

### Triple MRI order from Scotland's largest Health Board

#### Siemens MAGNETOM Avanto systems provide fast and efficient care across wide area

Glasgow Royal Infirmary, Inverclyde Royal Hospital and the Western Infirmary, three sites of NHS Greater Glasgow and Clyde, have each installed a MAGNETOM® Avanto 1.5 MRI system from Siemens Healthcare.

NHS Greater Glasgow and Clyde is the largest Health Board in Scotland. The joined up MRI service across the three sites will deliver fast and efficient clinical imaging to patients in a wide geographic radius.

The MAGNETOM Avanto 1.5T MRI scanner is capable of providing outstanding image quality that will assist with quick and confident diagnosis in a wide variety of cases, such as strokes, musculoskeletal disorders and cancer. Total Imaging Matrix (TIM) technology provides seamless scans of up to 205cm without the need to reposition or change coils. It also offers exceptional magnet homogeneity for fat saturation, a large field of view (500mm) and strong gradients for high resolution and short scan times.

Designed not only for clinical excellence, but also patient comfort, the MAGNETOM Avanto has lightweight coils that are more comfortable for patients. A low table position also makes access easier for those with limited mobility, plus noise during scanning can be greatly reduced making lengthy procedures more tolerable. The 60cm wide bore and option of feet first examinations also eases feelings of claustrophobia and is suitable for obese patients.

“The Avanto has provided us with high quality imaging that allows more patients to be treated in a working day,” states Dr Nigel McMillan, Consultant Radiologist at the Western Infirmary, NHS Greater Glasgow and Clyde. “Our patients no longer have to travel far, as the systems across the three sites cover a large area to ensure many communities receive the latest medical care.”

“The triple Avanto installation has provided the three hospitals with a joined up MRI service for imaging a large number of patients quickly and efficiently,” states James Weir, Regional Sales Manager at Siemens Healthcare. “We hope that they will soon be able to share patient records and images across sites, ensuring continuity of care for swift diagnosis and treatment.”

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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 €11.8 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:** (From left to right: Catherine Coyle, Specialist MR Radiographer; Martine Mutter, Specialist MR Radiographer; Graham McDade, Specialist MR Radiographer; Dr Nigel Raby, Consultant Radiologist; Dr Nigel McMillan, Consultant Radiologist.)

