

Frimley, UK
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Regional trauma centre at Musgrove Park Hospital installs advanced CT system

Musgrove Park Hospital, part of Taunton and Somerset NHS Foundation Trust, has installed a SOMATOM® Definition Flash CT system from Siemens Healthcare. The hospital, announced as a regional trauma centre in 2012, is using the system to support its cardiology services, in addition to providing oncology, vascular and general trauma imaging. The Definition Flash is assisting departmental workflow thanks to its rapid imaging times, currently enabling around 250 patients to be scanned weekly.

The SOMATOM Definition Flash includes two X-ray tubes, allowing it to complete an entire heart scan in 250 milliseconds with the right dose to the patient - that is the most appropriate for the specific patient with regard to dose and diagnostic image quality. The use of Stellar Detectors in the system generates ultra-thin slices with high spatial resolution, featuring TrueSignal Technology to keep noise levels to a minimum. Additionally, the Dual Source CT system is equipped with two adaptive dose shields, ensuring patients receive the lowest, clinically relevant dose possible.

“Musgrove was designated a regional trauma centre earlier this year and this CT scanner, which is generally acknowledged to be the world’s most advanced, reinforces our commitment to providing the finest imaging facilities,” states Gill Stapleton, Deputy Clinical Manager at Musgrove Park Hospital. “We have been fortunate to install the scanner in a suite large enough to accommodate a full trauma team, with adjacent reporting and viewing facilities. Because of this, we will continue to benefit from working with Siemens as a reference site for product development and visits from other CT teams.”

“The installation of the SOMATOM Definition Flash at Musgrove Park will have a

positive impact on the hospital's cardiac capabilities, especially after its designation as a regional trauma centre," states Darren Parker, Regional Sales Manager at Siemens Healthcare. "The system is designed to deliver fast and accurate CT imaging, which enables clinicians at the hospital to gain high quality cardiac images as well as supporting other services. The aim with CT is always to produce the best possible image quality at the lowest dose – the Definition Flash is helping Musgrove Park to achieve that."

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Picture caption:

Musgrove Park Hospital, part of Taunton and Somerset NHS Foundation Trust, has installed a SOMATOM® Definition Flash CT system Siemens Healthcare. The hospital, announced as a regional trauma centre in 2012, is using the system to support its cardiology services, in addition to providing oncology, vascular and general trauma treatment. Left to right: Louise Hillier, CT Applications Specialist at Siemens Healthcare; Dr Danial Fox, Consultant Radiologist and CT Lead; Gill Stapleton Smith, CT Project Manager; Emma Cubitt, Specialist CT Radiographer; Ben Ying, CT Modality Lead at Musgrove Park Hospital; Rosalinde Wykes, Chairman of Taunton and Somerset NHS Foundation Trust; Darren Parker,

Regional Sales Manager; Graham Davies Project Manager at Siemens Healthcare;
Paul Winterson, Specialist CT Radiographer at Musgrove Park Hospital.

