

## New xSPECT technology improves diagnostic confidence at St George's

St George's Healthcare NHS Trust has become the first in the UK to install the new Symbia Intevo™ xSPECT technology from Siemens Healthcare. The Trust has installed two of the systems, a Symbia Intevo Excel and Symbia Intevo T16 as part of a major upgrade within its nuclear imaging diagnostic facility. The Intevo technology is joined by a Symbia® S multi-purpose SPECT system with the three new installations helping to meet present and future workload requirements within the Trust.

The Symbia systems have replaced three gamma cameras within the department and are being used for a wide range of procedures, including tumour, infection and skeletal imaging. The xSPECT technology integrates high sensitivity single-photon emission computed tomography (SPECT) and high specificity CT, combining them to provide anatomical and functional information. The excellent image quality and additional available information has improved diagnostic confidence to clinicians in the department.

"We are delighted to be the first site to install the latest Intevo technology from Siemens Healthcare," states Andy Irwin, Consultant Clinical Scientist at St George's Healthcare NHS Trust. "We have completely revitalised the department, and Siemens were on hand to help with the design of a joint control room, enabling us to continue to increase efficiency and departmental productivity. The team are very happy with the applications training received and have found the interface across all three Symbia systems very intuitive."

The new Symbia Intevo xSPECT systems reconstruct both the SPECT and CT portions of an image into a high frame of reference for precise, accurate alignment of information allowing for differentiation between tissue boundaries in bone imaging. The systems use more CT data than ever before and are still able to limit patient dose by offering Combined

Applications to Reduce Exposure (CARE). The systems also use AUTOFORM collimator, capturing up to 26 percent more counts, helping boost image acquisition time and patient throughput.

Malcolm Pickering, Regional Sales Manager at Siemens Healthcare states, “The Symbia Intevo is the world’s first xSPECT system and demonstrates Siemens’ commitment to continuous innovation. The SPECT and two xSPECT systems are a major upgrade to St George’s Nuclear Medicine Department and are already providing clinicians with additional confidence when it comes to supplying an accurate and rapid diagnosis for patients.”

Siemens Healthcare 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 52,000 employees worldwide and operates around the world [www.siemens.co.uk/healthcare](http://www.siemens.co.uk/healthcare).

-Ends-

### Media contacts

Laura Bennett  
Tel: 07808 823598  
Email: [laura.bennett@siemens.com](mailto:laura.bennett@siemens.com)

Holly Wale / Ben Veal  
Tel: 01225 471202  
Email: [hollyw@mediasafari.co.uk](mailto:hollyw@mediasafari.co.uk)

For further information, please see: [www.siemens.co.uk/press](http://www.siemens.co.uk/press)

Follow us on Twitter at: [www.twitter.com/siemensuknews](https://www.twitter.com/siemensuknews)

**Picture caption:** St George’s Hospital has become the first in the UK to install the new Symbia Intevo™ xSPECT technology from Siemens Healthcare. [Left to right] Anton Paramithas, Clinical Scientist; Laurence Vass, Senior Physicist; Dean Van Gramberg, Locum Technologist; Ellis Wells, Trainee Technologist; Dr Sue Heenan, Consultant Radiologist;

Andy Irwin, Consultant Clinical Scientist; Kajal Massey, Senior Technologist; Bharti Bhatt, Deputy Superintendent; Denzil Hoffland, Senior Radiographer at St George's Hospital.



## About Siemens

**Siemens AG** (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalisation. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is No. 1 in offshore wind turbine construction, a leading supplier of combined cycle turbines for power generation, a leading provider of power transmission solutions and a pioneer in infrastructure solutions and automation and software solutions for industry. The company is also a leading supplier of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2013, which ended on September 30, 2013, revenue from continuing operations totalled €75.9 billion and income from continuing operations €4.2 billion. At the end of September 2013, Siemens had around 362,000 employees worldwide on the basis of continuing operations. Further information is available on the Internet at [www.siemens.co.uk](http://www.siemens.co.uk).