

Ultrasound system provides excellent image quality and diagnostic confidence

Renal Transplant and Nephrology department of Royal Liverpool University Hospital benefits from ACUSON S2000

The Renal Transplant and Nephrology department, part of The Royal Liverpool and Broadgreen University Hospitals NHS Trust is now benefitting from superior images across a range of procedures following the installation of an ACUSON S2000™ ultrasound system from Siemens Healthcare.

The S2000 is a next generation system ergonomically designed for user and patient comfort. It offers extensive functionality and is being used at the hospital for biopsy guidance on native and transplant kidneys and scanning the vessels for blood flow of transplanted kidneys. The system will also assist with guiding the insertion of catheters in patients who require vascular access, examining circulation when performing venous mappings in the upper and lower limbs, investigating blood flow in fistula scanning, scanning the liver when treating cirrhosis and general abdomen imaging.

The S2000 is optimised for high-frequency imaging and delivers 2D, 3D, Colour and Pulse-wave Doppler and 4D images of superior quality to provide exceptional levels of diagnostic confidence for the best possible outcomes. It also includes knowledge-based workflow drawing on an expert database of real clinical cases to recognise anatomical patterns and perform automatic measurements. This aids diagnosis, speeds up examinations and helps keep patient appointments on schedule.

“We are very impressed with the high quality images that the system provides, especially when scanning transplanted kidneys and blood vessel blockages in those who require vascular access,” states Illa Sodha, Superintendent Sonographer at The Royal Liverpool University Hospital. “The calculation

packages are also fantastic for looking at the volume of fluid flow in vessels too, allowing us to perform highly accurate and swift ultrasound scans.”

“We are delighted that The Royal Liverpool University Hospital has chosen one of our premier ultrasound systems,” states Bernadette Leonard, Regional Sales Manager for Ultrasound Products at Siemens Healthcare. “The extensive functionality of the S2000 makes it an ideal solution for a wide range of applications and with the knowledge-based workflow it ensures a high level of diagnostic confidence.”

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About Siemens Healthcare

The **Siemens Healthcare Sector** is one of the world's largest suppliers to the healthcare industry. The company is a renowned medical solutions provider with core competence and innovative strength in diagnostic and therapeutic technologies as well as in knowledge engineering, including information technology and system integration. With its laboratory diagnostics acquisitions, Siemens Healthcare is the first integrated healthcare company, bringing together imaging and lab diagnostics, therapy and healthcare information technology solutions, supplemented by consulting and support services. Siemens Healthcare delivers solutions across the entire continuum of care – from prevention and early detection, to diagnosis, therapy and care. Additionally, Siemens Healthcare is the global market leader in innovative hearing instruments. The company employs more than 49,000 people worldwide and operates in 130 countries. In the fiscal year 2008 (Sept. 30), Siemens Healthcare reported sales of €11.2 billion, orders of €1.8 billion, and Sector profit of €1.2 billion. Further information can be found by visiting <http://www.siemens.co.uk/healthcare>.

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Picture caption: The ACUSON S2000 has recently been installed into the Renal Transplant and Nephrology department of the Royal Liverpool University Hospital. From left to right: Illa Sodha, Superintendent Sonographer; Govinda Acharya, Ultrasonographer; Nicola Cullen, Radiographer in Vascular Access; Nicola Carr, Ultrasonographer.

