

Care of the Critically Ill

December 2007

The Electrode Company

Lightman® Identifies faulty SpO2 probes on the Channel Isles

The Electrode Company Ltd specialises in non-invasive monitoring, optical sensors and high performance pulse oximetry. It produces a portable micro-spectrometer, the Lightman®, which can identify faulty SpO2 probes by checking electrical continuity, monitor software, light emission and light wavelength. Only in this way can the true accuracy of the pulse Oximeter be relied upon.

The Lightman® was purchased by the EBME department of the Health and Social Services Department in Guernsey. This followed a period of trial, whereby a number of faulty finger probes and cables were detected. A spokesman for the EBME department said: "The Lightman® really does work and it tells you straight away whether the tested equipment is OK or not"

The spokesman continued: "We used to remove our SpO2 sensors from the ward to be tested and calibrated on lab-based equipment, but now with the Lightman®, we can do an evaluation immediately on site, without losing hours or days of service. Faulty probes are immediately rejected and replaced, but not repaired."

The spokesman concluded: "Our

four-man team, which is shortly to be expanded, has found the hand-held Lightman® to be very easy to use and straightforward to obtain accurate results. Our sister hospitals in Guernsey, plus Alderney Hospital, now send their SpO2 probes to us for routine checking. We are sure this simple QA procedure

gives us a higher standard of care."

For more information on this unique device, or on the Electrode company, please visit www.electro.co.uk or telephone 01291 650279.

The Electrode Company: Ensuring accurate data for better clinical outcomes.

