



Selective brain cooling cap is now available

The Cool-Cap device from Olympic Medical, a Natus Company, is now available in the UK through Inspiration Healthcare Limited. Originally used in the Cool-Cap trial investigating the effect of selective brain cooling to treat the outcome of hypoxic ischaemic encephalopathy, the Cool-Cap device is the first commercially available product meeting FDA and CE requirements for this particular indication for use.

The set-up wizard provides easy-to-follow instructions ensuring that inexperienced users of the device can set up the patient for cooling following the original trial protocols. Included in the system are single patient use cooling caps of various sizes. Coupled with the CFM6000 cerebral function monitor, neonatologists now have the ability to diagnose and treat HIE.

For further information on the Cool-Cap, contact info@inspiration-healthcare.co.uk or 0116 235 1010

Ultrasound transducer for detailed paediatric cardiovascular imaging

Philips Medical Systems has recently launched the industry's smallest transducer for 4D cardiac ultrasound imaging in infants and children, to help cardiologists accurately view a patient's cardiac structure and blood flow by improving access to the heart.

The Philips X7-2 x-MATRIX array transducer is part of a robust paediatric and congenital heart disease solution that affords small patients the same imaging, quantification and cardiac management benefits adults attain from live real-time 3D echocardiography of the heart.

The speed at which volumetric data are captured and the non-invasive nature of ultrasound enables clinicians to obtain high-quality images and data quickly and easily, while potentially reducing young patients' emotional and physical stress, and providing surgeons with pre-operative views of cardiac anatomy and function.

The transducer itself combines XMATRIX technology with PureWave crystal technology for remarkable live 3D echo imaging in small paediatric patients. Coupled with proprietary advances in microelectronics, PureWave's greater efficiency makes the transducer extremely compact.



PureWave is an entirely new class of piezoelectric material (the "crystal" that transmits and receives ultrasound) whose properties allow greater transmit efficiency than conventional transducers.

Additionally, the Philips' X7-2 transducer, in conjunction with QLAB quantification software, allows cardiologists to evaluate a paediatric patient's heart and closely examine structures, blood flow and function for enhanced diagnosis and treatment planning.

www.medical.philips.com

Prone positioning support completes product range

Inspiration Healthcare has launched the Prone Plus™ from Children's Medical Ventures. The Prone Plus is a ventral support that facilitates proper prone positioning for premature and/or critically ill infants.

Children's Medical Ventures now offers products to assist with all the major positioning needs in the NICU.

Alongside the Snuggle Up, Bendy Bumpers and Gel products, the Prone Plus completes the positioning products portfolio to meet all the basic positioning needs of the infant – supine, side lying and prone. Together, the products promote



the goals of supportive positioning:

- midline
- flexion
- containment

For further information on this and all developmental care products, contact info@inspiration-healthcare.co.uk or 0116 235 1010.