

Frimley, UK
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Royal Blackburn Hospital to expand nuclear medicine offering to include bone scan imaging with new SPECT•CT system

A hospital in East Lancashire is now providing a more comfortable experience to patients undergoing SPECT•CT imaging as a result of the installation of a Symbia™ T Series SPECT•CT system from Siemens Healthcare. Royal Blackburn Hospital, part of East Lancashire Hospitals NHS Trust, recently introduced the new system that will be responsible for a wide range of nuclear medicine procedures.

“Siemens’ Symbia T was the solution of choice for Royal Blackburn Hospital, and we anticipate that the benefits to our patients will include improved image quality and a higher specificity of results,” states Catherine Osborne, Nuclear Medicine Lead Radiographer at Royal Blackburn Hospital. “The technology is providing improved characterisation of indeterminate lesions and differentiation between benign and malignant lesions. This ensures the service we provide to each and every patient is constantly being improved.”

Catherine Osborne adds, “The Symbia T system is being utilised by the hospital for all routine nuclear medicine procedures as well as myocardial perfusion imaging using SPECT•CT for attenuation correction and parathyroid imaging using SPECT•CT for localisation. Its intended use for the future will include oncology scans such as bone scan imaging, lung scans, MIBG and Octreoscans.”

Recently installed, the Symbia T has replaced a single-headed system in the hospital’s Nuclear Medicine department and its affordability was a key factor in the rigorous selection process conducted by the Trust. It is being used by the team at Royal Blackburn Hospital that includes Radiographers, a Medical Technical Officer and an Assistant Practitioner.

David O’Brien, Directorate Manager for Radiology at East Lancashire Hospitals NHS Trust, states, “This state of the art system has replaced a conventional single head gamma camera which served the department well for many years. It is important that as a service we move with technology and this SPECT•CT system is a major development for the Directorate and

another positive achievement for the trust. We are very pleased to be able to offer a more advanced service to our patients and complete examinations more rapidly.”

“We are pleased to learn that Royal Blackburn Hospital’s installation of the Symbia T from Siemens Healthcare is already demonstrating positive results and improving experiences for patients,” states Philip Tesh, Regional Sales Manager at Siemens Healthcare. “As an advanced and highly integrated diagnostic SPECT•CT solution, it is designed with the primary aim of expanding the role of nuclear medicine. The system’s automation enables imaging speeds to be achieved that would have previously been unattainable, leading to faster patient diagnosis and treatment plus the ability to support increased patient volumes.”

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.

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Picture caption: Royal Blackburn Hospital is now providing a more comfortable experience to patients undergoing SPECT•CT imaging as a result of the installation of a Symbia™ T Series SPECT•CT system from Siemens Healthcare. [From left to right]: Emma Birch, Clinical Scientist; Sam Elftesi, Band 6 Radiographer; Joanne Carnovale, Medical Technical

Officer; Tom Newton, Consultant Radiologist; Jackie Morgan, Band 7 Radiographer; Victoria Daye, Band 7 radiographer at Royal Blackburn Hospital; Philip Tesh, Regional Sales Manager at Siemens Healthcare; and Gillian Wardropova, Regional Sales Manager at Siemens Healthcare.



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.