

## UK Children's Hospital Installs Siemens 1.5T MRI



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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.”

Published on : Thu, 8 Dec 2011