

### **Interventional workflow at Royal Albert Edward Infirmary streamlined by Artis zee**

#### **Siemens Healthcare system enables greater precision**

Royal Albert Edward Infirmary in Lancashire, part of the Wrightington, Wigan and Leigh NHS Foundation Trust, has installed an Artis zee™ floor mounted system with a 20 x 20 detector for use in interventional cardiology. Building upon experience gained with the existing Artis dFC, staff expect this latest addition to deliver workflow efficiencies within the newly opened interventional laboratory.

The Artis zee offers fast image acquisition and post-processing with high system reliability and its compact design also allows flexible positioning for easy patient access. The ergonomically designed tableside controls streamline workflow and enable the clinical team to function more efficiently. It also provides excellent image quality at the lowest achievable doses with the latest CARE (Combined Applications to Reduce Exposure) and CLEAR post-processing algorithms enabling further dose reduction without compromising image quality.

The system also comes with the new Megalix CAT Plus tube featuring unique flat emitter technology that allows fluoroscopy of up to 250 mA, making it ideal for cardiac interventional examinations. IC stent is also delivered with the Artis zee to enable significantly enhanced visualisation of the structure of deployed stents during coronary interventions. With enhanced imaging results and improved workflow efficiencies, the department anticipates it will see an increase in patient throughput.

“The Artis zee sits well within the new interventional lab as it is easy-to-use and helps our staff to build on existing skills. The new interventional lab is a great asset and complements the existing invasive and interventional work already taking place in the existing Siemens Artis dFC lab, which has been

operational for over six years. Quicker examinations and better image quality have helped to streamline workflow within the department,” said Ken Prow, Superintendent Radiographer at Royal Albert Edward Infirmary. “We are still in the early stages following installation, but we anticipate that the system will deliver more accurate images to enhance the standard of care delivered to patients in the region.”

“Using the latest Artis zee system, staff at Royal Albert Edward Infirmary are able to realise even greater workflow efficiencies and increased confidence during interventional procedures,” said Jane Whittaker, Angiography Business Manager at Siemens Healthcare.

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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](http://www.siemens.com/healthcare).

Approximately 336 words

**14 December 2011**

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**Picture caption:** Royal Albert Edward Infirmary in Lancashire, part of the Wrightington, Wigan and Leigh NHS Foundation Trust, has installed an Artis zee™ floor mounted system from Siemens Healthcare for use in interventional cardiology. (Left to right) Nichola Yates, Cardiac Product Specialist - AX at Siemens Healthcare; Dr Sanjay Arya, Consultant Cardiologist; Ken Prow, Superintendent Radiographer; Dr Telal Mudawi, Consultant Cardiologist; Dr Ade Molajo, Consultant Cardiologist and Dr Nayyar Naqui, Consultant Cardiologist.

