



## A new generation of small ultrasound systems

Fukuda Denshi is pleased to announce the arrival of its new generation of small ultrasound systems, the UF-760AG.

This is a small system with big innovation. Its high image quality helps with earlier disease detection, more accurate diagnosis and less invasive treatments. It is highly compact and weighs less than 7kg, yet can hold over an hour's worth of battery charge.

With hypersensitive Pulsed and Continuous Doppler, the compact ultrasound system offers excellent performance combined with superior image quality, making it the ideal choice for all point-of-care environments such as emergency rooms, during transport and at the bedside in the neonatal intensive care unit.

The UF-760AG is supplied with two probes, and features a wide range of features and options, including:

- Cardio Package (including Anatomical M-mode)
- CW
- Stress echo
- Trapezoidal imaging
- Easy optim
- Spatial compounding
- 3D/4D
- Long cine loop
- DICOM MWL, store SCU

For more information contact Fukuda Denshi on 01483 728065.

## Helping neonatal teams meet ESPGHAN nutrition guidelines

Cow & Gate has upgraded the content of its nutriprem range of formula milks. The move aims to help healthcare staff meet new European Society for Paediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN) guidelines on preterm infants' nutritional needs<sup>1</sup>.

The guidelines provide guidance on the nutrient needs of preterm infants to achieve growth similar to fetal growth as well as satisfactory functional development, with recommended intakes for a wide variety of nutrients.

Upgrading the content of Cow & Gate nutriprem breastmilk fortifier and Cow & Gate nutriprem 1 will provide neonatal teams with a preterm range that is compliant with the ESPGHAN 2010 guidelines.

**Important Notice:** Cow & Gate nutriprem 1 and Cow & Gate nutriprem 2 are foods for special medical purposes and should only be used under medical supervision, after full consideration of the feeding options available including breastfeeding. Cow & Gate nutriprem 1

and 2 are suitable for use as the sole source of nutrition for preterm and low birth-weight infants. These products are not for parenteral use.

### Reference

1. **Agostoni C et al.** Enteral nutrient supply for preterm infants: commentary from the European Society for Paediatric Gastroenterology, Hepatology and Nutrition Committee on Nutrition. *J Pediatr Gastroenterol Nutr* 2010;50:85-91.

Call Deborah Breadner, Danone Baby Nutrition 01225 711789, email [deborah.breadner@danone.com](mailto:deborah.breadner@danone.com) for further information.



## Cost-effective infant nasal CPAP device

The new nFlow infant nasal CPAP range, with gas flip technology, is now available from Intersurgical.

The nFlow product range has been designed to offer a cost effective solution for the clinician using infant nasal CPAP. The system is fully compatible with all drivers used for gas flip technology

devices found in neonatal intensive care and transport areas.

The nFlow range is provided with the patient masks, prongs and bonnets packaged separately from the breathing system and generator, to help minimise hospital waste.

The nFlow is offered as part of

Intersurgical's extensive range of neonatal breathing systems and accessories providing the clinician with a total solution to their requirements.

For further information on nFlow or to request a sample please visit [www.intersurgical.com](http://www.intersurgical.com).  
Tel: 01189 656300,  
fax: 01189 656356,  
email:  
[info@intersurgical.co.uk](mailto:info@intersurgical.co.uk)



## Infant warming solutions to support developmental care

Philips has introduced a complete line of infant warming solutions designed to support the developmental care of infants in obstetric units and vulnerable premature infants in neonatal intensive care units. The family of incubators and infant warmers helps create a developmentally beneficial healing environment for vulnerable newborns, while enhancing workflow.

*The Atom-Philips Dual Incu i* is the flagship combination incubator and warmer. Designed for open and closed care, it combines the stable radiance of an open-care warmer with the closed microenvironment of an incubator.

