



Nutritionally complete post-discharge formula from SMA

SMA Nutrition has launched SMA Gold Prem 2 to complete its enhanced low birthweight and preterm feeding range for infants who are not solely fed breast milk.

SMA Gold Prem 2 catch-up post-discharge formula (PDF) has been specially designed to provide a nutritionally sound transition to standard term formula to meet the nutritional needs of LBW and preterm bottle-fed infants following discharge from hospital until six months' postnatal age. It is the only PDF enriched with alphasactalbumin, the predominant whey protein found in breast milk.

The formula is more nutrient dense than standard term formulae and contains higher levels of calcium and phosphorus. Vegetable-derived LCPS, arachidonic acid and docosahexaenoic acid help support visual and cognitive development while nucleotides have been shown to support immune function in term infants.

www.smanutrition.co.uk

CPAP device puts an end to constant adjustment

SLE is introducing the SLE1000 CPAP machine, a servo-controlled unit with intelligent alarms and modern electronics.

A complete rethink of the way CPAP is delivered by the SLE1000 means the user can set the desired pressure and make the driver do all the hard work of adjusting the flow.

"While we were updating the technology we took the opportunity to add a number of enhancements to make life easier," said Chris Worrell, SLE Marketing Manager. "This included adding automatic alarms (including apnoea), automatic leak compensation and a long-life battery for use when moving infants."

The unit is designed to be easier to set-up and use, with servo-controlled flow to ensure a more consistent pressure, even when the baby is moving a lot. Using computer-controlled



feedback means that the work of breathing is kept to a minimum and can cope with varying leaks.

"Initial clinical feedback has been excellent," said Chris Worrell. "Staff are finding that once they've set the CPAP level, the machine can accurately track it, so they can get on with caring for the baby and not spend their time adjusting the equipment".

www.sle.co.uk

More resources for learning

In response to the demand for high-quality, evidence-based nursing resources, ProQuest has made two resources from the Joanna Briggs Institute available through the ProQuest Nursing & Allied Health Source. The services are RAPid – a training tool allowing users to systematically evaluate research articles and write structured research findings for publication on the JBI interface – and SUMARI, which guides groups to conduct systematic reviews relating to clinical questions.

www.proquest.com

Synflorix receives EC approval

GlaxoSmithKline has received European Commission authorisation for its pneumococcal conjugate vaccine Synflorix™. It offers protection against three previously unaddressed strains of the bacteria which are linked to the development of serious childhood pneumococcal infections, such as meningitis, septicaemia and bacteraemic pneumonia.

Welcoming the news, The Meningitis Research Foundation says it continues to fund research for a vaccine against all types of pneumococcal meningitis.

www.gsk.com www.meningitis.org



Reliable testing for brain injury on the NICU, anytime

Milenia® S-100B is a simple, 20 minute point-of-care test for measuring the S100β isoform in whole blood or serum.

S-100B is an established astroglial biochemical marker for CNS injury belonging to the S-100 Calmodulin-Tropinin superfamily. The relevant subform of S-100 for neurological damage is S100ββ (S-100B). Present in the cytoplasm of brain cells at levels 100-fold higher than in chondrocytes, Langerhans cells and melanoma cells, release of S-100B into the blood is triggered by

disturbance of the blood brain barrier. Early detection of S-100B may reflect the extent of brain damage in infants with hypoxic ischaemic encephalopathy after perinatal asphyxia. Integration of S-100B within existing management routines may also help reduce the need for CT scans.

Milenia® PicoScan gives easy access to quantitative and reliable S-100B and IL-6 measurements on the NICU, day or night.

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