



MTRE ADVANCED TECHNOLOGIES, LTD. HAS RECEIVED U.S. FDA APPROVAL TO MARKET THE CRITICOOL

MTRE Advanced Technologies, Ltd. has received U.S. FDA Approval to Market the CritiCool and now joins the preceding devices such as the Allon System that is already marketed and sold in the US.

The CritiCool: The Non-Invasive Approach to Cooling Therapy

The CritiCool System, includes the control unit and the 'CureWrap'.

The system induces, maintains, and reverses hypothermia in an effective and precise method using the feedback from the patient's core and skin temperature sensors.

The proprietary controlled algorithm responds to any temperature change assisting the cooling phase of the patient's treatment and is followed by the precise re-warming to normothermia.

The CureWrap: High heat exchange by 3-dimensional surface coverage

The CureWrap provides three dimensional surface coverage that maximizes energy transfer.

This breakthrough technology provides effective induction and maintenance of cooling.

The CritiCool: Precise control of patient core temperature

CritiCool offers precise cooling to programmed target temperature, by applying temperature control algorithms. Continuous temperature feedback enables system self-regulation. Adjustment and monitoring temperature is automatic throughout treatment, therefore, significantly reduce staff time and labor.

The CliniLogger: a unique state-of-the-art device for storing and analyzing your data.

CliniLogger takes the data from the CritiCool and uses the dedicated software to display and analyze it on your PC (Excel format).

MTRE is a medical technology company that develops, manufactures and markets Innovative non-invasive solutions for body temperature control. MTRE presents novel, revolutionary Innovative non-invasive solutions that enable healthcare providers to exercise precise and timely control of body temperature, thereby paving the way for significant medical and economical benefits. The product lines target a wide range of medical applications and disciplines, including cardio-vascular, organ transplant, pediatric, neurosurgery, and trauma, as well as the evolving application of Neuroprotective Cooling Therapy for stroke, cardiac arrest; asphyxia and Traumatic Brain Injury (TBI) victims. The CritiCool is member of MTRE's product family of body temperature control systems: Allon 2001 and CritiCool including ThermoWraps, CureWraps and accessories.

MTRE manufactures and supplies a **uniquely whole range** of 'CureWraps' with different sizes from the very small new born, to the full adult size.

The technology is currently used in many major university and teaching hospitals as well as medium and small regional medical centers worldwide and especially within the European Community, Canada and China.

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