
State of the Art: Sphere Medical Debuts Miniature In-Line Blood Gas Analyser



Sphere Medical, innovator in critical care monitoring and diagnostics equipment, will be introducing its new Proxima in-line patient dedicated arterial blood gas analyser to the Intensive Care Society (ICS) community at its State of the Art Meeting, ICC London ExCel, 8-10th December. This meeting is the UK's largest gathering for Intensive Care Professionals who will have the opportunity to trial this ground-breaking miniaturised blood gas analyser and explore the benefits of receiving blood gas results, just like blood pressure, within the patient's bed space.

The revolutionary Proxima system represents the next step on in blood gas point-of-care testing (POCT) as it is attached directly to the patient through their arterial line, in-series with the blood pressure transducer. Without leaving the bedside, closed blood samples can be withdrawn frequently, analysed and then returned directly to the patient. This enables rapid delivery of blood gas results to aid early decision making and closer control of therapy for critically ill patients, whilst also conserving blood and reducing nurse dependency – all of which will ultimately improve patient outcomes.

The CE marked Proxima System incorporates a dedicated bedside monitor, as well as the miniature Proxima Sensor integrated into the patient's arterial line. This disposable transducer can be used for monitoring blood gases and electrolytes over a 72 hour period as many times as required without loss of patient blood. Proven to measure to laboratory analyser accuracy, results are rapidly displayed on the bedside monitor and can be electronically transferred for permanent record. The system also carries out all quality control checks that would be undertaken on a traditional blood gas analyser to ensure validity of test results.

Source and image credit: Sphere Medical

Published on : Wed, 3 Dec 2014