

Depth and breadth of neuroradiology procedures enhanced at Frenchay Hospital

Artis zee Biplane System and *syngo* InSpace 3D/3D Fusion from Siemens Healthcare assist with the delivery of diagnostic confidence

Frenchay Hospital, part of North Bristol NHS Trust, is providing innovative procedures to support accurate diagnosis in the Neuroradiology Department following the installation of a new Artis zee™ Biplane System from Siemens Healthcare.

Complimented by a 56 inch flat screen display, the Artis zee provides great accuracy in diagnostic and interventional image-guided procedures at a low dose. Greater levels of detail are possible due to the high contrast resolution of the images, requiring less magnification and providing greater diagnostic confidence. The system provides radiologists with highly detailed 3D images during minimally invasive neuroradiology procedures.

“The Artis zee has greatly increased the depth and breadth of procedures we are able to offer and the image quality is exceptional,” commented Rebecca Warren, Superintendent Neuroradiographer at Frenchay Hospital. “The Artis zee *syngo*® InSpace 3D/3D Fusion application is also providing us with superimposed datasets from different modalities, which will help extend the diagnostic information we can gain from for example, tumour assessments.”

The Frenchay Artis zee Biplane system also features Siemens' latest innovative neuro software, *syngo* Neuro PBV. *Syngo* Neuro PBV, provides visualisation of Parenchymal Blood Volume of the whole brain. Measurements can be made directly at table side to compare blood distribution within

different regions of the brain. This software supports interventional procedures such as stroke treatment, tumour biopsy/embolisation and intracranial aneurysms.

Frenchay Hospital is also benefitting from quicker X-ray examinations and smoother patient throughput in the Accident and Orthopaedic X-ray Department following the installation of a new Ysio™ Direct Digital Radiography system from Siemens Healthcare.

“The image quality from the Ysio is fabulous and the speed at which we are now able to gain images is helping us to see more patients,” said Annamarie Miles, Lead Trauma Radiographer at Frenchay Hospital. “The support from Siemens is excellent and the department is enjoying being able to gain high quality images and perform scoliosis imaging with a greatly reduced dose.”

“We are delighted Frenchay Hospital is enjoying increased image quality from its new imaging systems,” commented Darren Parker, Regional Sales Manager at Siemens Healthcare. “The fast, efficient and easy-to-use systems offer excellent image quality and will greatly assist with improving clinical workflows and diagnostic confidence.”

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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.

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For more information or images please contact:

Georgina Wright / Charlotte Rowland
Media Safari
T: 01225 471202
E: charlotter@medisafari.co.uk

Siemens Healthcare
Laura Bennett
T: 01276 696374
E: laura.bennett@siemens.com
W: <http://www.siemens.co.uk/healthcare>

Picture caption:

Frenchay Hospital, part of North Bristol NHS Trust, is providing innovative procedures to support accurate diagnosis in the Neuroradiology Department following the installation of a new Artis zee™ Biplane System from Siemens Healthcare. *(Product shots not taken at Frenchay Hospital)*

