SIEMENS

Press

Healthcare

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Siemens presents expanded portfolio of innovative imaging solutions at RSNA 2014

Siemens Healthcare recently showcased a growing range of new offerings across its entire imaging and therapy portfolio at the 100th conference of the Radiological Society of North America (RSNA) in Chicago, U.S.A. Representatives from the company demonstrated how its expanding product portfolio is supporting healthcare providers around the globe to face the challenges of a transforming healthcare system, with solutions that help to provide high diagnostic confidence and efficient workflows.

Siemens demonstrated the latest expansion to its portfolio of MR systems at the industry event with the new **MAGNETOM® Amira** 1.5-tesla system. The MR scanner stands out against other systems due to its lower operating costs, with “Eco-Power” technology enabling power savings of up to 30 per cent in standby mode compared to when the feature is not activated. MAGNETOM Amira also utilises DotGO software which simplifies protocol management, offering the right operating sequence for each procedure to suit requirements. This helps increase the consistency, reproducibility and efficiency of procedures.

A range of X-ray systems utilising the new **MAX (Multiple Advances in X-ray) technology** were also on display at RSNA. Multiple advances touching multiple aspects of work can only be achieved when all system elements are seamlessly integrated in one network. The Max technology incorporates two new detectors, the Max wi-D and Max Mini, where both can be shared between all Max systems. This enables the best image quality to be achieved in the shortest amount of time possible. The new MAX functions are currently available on the systems Ysio Max, Mobilett Mira Max, Luminos dRF Max and Luminos Agile Max.

Delegates were also able to observe the new version of the **SOMATOM® Definition Edge**, that utilises TwinBeam technology to open up the dual energy mode for routine clinical use.

The innovative X-ray tube concept in the CT scanner enables simultaneous imaging at two different energy levels for the first time in single source CT. In addition to increasing the diagnostic stretch of clinical images, TwinBeam technology minimises the X-ray dose required in a different way to other single source dual energy procedures.

Two new clinical applications for angiography were also showcased: ***syngo*® Dyna4D** enables time-resolved 3D imaging in angiography, making it possible to visualise the three-dimensional volume of the vessels and the flow behaviour of blood. The ***syngo* DynaCT Smart** removes metal artifacts and allows the physician to detect bleedings close to metallic objects.

“As an organisation, we place the utmost importance on continuing to develop innovative solutions, and our new offerings presented at RSNA put equal emphasis on helping to improve patient outcomes and increasing clinical efficiency,” states Peter Harrison, Managing Director UK at Siemens Healthcare. “We are acutely aware of the demands that are placed on UK clinicians and hospitals on a daily basis. This is why we design solutions that are developed to support clinicians in providing rapid and effective care.”

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.

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[1] Prerequisites include: Internet connection to clinical network, DICOM compliance, meeting of minimum hardware requirements, and adherence to local data security regulations.

Notes to editors

The products/features (here mentioned) are not commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed. Further details are available from the local Siemens organisations.

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Picture caption: Siemens Healthcare recently showcased a growing range of new offerings across its entire imaging and therapy portfolio at the 100th RSNA conference in Chicago, U.S.A, including the new MAGNETOM® Amira 1.5-tesla system.

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.