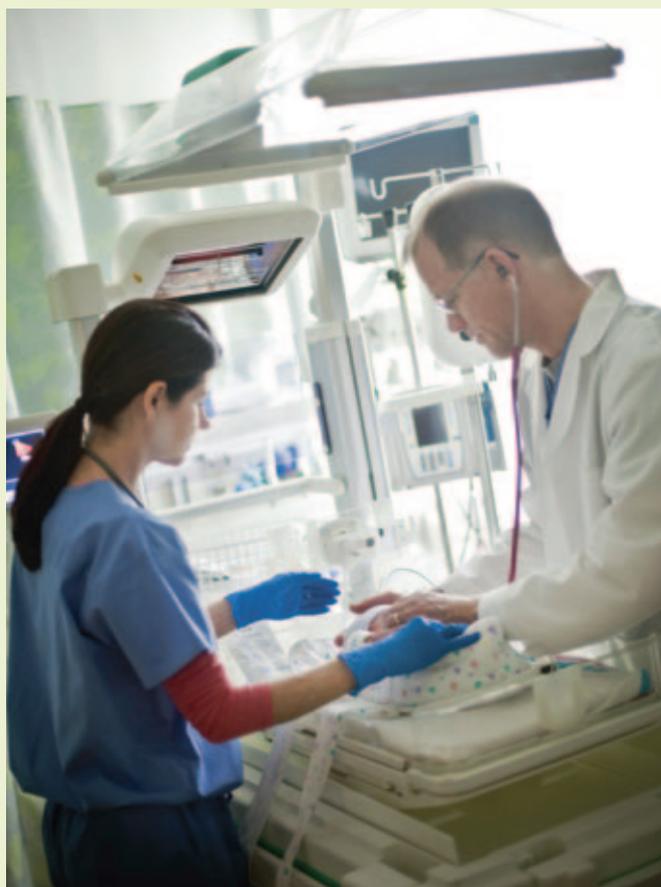
Access panels and ports can be opened and closed silently. Once monitoring and IV lines are in place, there's no need to move a fragile infant.

*The Atom-Philips Incu i* is a compact standalone incubator, offering optimal ergonomics and easy access.

*The Atom-Philips InfaWarmer i* is a warmer for the obstetric unit and the well-baby nursery that includes features needed for normal deliveries and those requiring higher acuity.

*The V-808 Transcapsule* is a transport incubator, providing a stable therapeutic environment for moving newborns.

For more information, contact [jennifer.giddins@philips.com](mailto:jennifer.giddins@philips.com) or call 01483 792004.



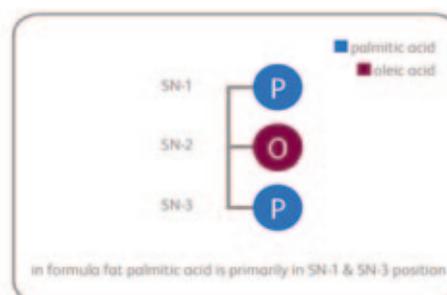
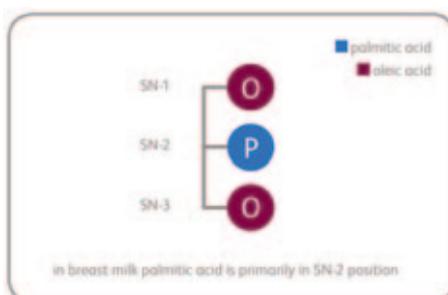
## It's the location that makes the difference

SMA's First Infant Milk now contains a new fat blend which is closer to that found in breast milk and may produce a softer stool consistency, closer to that of a breastfed infant<sup>1</sup>.

Research has identified that the position of the individual fatty acids on the triglyceride molecule differs between breast milk and standard infant formula (see Figure); this affects fat absorption, calcium absorption and stool consistency.

SMA's First Infant Milk now contains a greater proportion of palmitic acid in the SN-2 position. In independent clinical studies, an SN-2 enriched fat blend was shown to promote calcium absorption<sup>2,3</sup> and one study has suggested an improved bone mineralisation<sup>4</sup>.

A recent trial using SMA's First Infant Milk with a greater proportion of palmitic acid at the SN-2 position, showed that infants



fed this formula had similar amounts of stool calcium soaps as breastfed infants<sup>1</sup> and had softer stools compared to infants fed a standard whey dominant formula, without an increase in the stool frequency<sup>1</sup>.

magnesium contents of a term newborn faeces. *Early Hum Dev* 2001; 65(supplement 2): S83-S94.

4. Kennedy K et al. Double-blind, randomized trial of a synthetic triacylglycerol in formula-fed term infants: effects on stool biochemistry, stool characteristics, and bone mineralization. *Am J Clin Nutr* 1999; 70:920-27.

### References

1. Yao M et al. High 2- palmitate and oligofructose in lower protein alpha-lactalbumin-enriched term infant formula: effects on stool characteristics and stool composition. *J Pediatr Gastroenterol Nutr* 2010; 50 (Suppl 2): PO-N-444.
2. Lucas A et al. Randomised controlled trial of a synthetic triglyceride milk formula for preterm infants. *Arch Dis Child Fetal Neonatal Ed* 1997;77:F178-F184.
3. López-López A et al. The influence of dietary palmitic acid triacylglyceride position on the fatty acid, calcium and

For more information please visit [www.smahcp.co.uk](http://www.smahcp.co.uk) or call the SMA Careline on 0800 0818 180.

To have your product featured in this section please email Christine at [www.infantgrapevine.co.uk](http://www.infantgrapevine.co.uk)