

CritiCool Pro

Marketing Bulletin MB0710_CP

MTRE is proud to launch The *CritiCool Pro* - an integrated patient monitoring and temperature management system.

The *CritiCool Pro* combines the advantages of CritiCool with Mennen Medical's VitaLogik Patient Monitor.

The system induces, maintains, and reverses hypothermia in an effective and precise manner. The desired temperature is preset by the physician with a possible range of target temperature from Hypothermia to Normothermia.

The system is composed of three elements, the CritiCool device, the Garment and the Vitalogik monitor. The CritiCool device functions as a cooling/heating pump, which circulates water, monitors the Patients' core temperature through specific sensors, and using its on-board body temperature control algorithm, delivers the optimum water temperature to reach the desired set point temperature. The cooling/heating pump brings the water to the required temperature and the pump circulates it through the specially designed Garment.

The Garment is a flexible 3D single piece design, through which the water circulates. It is designed to be in close contact with a large area of the body, thus allowing optimization of energy transfer.

The VitaLogik 4000/4500 is integrated with CritiCool to allow the user to follow simultaneously thermoregulation conditions with other vital signs. The CritiCool pro monitoring capability has an extensive storage capability of Full Disclosure, numeric charts, graphic trends and event strips. Alarms with status messages of all the vital signs parameters can be configured to the needs of the patient's clinical condition.

Kind Regards,
Ben Manoach
Product Manager



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FDA Pending