

Toshiba Launches Premier CT System to Accurately Image More Patients Faster and Safer

Launched at the RSNA Annual Meeting in Chicago, Toshiba America Medical Systems, Inc.'s newest and most advanced CT system yet, the Aquilion™ ONE ViSION Edition, will enable hospitals to diagnose faster and safer. The system offers a low dose exam with the largest bore, widest coverage and thinnest slices.

Aquilion ONE ViSION Edition is equipped with a gantry rotation of 0.275 seconds, a 100 kw generator and Quantum Vi detector, which features 320 detector rows (640 unique slices) covering 16 cm in a single rotation, with the industry's thinnest slices, 500 microns (0.5 mm). The system can accommodate more patients with its 78 cm bore and fast rotation, including bariatric and patients with high heart rates.

Aquilion ONE ViSION Edition also includes Toshiba's third-generation iterative dose reconstruction software, AIDR 3D, which incorporates significant system enhancements by reducing radiation dose compared with conventional scanning.

"Aquilion ONE ViSION Edition reduces risk and maximizes returns," said Satrajit Misra, senior director, CT Business Unit, Toshiba. "It is capable of imaging the entire brain and heart in a single rotation with 500 micron accuracy, and can capture both anatomical and functional data."

Aquilion ONE ViSION Edition has been installed at;

- Fujita Health University in Japan
- National Heart, Lung, and Blood Institute (NHLBI) at National Institutes of Health in Bethesda, Md.
- Radboud University Nijmegen Medical Centre in the Netherlands
- Monash Medical Centre Clayton, Southern Health, Australia
- Hong Kong Sanatorium & Hospital in Hong Kong
- Iwate Medical University in Japan.

Future installations include;

- University Health Network - Toronto General Hospital in Canada
- Rigshospitalet in Denmark

Published on : Wed, 28 Nov 2012