

Royal Hospital for Sick Children in Glasgow installs Avanto MRI

System to enable whole body scanning without the need to reposition patient

The Royal Hospital for Sick Children in Glasgow, part of NHS Greater Glasgow and Clyde, has installed a MAGNETOM® Avanto 1.5 Tesla from Siemens Healthcare. The system featuring Tim (Total imaging Matrix) will enable the hospital to streamline its MRI examinations by providing whole body paediatric scans without the need to reposition the patient or for coil changes.

The MRI will also be used for cardiac, head, spine and musculoskeletal scans and features the Tim Application Suite to assist with specialist oncology procedures such as the detection of tumours.

“About 40 per cent of our patients require scans under general anaesthetic and covering multiple regions, the Avanto now means that we do not have to move coils over the body or reposition the patient,” said Mary Pirie, site superintendent radiographer at the Royal Hospital for Sick Children in Glasgow. “When coils are required for spine or musculoskeletal imaging, they are lightweight and easy-to-move. Overall we anticipate that the system will help us streamline workflow and make the department more efficient.”

The Royal Hospital for Sick Children offers a wide range of secondary and tertiary care services. It is the Scottish National Centre for Paediatric Cardiac Surgery and is the national centre for the management of chronic renal failure, renal transplantation and paediatric bone marrow transplants. “The Avanto MRI will enhance the care that can be provided,” said James Weir, Scottish Sales Manager at Siemens Healthcare. “The ultra-fast image acquisition and range of coils means that the

hospital is ready for routine and complex work, and can carry out examinations with minimal anxiety to the young patients.”

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About Siemens Healthcare

The **Siemens Healthcare Sector** is one of the world's largest suppliers to the healthcare industry and a trendsetter in medical imaging, laboratory diagnostics, medical information technology and hearing aids. Siemens offers its customers products and solutions for the entire range of patient care from a single source – from prevention and early detection to diagnosis, and on to treatment and aftercare. By optimising clinical workflows for the most common diseases, Siemens also makes healthcare faster, better and more cost-effective. Siemens Healthcare employs some 51,000 employees worldwide and operates around the world. In fiscal year 2011 (to September 30), the Sector posted revenue of 12.5 billion euros and profit of around 1.3 billion euros. For further information please visit: www.siemens.com/healthcare.

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Picture caption: The Royal Hospital for Sick Children in Glasgow, part of NHS Greater Glasgow and Clyde, has installed a MAGNETOM® Avanto 1.5 Tesla from Siemens Healthcare.

