



Regional oxygen saturation monitoring

Proven in the PICU for years and now tailored for neonates, the INVOS™ system from Covidien offers continuous, non-invasive observation of patients at risk for reduced-flow or no-flow ischaemia.

Cerebral-somatic monitoring allows placement of up to four OxyAlert™ NIR Sensors™ for blood oxygenation data from the brain and body areas that interest clinicians most. This allows clinicians to track stability of cerebral and peripheral circulations and help ensure adequate perfusion in specific vascular beds. This equips clinicians with immediate and objective regional oxygenation saturation data to enhance the assessment and management of perfusion problems.

Said to be the only device of its kind to provide simultaneous, real-time cerebral and somatic oximetry, the INVOS™ system uses near infrared spectroscopy (NIRS) to “reflect the colour of life.” By identifying both total and oxygenated haemoglobin molecules within red blood cells, and measuring their relative amounts, the system determines the adequacy of tissue perfusion beneath its OxyAlert™ NIR Sensors™, providing a new vital sign: regional oxygen saturation (rSO₂).

This real-time data can enable clinicians to intervene early and decrease the severity of, or help prevent, ischaemic complications.

Visit www.covidien.com

For a comprehensive list of products and services in neonatal care, visit the **Infant Directory** at www.infantgrapevine.co.uk

Closed blood sampling system for pressure monitoring

The neonatal/paediatric SAFESET® closed blood sampling system for pressure monitoring, supplied by Fannin, establishes the standard for safety in blood sampling products in this critical population of patients. It minimises the risk of infection by allowing access to the neonatal patient's blood without exposing it to the outside, non-sterile environment. The system also prevents exposure of bloodborne pathogens to the clinician.

Clearing volumes, necessary to obtain undiluted blood samples, are kept low by the use of small diameter tubing between the sampling site and the catheter connection. This is an essential feature as the total blood volume of neonatal and paediatric patients can be extremely low.

As the system is completely closed and the baby's blood is always maintained within a sterile environment, the clearing volumes can be re-infused, greatly reducing the risk of iatrogenic anaemia.

To ensure the system always remains closed, the plunger sheath is encased in an

impenetrable poly-carbonate guard, thus eliminating the potential for removal or puncture of SAFESET® during routine use. The smaller 3mL reservoir is graduated to accommodate the smaller clearing volumes associated with the neonatal patient and can easily fit within the isolette while monitoring is required.

Please contact: Fannin UK, 42-46 Booth Drive, Park Farm South, Wellingborough, Northamptonshire, NN8 6GT.

Tel: 0118 930 5333,
enquiries@fanninuk.com,
www.fanninuk.com



Breastfeeding tips based on real mothers' stories

The charity Best Beginnings was founded in 2006 to use new and different ways to break down the inequalities in child health across the UK, including using the medium of film.

The DVD *'From bump to breastfeeding'* is the first in a series planned by the charity and follows the journeys of mothers, partners and babies in their experiences of breastfeeding. The aim of the DVD is to show that breastfeeding is natural and normal and to provide the information mothers need to begin and continue a happy breastfeeding relationship with their baby. Information is provided as to where to go for help if all doesn't go according to plan.

The main film on the DVD includes:

- preparing for birth
- birth, skin-to-skin and early feeds
- graphic of a baby attaching on the breast
- the early days and weeks
- feeding out and about
- overcoming challenges
- introducing other foods

There are also five extra films giving more help on specific topics:

- breastfeeding your sick or preterm baby
- the first few days and weeks
- overcoming challenges
- expressing and returning to work
- breastfeeding twins or more

The DVD is available in English, English subtitled, British sign language, Urdu, Bengali, Somali and Polish. Films from the DVD can be viewed on the Best Beginning website, www.bestbeginnings.org.uk. The DVDs are available to buy from the charity at £3 per copy, with large discounts for bulk orders.

