

Frimley, UK
December 02, 2013

Siemens presents new mammography system for the midrange price segment

Siemens has launched the MAMMOMAT Fusion, a new mammography system for screening and diagnostics at the annual conference of the Radiological Society of North America (RSNA). The latest addition to the family of mammography systems from Siemens Healthcare combines robust technology with selected product features from the premium segment, addressing the specific needs of the midrange price segment, such as small to medium-sized hospitals.

Siemens Healthcare is one of the first manufacturers to integrate a new generation cesium-iodide detector in a mammography system, enabling the MAMMOMAT Fusion to deliver reliable and high-quality images. An innovative layered configuration of the photo diodes within the detector enables more efficient dose utilisation. This results in a higher resolution with a lower dose when compared with other cesium-iodide detectors.

The MAMMOMAT Fusion features OpDose, ensuring dose can be individually set for individual patients, without compromising excellent image quality. The appropriate parameters can be selected in accordance with the patient's breast size and density. This, along with the large image matrix of 23 x 30 centimetres, means the MAMMOMAT Fusion is an excellent choice for screening various breast sizes.

The screening process has also been simplified for clinical staff thanks to the compact *syngo*TM based Acquisition Workstation (AWS), meaning patient data can be loaded directly from the Radiology Information System (RIS) without the need for a second workstation. Clinical personnel also benefit from an intuitive and automated workflow meaning the system can be ready to scan in just one click. Manual positioning is effortless, allowing more time and attention to be focused on

the patient.

“Siemens Healthcare is thrilled to launch the MAMMOMAT Fusion at RSNA 2013, which features a new generation cesium-iodide detector helping to promptly deliver high-quality images,” states Lynn Blackburn, Mammography, Surgery and Urology Business Manager at Siemens Healthcare. “The system opens the doors to efficiency for the mid-range market, thanks to integrated technologies that were previously only available in the premium segment.”

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Picture caption:

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