SIEMENS Healthineers

Press

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Siemens Healthineers Announces First U.S. Installation Of SOMATOM X.cite Premium CT Scanner

- **Orlando Health ORMC installs new system, which includes myExam Companion intelligent user support to guide technologist through clinical workflow**

Florida's Orlando Health Orlando Regional Medical Center (ORMC) recently became the first healthcare institution in the United States to install the SOMATOM X.cite, a premium single-source computed tomography (CT) scanner from Siemens Healthineers that offers advanced imaging capabilities with a focus on the patient experience.

The SOMATOM X.cite is the first CT scanner to feature the new myExam Companion intelligent user interface, which guides the radiologic technologist through the exam workflow with precise questions regarding the patient. Combining available patient data (gender, age, etc.) with other patient-specific information, myExam Companion identifies optimal acquisition and reconstruction techniques for each patient, increasing the efficiency and consistency of the imaging process.

Other features of the SOMATOM X.cite include a large, 82 cm gantry bore, a powerful Vectron X-ray tube, and spectral imaging with TwinBeam Dual Energy. Together with the Stellar^{Infinity} detector, the Vectron X-ray tube enables visualization of even the smallest details with 0.30 mm precision resolution. Additionally, a Patient Observation Camera allows the technologist to closely monitor the patient while inside the gantry. A detachable, gantry-mounted tablet allows the technologist to complete nearly the entire exam workflow from within the scan room while maintaining focus on the patient. An optional FAST 3D Camera collects additional anatomical information and automatically positions the patient at isocenter.

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"This new technology provides many benefits for patients and clinicians," said Frans van Dijk, MD, Radiology Department Chairman, Orlando Health ORMC. "With a bore that's nearly 3 feet in diameter, patients will be more comfortable, and the added space will make it easier to perform additional diagnostic procedures while the patient is being scanned. The unit's tablet will allow the clinician to preview the scanned images while staying close to the patient at all times." [1]

"The large bore and mobile workflow of the SOMATOM X.cite, which also features MyExam Companion to provide optimal acquisition and reconstruction techniques for each patient based on artificial intelligence, will help enable consistency and optimal utilization of scanner technologies at Orlando Health ORMC," said Douglas Ryan, Vice President of Computed Tomography at Siemens Healthineers North America.

[1]The statements by Siemens Healthineers customers described herein are based on results that were achieved in the customer's unique setting. Because there is no "typical" hospital or laboratory and many variables exist (e.g., hospital size, samples mix, case mix, level of IT and/or automation adoption) there can be no guarantee that other customers will achieve the same results.

For further information on the SOMATOM X.cite and myExam Companion, please see http://siemens-healthineers.us/somatom-xcite and http://siemens-healthineers.us/myexam-companion

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