



Pin-prick test reveals sepsis in under 20 minutes

A point-of-care test to detect neonatal sepsis in under 20 minutes is now available in the UK. Distributed by JRBiomedical, the Milenia® Quickline IL-6 tests use a pin-prick blood sample to detect the cytokines Interleukin 6 (IL-6) which are recognised as early indicators of an inflammatory response to infection.

Neonatal sepsis is one of the main reasons for mortality in newborn infants with bacterial stimulus increasing IL-6 and IL-8 levels 12-24 hours before acute-phase protein levels can be detected. Existing diagnostic techniques detect C-reactive protein (CRP) levels but can be costly, time-consuming and ambiguous due to false negatives, no increase or late increase in CRP levels, uncharacteristic clinical signs and blood cultures being taken too late.

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Low flow blender is always ready to use

SLE offers a stand-alone gas saving blender, the NEO₂. The blender is designed for use in the



NICU and other ventilation areas and allows the user to make use of two flow meters with flow rates from 0-3.5 lpm and 3-15 lpm. Always ready to use, the NEO₂ has a gas saving feature, allowing the user to switch off the gas bleed from the blender without disconnecting from the gas supply.

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Versatile monitoring for a variety of environments

Philips has released a new line of flexible care and in-hospital transport monitors, the SureSigns VM series. Designed to provide versatile, essential monitoring for a wide variety of care environments, the monitors provide enhanced user functionality and measurement capabilities in a compact and easy-to-use product.

Philips says it introduced the monitors to meet the growing need for more diverse monitoring solutions, even in lower acuity care environments. From spot-checking vital signs to continuous monitoring during sedation, SureSigns VM Series are designed to suit the way clinicians care for patients, with industry-



leading parameters and intuitive operation. The monitors are straightforward to learn and efficient to use, clinicians can access trended data simply by pressing a key.

They include commonly required parameters such as ECG, pulse oximetry and non-invasive blood pressure. Measurements vary by model and option, and may include temperature, invasive blood pressure, capnography and respiration.

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Improved transport with neo-restraint and neo-capsul

Paraid Medical Systems, UK manufacturer of emergency mobility and transport solutions, has teamed up with award-winning consultancy Lightweight Medical to launch two products for the safe transportation of critically ill newborn babies – neo-restraint and neo-capsul.

Based on carbon fibre restraint bars, neo-restraint features a foam mattress and six dual density foam wedges which can be configured in any position along the bars. Cotton straps, secured with hook and loop, pass over each pair of foam wedges resulting in a soft yet rigid structure reducing the potentially harmful effects of vibration, and able to restrain a 500g to five kilo baby comfortably.

The neo-capsul has a lightweight aluminium space frame which encases the neo-restraint in a clear acrylic module, allowing medical teams visibility and easy access for monitoring and treatment



Neil Tierney, director of Lightweight Medical and Barry Scholes, managing director of Paraid Medical Systems.

during the journey. The shape provides stability, while the double-skinning reduces sound levels and vibration in the module.

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