ICU
MANAGEMENT & PRACTICE

Radiometer Launches the Next Generation Of Transcutaneous Monitoring

Radiometer has unveiled its CE-marked TCM5 transcutaneous monitor, addressing the critical care needs of neonatal, pediatric and adult patients, as well as sleep clinic and home care environments. With a sleek appearance, intuitive color touchscreen interface and clear visual display, this all-new device has been designed with the end user in mind, offering continuous, non-invasive monitoring of tc*p*O2, tc*p*CO2 as well as Masimo SET® SpO2, perfusion index and pulse rate in real time. The unique gold-plated sensors automatically recalibrate when placed in the calibration chamber, enabling highly reliable measurements even with prolonged use, and on-board interactive tutorials minimize training requirements.

Initially available in Australia, Austria, Belgium, France, Germany, Japan, Luxembourg, New Zealand, South Africa, Switzerland, the Netherlands, the United Arab Emirates and the United Kingdom, the TCM5 monitor offers a choice of two distinct versions tailored to different customer and patient needs. The TCM5 BASIC monitor is ideal for diagnostic investigations in sleep clinics and respiratory care in the home environment. Lightweight and compact with a clear numeric display, it enables accurate determination of ventilation and oxygenation status overnight and the dedicated sleep mode offers silent operation and a dark screen, ensuring that patients are not disturbed.

The premium TCM5 FLEX monitor is designed for critical care departments. It is particularly beneficial in neonatal intensive care due to its non-invasive nature. Numeric and trend displays, together with audible and visual alarms, instantly alert clinicians to any change in a patient's status, enabling immediate intervention. For round-the-clock monitoring of neonates, a special NICU mode automatically monitors the duration of contact with the skin and controls the sensor temperature, helping to prevent damage to sensitive skin.

Source & Image Credit : Radiometer

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