SIEMENS

Healthcare Sector

Press

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New version of *syngo*.via helps increase diagnostic efficiency

Siemens Healthcare has introduced the new version (VA20) of its routine 3D and advanced reading software *syngo*®.via, at the 98th Scientific Assembly and Annual Meeting of the Radiological Society of North America (RSNA) 2012 in Chicago. This new version features expanded mobile applications as well as enhanced functionality and additional applications.

syngo.via now includes new applications for mammography reading and complex examinations in neurology, oncology and cardiovascular diagnostics. Siemens Healthcare also presented an entry-level software package for 3D visualisation of CT examinations. The new *syngo*.via version supports hospitals and practices to enhance efficiency by means of IT, one of the goals of Siemens Healthcare's initiative Agenda 2013. To date there are more than 2,000 *syngo*.via systems ordered globally.

The new version of *syngo*.via offers more than 70 advanced clinical applications including optional applications that can be used in reviewing mammograms, with particular focus on Tomosynthesis studies. Furthermore, as scans can be compared with images from other modalities without the need to switch applications, *syngo*.via helps streamline workflow. In addition, new applications for *syngo*.via include, among others, MR Vascular Analysis for quantifying vascular findings. If the radiologist identifies a stenosis, for example, the software can provide quantitative information such as the length or degree of the constriction in the blood vessel.

Enhanced functionality

Another new feature, called Region Growing enables *syngo*.via users to better visualise anatomical structures from volume datasets, for example from vascular or

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neurological examinations. This improved view assists both the diagnosis and surgical planning. The new feature, Automatic Spine Labeling, automatically labels the vertebrae in 2D and 3D images from CT or MRI, allowing the radiologist to quickly refer to these labels when dictating a diagnosis rather than having to identify the vertebrae manually.

New entry-level solution *syngo*.via Element

With *syngo*.via Element, Siemens presents an entry-level solution for 3D routine and advanced reading. This software package is based on the latest *syngo*.via version and includes applications and functionalities specifically designed for reading CT studies, for example in neurology and oncology. *syngo*.via Element is designed to meet the needs of specialised practices and community hospitals that may not require a full suite of *syngo*.via applications. *syngo*.via Element is available with the SOMATOM® Perspective and SOMATOM Emotion CT systems from Siemens Healthcare.

Diagnostic reading on the iPad

A new version of the mobile application *syngo*.via WebViewer was also presented. Users are not only able to view images and reports, but when they find themselves without access to a diagnostic workstation, they will be able to perform diagnostic reading directly on the iPad. *syngo*.via WebViewer provides access to images from MRI, CT and now also images from computed and digital radiography, PET and PET CT devices. To simplify use in clinical routine, new layouts allow for the display of multiplanar reconstructions on one screen. This makes it easier for users to navigate through 3D anatomy to get a better overview of the case. Depending on the number of users required to work simultaneously, *syngo*.via WebViewer can be configured as an integrated solution with *syngo*.via, which eliminates the need for additional server hardware, helping to save costs.

“Siemens Healthcare is delighted to introduce the latest version of *syngo*.via at RSNA 2012, in addition to unveiling the new entry-level *syngo*.via Element system,” states Ronan Kirby, *syngo* Business Manager UK and Ireland at Siemens Healthcare. “The added iPad diagnostic reading functionality in *syngo*.via WebViewer helps clinicians maintain workflow even when away from workstations. Additionally, *syngo*.via’s new applications, tailored for a broad range of examinations

and diagnostics, reinforces our Agenda 2013 aim of supporting hospital efficiency through IT."

Notes to editor

syngo.via can be used as a standalone device or together with a variety of *syngo*.via-based software options, which are medical devices in their own rights.

The iPhone and the iPad are registered trademarks of Apple Inc., registered in the U.S. and other countries.

Agenda 2013 is a **global initiative** to further **strengthen** Healthcare Sector's **innovative power and competitiveness**. Four fields of action have been defined: **Innovation**, **Competitiveness**, **Regional Footprint**, and **People Development**, with specific measures to be implemented over the next year.

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Picture caption:

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