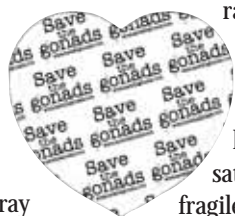


## Superior X-ray protection for neonates

Research shows that premature babies receive an average of 30 X-rays during their stay in the NICU. Natus Medical's Save the Gonads X-ray Shields are designed to protect babies'



reproductive organs from the harmful radiation associated with X-rays. Save the Gonads shields are the first to be designed specifically for use with newborns, being small and lightweight and encased in a soft satin covering to ensure comfort for fragile skin. A unique heart shape design makes them

suitable for both boys and girls, oriented upward for girls and downward for boys. They are composed of flexible 1mm thick lead so they can be bent over the baby's hip and positioned over the right area for the X-ray. The thickness allows the shields to stay in place over the baby throughout the X-ray procedure.

The shields allow hospitals to meet their infection control standards. They are designed for single-patient use and can be cleaned between X-rays for repeated use on the same patient.

For more information: [www.natus.com](http://www.natus.com).

## Babytherm scale allows *in situ* weighing of sick babies

Sometimes sick babies cannot be moved due to the need to practise minimal handling and weight can only be estimated. So the ability to weigh an infant *in situ*, rather than move the baby from a warming therapy device to a set of weighing scales, is an advantage.

The Babytherm scale from Dräger Medical enables in-bed weighing of neonates. It consists of a fully integrated weighing unit with a separate display unit and can be used in horizontal and tilted bed positions. The baby does not have to lie exactly in the middle of the bed for



correct measuring. The scale is available for Babytherm 8004 and 8010 with measurements available in lb or kg. Simultaneous use of the X-ray tray and the scale is also possible.

The integrated Babytherm scale fulfills the EN 45501, which is the required standard for the EU area. This standard already covers the OIML R76/2 for integrated scales.

## SERVO-i increases neonatal ventilation functionality

The latest version of the SERVO-i ventilator from MAQUET introduces more features intended for NICU patients, including nasal CPAP functionality which can be used with a variety of patient interfaces.

Additional hardware has also been introduced, including a Y-piece measurement sensor for all SERVO-i models which allows near-patient measurements of pressure and flow with minimal dead space.

Other features allow FiO<sub>2</sub> trend values to be stored and viewed, reference loops to be presented on the screen together with the current loop and the patient circuit to be tested independently of the pre-use check.

Alarms for airway pressure upper limit can be muted and the apnoea alarm limit has been extended from 15 to 45 seconds.

[www.maquet.com](http://www.maquet.com)



## SMA Nutrition launches an improved preterm formula

SMA Gold Prem\* is a new whey-based formula developed in response to the latest clinical guidelines<sup>1</sup> for the comprehensive needs of premature or low birthweight infants in hospital who are not solely breast fed.

Term formula is not ideal for preterm infants as it lacks essential caloric density, as well as optimum levels of protein, vitamins and minerals, important to promote safe catch up in the areas of the child's growth, bone mineralisation and neurodevelopment.

SMA Gold Prem was developed in consultation with healthcare professionals based on results from a series of clinical trials. It is the only vegetarian preterm formula available.

The new formulation includes:

- Increased calcium and phosphorus, to increase bone mineralisation
- Higher protein content for bone mineralisation and catch-up growth
- Lower levels of lactose to improve tolerance due to lower osmolality.
- LCPs to enhance growth and psychomotor development.
- Appropriate vitamin levels to meet elevated needs.
- Choline for brain development.
- Carnitine for fatty acid oxidation and positive nitrogen balance.

1. Nutrition of the Preterm Infant, 2nd ed. Tsang et al 2005.

\* Trade Mark



[www.smanutrition.co.uk/hcp](http://www.smanutrition.co.uk/hcp)