Nawaloka Hospital Launches World’s Fastest And Most Accurate CT Scanner



Nawaloka Hospital has acquired the world’s first dynamic volume CT system, Toshiba’s Aquilion ONE becoming South Asia’s first medical facility to offer this cutting edge technology to the country. The Island’s first 0.35 second Cardiac CT was performed using this scanner in the presence of President Mahinda Rajapaksa.

“We, at Nawaloka, have always tried to push the boundaries of medical technology. Since our inception, our goal has always been to provide Sri Lankans with access to the very best in healthcare. In fact, I could safely say that we are on par with the developed world when it comes to medical technology and procedures,” said Jayantha Dharmadasa, Chairman and CEO of Nawaloka Hospital. “The launch of the

latest generation CT scanner further cements our role as a truly trail-blazing private healthcare service provider both in Sri Lanka and all of South Asia."

"We plan to keep up this momentum," he added noting that the infrastructure developments in the pipelines will further strengthen its position as one of the foremost private healthcare service providers in the country.

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The Aquilion ONE is the first CT scanner to provide dynamic 4D images. The revolutionary system is capable of covering an entire organ in as little as a single rotation of the gantry thanks to its unique 16 cm wide area detector. With scanning speeds as low as 0.35 seconds, the system is capable of capturing the entire heart over a single heartbeat to include complete functional diagnosis while its 640 slice technology helps obtain the highest levels of detail from a single scan.

"We believe that technology is a vital tool to help doctors take better care of our patients," said Professor Lal Chandrasena, Director/General Manager of Nawaloka Hospital. "With the new, cutting edge CT scanner, our customers will have access to the fastest, and more importantly, most accurate CT scan in all of South Asia."

The inclusion of AIDR 3D in the device, the latest evolution of iterative reconstruction technology, automatically reduces exposure by up to 75 percent as compared to traditional systems. This technology also reduces noise levels in the image thereby helping capture the minutest of details. Its ability to review moving joint structures in 3D provides new clinical applications for orthopaedic imaging. The system is also ideal for a wide array of diagnostic measurements. With the acquisition of this 640 slice CT scanner; Nawaloka Hospital continues its legacy of offering world class healthcare services to Sri Lankans.

