



Less stressful scanning for small patients

The Portland Hospital in London has installed a MAGNETOM® Avanto MRI from Siemens Healthcare for paediatric procedures.

The MAGNETOM Avanto is used for a range of imaging procedures from brain to spine to small bowel. Its special features ensure rapid, quiet, feet-first scanning which is ideal for young patients.

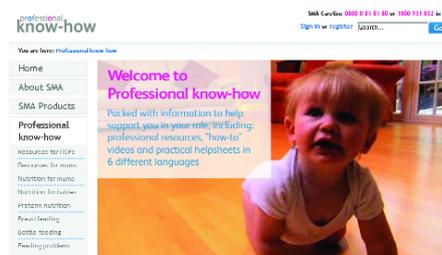
The MAGNETOM Avanto is a 1.5 Tesla MRI that combines fast image acquisition with a dramatic reduction in acoustic noise without compromising gradient performance. Combining special casting for gradient coils, special magnet suspension and unique MR sequence design, noise is reduced by up to 97%. The system also features Siemens' Tim® (Total imaging matrix) technology designed to increase

flexibility, accuracy and speed to make every aspect of workflow more efficient and productive.

The system features ultra lightweight coils which make for a significantly more comfortable examination and are ideal for cardiac, oncology or paediatric patients. The Avanto also has a low table position of 47cm and this enables feet first examinations for nearly all procedures, making it suitable for the young anxious patients who undergo MRI scans.

"The installation of the Avanto means we can now do much more and it is being used across the board for a range of imaging examinations," said Prina Shah, Superintendent Radiographer at The Portland Hospital.

www.siemens.co.uk/healthcare



SMA initiative to support healthcare professionals

SMA Nutrition have launched a "Professional know-how" initiative for neonatal nurses, midwives and health visitors. Via a new website (smahcp.co.uk/professionalknowhow) healthcare professionals (HCPs) can access interactive aids to use with new parents, as well as educational resources to help develop their professional skills. Features on the web site include:

- A set of free interactive 'know-how' videos to help new parents learn the basics, which cover breastfeeding, sterilizing feeding equipment, making up the bottle, winding and weaning.
- Multi-lingual step-by-step guides to help new parents cope with the daily challenges of looking after a newborn baby, filled with invaluable advice regarding breastfeeding, breastfeeding positions, bottle sterilizing and preparing a bottle.
- Professional educational tools providing resources to help HCPs build on their existing knowledge, such as e-learning, study days, self development and professional knowledge, including a tutorial by Tam Fry on the new growth charts.

www.smahcp.co.uk/professionalknowhow



CosyCrib – versatile and height adjustable

The CosyCrib from Inditherm provides a safe and practical system for nursing the newborn baby, creating the perfect environment for developmental care. Its clear sides give full visibility of the infant and are easily raised and lowered, with a range of positions to ensure complete safety during transport, practical protection in routine use and unhindered access for clinical procedures and emergency treatments.

The electrically-operated platform height is continuously variable, and completely smooth and quiet. The design takes into account health and safety considerations for staff and access for

parents, including post-caesarean mothers and wheelchair users.

The system is fully equipped with a range of practical features as standard. Generous storage is unobtrusive yet readily accessed; a washable hood to shield the baby from light is easily set up and removed; retractable shelves facilitate the convenient placement of items for routine washing and changing.

The CosyCrib combines ease of operation with advanced nursing features, releasing more expensive equipment for infants needing more intensive treatment.

01709 761000, sales@indithermplc.com,
www.inditherm.com/medical



CPAP bonnets from SLE

SLE have launched a new line of infant bonnets called the 'FlowGen Bonnet'. These bonnets are designed for use with CPAP generators. They feature secure butterfly Velcro® fastenings for ease of use and are ergonomically designed for patient comfort.

Each soft cotton bonnet is made from one piece of material eliminating the back seam ensuring comfort and security for both patient and nursing staff. Used in conjunction with a CPAP generator's fixation straps, the Velcro tab at the top of the bonnet is designed to hold the CPAP generator securely in place, gently positioning it just under the baby's nares to allow gas to enter. The bonnets can be used with most CPAP generators.

The easy access top allows for less patient handling, easing cranial ultrasounds and assisting with maintenance of patient temperature. Bonnets are available in 12 sizes, are colour coded for easy of identification and come in packs of 10.

0208 6811 414, www.sle.co.uk

Baby wipes for delicate skin

It is estimated that at least one in four infants suffer from atopic eczema; this surge is blamed on increased exposure to environmental pollutants including the synthetic chemicals found in baby wipes. The typical baby wipe can contain up to 10% of chemical additives including those known to irritate the skin.

WaterWipes is the world's purest baby wipe, offering health professionals and new parents a convenient alternative to midwife-recommended water and cotton wool. The product contains 99.9% purified water, 0.1% grapefruit seed extract (GSE) and absolutely no other ingredients, making it 20-50 times purer than any other brand on the market,



perfect for newborn babies and those with infant skin conditions.

WaterWipes are pH neutral, non-toxic, anti-bacterial. They are also hypoallergenic, fragrance-free, eco-friendly and fully bio-degradable.

www.dermah2o.com

HME device for use in neonates



The Hydro-Trach T Mk.11 is a heat moisture exchange (HME) device designed for use with spontaneously breathing patients in order to reduce loss of heat and moisture during respiration. When a patient has a tracheostomy, the normal system of temperature and moisture maintenance is bypassed by the insertion

of the tracheal tube. The possible loss of heat and moisture can lead to serious complications, notably damage to the mucous glands. This in turn may result in retention of sputum and atelectasis, production of mucous plugs and potential tubal occlusion.

The Hydro-Trach T Mk.11 is designed to be used with neonates, paediatrics and adults. The device contains a safety mechanism, which allows the HME to partially dislodge in the event of total occlusion or vigorous cough, allowing ease of breathing.

The Hydro-Trach T Mk.11 is also available with an additional oxygen tube for supplying oxygen through an integral swivel oxygen connector, which can be easily folded away when not in use.

info@intersurgical.com or 0118 9656 300

Improved neonate transfer system for Isle of Man Air Ambulance

The air ambulance service based on the Isle of Man, operated from Nobles Hospital in Douglas, is equipped with a Piper Chieftain aircraft. The service is often used to transfer sick babies to the mainland and back.

Working with Nobles hospital, ParAid Medical developed and supplied a new incubator and trolley system that was compatible with three aircraft types and EASA (European Aviation Safety Authority) certified. The ParAid Medical incubator system sits in a frame and is designed to go on and off aircraft on a slide and glide system for transfer between aircraft and ambulance.



According to Paul McCann, lead nurse for neonatal services on the Isle of Man, the new system works superbly.

The new ParAid Medical equipment has proved very successful in overcoming the limitations of the old stand-alone equipment. This had manual handling issues as, at 128kg, it was very heavy for lifting in and out of aircraft. Also the old equipment was limited in its supply of gas and power and accessibility to other vital sign monitors, which is not the case with the ParAid Medical Equipment.

0121 706 6744, www.paraid.com