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Canon Medical Systems India inks agreement with Rajiv Gandhi Cancer Institute & Research Centre for advanced cancer diagnostics

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Centre will be using Canonâ??s new flagship 640-slice CT system, Aquilion ONE / INSIGHT Edition



Dr. Sunil Kumar Puri, Director, Radiology & Interventional Oncology, Rajiv Gandhi Cancer Institute & Research Centre, with Mr. Koh Yamada, President & CEO, Canon Medical Systems India Pvt. Ltd., (left) formalizing the partnership.



Dr. Sudhir Rawal, Medical Director & Director, Surgical Oncology, Rajiv Gandhi Cancer Institute & Research Centre, with Mr. Koh Yamada, President & CEO, Canon Medical Systems India Pvt. Ltd., (right) during the signing of the collaboration.

Canon Medical Systems India has announced the signing of a Memorandum of Understanding (MoU) with Rajiv Gandhi Cancer Institute & Research Centre, further strengthening its footprint in the medical segment.

Under the agreement, the Centre will be using Canon’s new flagship 640-slice CT system, Aquilion ONE / INSIGHT Edition, for research on advanced cancer diagnostics.

This collaboration reflects Canon Medical’s commitment to elevating healthcare standards in India through innovation rooted in its ‘Made for Life’ philosophy. The Aquilion ONE / INSIGHT Edition features CT imaging technology, blending wide-area (16-cm) coverage with deep learning-based artificial intelligence (AI) to transform diagnostic capabilities.

Canon Medical’s Aquilion ONE / INSIGHT Edition continues to redefine the capabilities of a premium CT by integrating AI technology on a wide-area (16-cm) CT platform to maximise conventional and spectral CT capabilities to assist physicians in making more informed decisions across the patient care cycle. The system features several game changing technologies such as Precise IQ Engine (PIQE), Advanced intelligent Clear-IQ Engine (Ace), SilverBeam and INSTINX.

Precise IQ Engine (PIQE) is Deep Learning AI Technology that makes images sharper to show finer details for better delineation of small anatomical structures for a more definitive diagnosis. The 1024 matrix allows images to be enlarged up to four times the size of a 512 image, without a loss of resolution. Advanced intelligent Clear-IQ Engine (AiCE) combined with the SilverBeam Filter technology delivers high-quality chest CT at lung cancer screening dose to minimize the dosage to screening candidates. With AI-assisted workflow support from the new INSTINX platform with features such as automatic scan planning and anatomical landmark detection, the new system makes high-quality scanning easier and more efficient than ever before.