

### **Freeman Hospital moves to streamline its interventional imaging and EVAR workflow with Artis zee**

#### **Siemens system provides high quality image acquisition for clinical confidence**

Freeman Hospital, part of the Newcastle upon Tyne Hospitals NHS Foundation Trust, has installed a ceiling mounted Artis zee™ to provide real-time interventional imaging for angiography procedures. The Artis zee ceiling from Siemens Healthcare will enable the hospital to streamline its workflow and keep primary focus on patient care.

Situated in the Interventional Radiology suite, the Artis zee is primarily used for general endovascular interventions but also conducts a variety of specialised procedures such as endovascular aneurysm repair (EVAR) work. Together with the application *syngo*® DynaCT, it will enable the hospital to improve clinical workflow and efficiencies. DynaCT delivers CT-like slice images that can be reconstructed into 3D to enable real-time precision during procedures. This in turn can remove the need for post-operative CT scans thus providing greater clinical confidence and the potential to reduce patient stays in hospital.

The ceiling mounted system also enables flexible positioning around the patient and features adjustable tableside controls for simple use. Prior to installing the Artis zee, Freeman Hospital conducted some specialised interventional examinations in a separate operating theatre on a mobile unit, placing restrictions on the quality of the images produced due to the restricted output and limited heat capacity inherent within a mobile system.

“The Artis zee is easy-to-use and by being ceiling mounted gives us the flexibility and space we need when conducting vascular work,” said Alan Cleghorn, Superintendent Radiographer at Freeman Hospital. “It is envisaged that the high image quality will help improve our productivity by removing some of the post-operative CT scans from the patient care pathway. We anticipate that this may also help to reduce the length of time a patient needs to stay in hospital for some cases.”

“We are delighted that Freeman Hospital has installed the Artis zee,” said Jane Whittaker, Angiography Business Manager at Siemens Healthcare. “The flexibility of the system combined with advanced applications such as *syngo* DynaCT will help the hospital streamline its clinical workflow, and increase efficiencies within the Interventional Radiology suite.”

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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 optimizing clinical workflows for the most common diseases, Siemens also makes healthcare faster, better and more cost-effective. Siemens Healthcare employs some 48,000 employees worldwide and operates around the world. In fiscal year 2010 (to September 30), the Sector posted revenue of 12.4 billion euros and profit of around 750 million euros. For further information please visit: [www.siemens.com/healthcare](http://www.siemens.com/healthcare).

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**Picture caption:** Freeman Hospital, part of the Newcastle upon Tyne Hospitals NHS Foundation Trust has installed a ceiling mounted Artis zee™ system to provide real-time interventional imaging for Interventional Radiology procedures. (Left to right) Karen Curry, IR Staff Nurse, Alan Cleghorn, IR Superintendent Radiographer, Joan Hood, IR Sister, Dr Rob Williams, IR Radiologist, Dr John Rose, IR Radiologist, Mr Graeme Hughes, Freeman Radiology Manager and Khalid Oozeer, Applications Specialist at Siemens Healthcare.

