

Ramsay Health Care extends services with mobile 64-slice CT

First UK installation of SOMATOM Definition AS into mobile imaging trailer

Ramsay Health Care UK, in conjunction with Siemens, has installed a 64-slice CT scanner into a mobile vehicle. The SOMATOM® Definition AS is a leading high-end multislice CT with uncompromising versatility. It is being used to provide a high quality CT service to eight hospitals within the Ramsay Health Care group and replaced a six-slice Siemens SOMATOM Emotion CT.

The new 64 slice scanner has extended the range of procedures now available at the Ramsay sites to include virtual colonoscopy, calcium scoring, coronary CT and orthopaedic imaging.

Every scan is acquired with 0.6mm detectors and due to Z-sharp technology, this gives spatial resolution of 0.33mm for every scan. Fast rapid acquisitions are also possible as the Straton X-ray tube allows rotation speeds of up to 0.33s and requires no cooling delays. The high temporal resolution of up to 165ms, combined with extremely fast coverage at 64 slices per rotation, delivers crystal-clear images, free of movement artifacts and showing the finest anatomical details for all examinations.

With the new CT in place, patients scanned on the Definition AS will benefit from the minimal space requirements and larger 78cm bore that easily accommodates the claustrophobic or obese. The system also actively manages the radiation dose in each examination and removes clinically unnecessary dose for every patient. This is achieved by Siemens' unique Adaptive Dose Shield that blocks pre and post spiral dose either side of the scan range to deliver a more patient-friendly scan.

“We selected Siemens and the SOMATOM Definition AS due to the unique patient benefits that the system affords. It also met the specific clinical demands requested by our sites; we needed a 64-slice CT system that could be installed in a mobile vehicle,” said Sasha Burns, General Manager Imaging at Ramsay Health Care. “We now have a more flexible and advanced system in place that will provide a sound scanning facility for eight of our hospital sites.”

“This installation marks a milestone as the first UK installation of a 64-slice Siemens CT system in a mobile vehicle,” said Vince Golledge, Regional Sales and Corporate Business Manager at Siemens Healthcare. “Upgrading to the Definition AS will give Ramsay Health Care patients access to a leading system that will provide a more personalised and comfortable scanning experience to meet individual needs.”

The SOMATOM Definition AS is supporting eight Ramsay Health Care sites. These are Euxton Hall Hospital in Chorley, Fitzwilliam Hospital in Peterborough, New Hall Hospital in Salisbury, Nottingham Woodthorpe Hospital, Oaks Hospital in Colchester, Pinehill Hospital in Hitchin, Renacres Hospital in Ormskirk and Winfield Hospital in Gloucester.

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About Siemens Healthcare

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For more information or images please contact:

Georgina Wright / Dorothy Chandler

Media Safari

T: 01225 731388

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 SOMATOM Definition AS in Ramsay Health Care's mobile trailer. (Left to right): Vince Golledge, Siemens Regional Sales and Corporate Business Manager, Sasha Burns, General Manager Ramsay Imaging, Anna Sedgwick, Siemens CT Applications Specialist, Greg Baker, Siemens CT Applications Specialist, Stephen Wilson, Lead CT Radiographer Ramsay Imaging, Matt Evans, Senior Radiographer Ramsay Imaging and Emma Anderson, Clinical Manager Ramsay Imaging.



Picture caption: The SOMATOM Definition AS is supporting eight Ramsay Health Care sites across the country, including Winfield Hospital in Gloucester. (Left to right): Emma Anderson, Clinical Manager Ramsay Imaging, Vince Golledge, Siemens Regional Sales and Corporate Business Manager and Sasha Burns, General Manager Ramsay Imaging.

