital organs operate more slowly and need less oxygen, which reduces the chance of brain or heat damage.

Strong clinical results, presented at the American Heart Association Scientific Sessions, demonstrated the positive impact that TSS will have on patients. "We are very happy to see such favourable clinical results in the centres using the ThermoSuit System so far," says Dr Schock. "This is a fulfillment of the mission Dr Freedman and I have had since founding Life Recovery Systems."