

Interventional imaging system installed in operating theatre for combined procedures

Radiologists and vascular surgeons working together at Kent & Canterbury Hospital

Kent & Canterbury Hospital, part of East Kent Hospitals University NHS Foundation Trust, is one of the first sites in the country to use an interventional imaging system in an operating theatre environment. The ceiling-mounted Artis zee™ from Siemens Healthcare has been installed as part of a bespoke setup to incorporate all the aspects of an operating theatre plus state-of-the-art imaging equipment.

The Artis zee brings together vascular radiologists and surgeons in the same room with the patient. This enables a combined approach to treatment, particularly during EVAR (endovascular aneurysm repair) procedures. The surgeon is able to operate on the patient immediately if necessary, in sterile conditions and with the X-ray properties of the Artis zee still available.

The imaging application, *syngo*® DynaCT has also been installed with the system. During an examination, DynaCT delivers CT-like slice images of an organ using the C-arm of the Artis zee. These projections are then reconstructed into a 3D representation which is sent to the monitor of the Artis zee.

“We had previous experience with Siemens systems at Kent & Canterbury Hospital and wanted an interventional solution that was not only cutting edge in terms of design, but could also meet our specific need for a ceiling-mounted system,” said Dr. Mark Downes, Lead Consultant for Interventional Radiology at Kent & Canterbury Hospital. “The Artis zee is a brilliant piece of equipment and it has proven its reliability since being installed.”

“The innovative use of an Artis zee in this environment has delivered great benefits to the hospital and we were able to assist beyond equipment installation to provide a unique combined solution,” said Clive West, Regional Sales and Corporate Business Manager at Siemens Healthcare. “We hope the system will make a real difference to the hospital.”

- ends -

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 is the only company to offer 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 49,000 employees worldwide and operates in over 130 countries. In fiscal year 2008 (to September 30), the Sector posted revenue of 11.2 billion euros and profit of 1.2 billion euros. For further information please visit: www.siemens.com/healthcare.

Approximately 311 words

19 November 2009

For more information or images please contact:

Georgina Wright / Dorothy Chandler
Media Safari
T: 01225 471202
E: georginaw@mediasafari.co.uk / dorothyc@mediasafari.co.uk

Siemens Healthcare
Kerry Milton
T: 01276 696338
E: kerry.milton@siemens.com
W: <http://www.siemens.co.uk/healthcare>

Picture caption: The Artis zee™ at Kent & Canterbury Hospital. (Left to right): Dr. Mark Downes, Lead Consultant for Interventional Radiology; Clive West, Regional Sales and Corporate Business Manager at Siemens Healthcare.

