

Canon Medical Introduces Aquilion Serve at ECR



[Canon Medical](#) launched its new 80/160-slice CT scanner - the Aquilion Serve - at ECR 2023. Designed for busy medical imaging departments, it delivers consistent imaging results, better image quality, lower radiation dose, and faster throughput, creating more time for patient care.

The Aquilion Serve is an efficient solution for all routine examinations, including trauma. Its newly designed 80-cm wide bore gantry features two, easy-to-use, touch panels and two inbuilt cameras that support automated one-touch patient positioning. Also introducing INSTINX, a next-generation workflow solution, which combines innovative AI-enabled automation with an intuitive user experience to support fast, easy, and safe CT examinations. The new workflow also dramatically reduces training time for operators.

Preview first

The Aquilion Serve introduces the industry-first, 3D Landmark Scan, acquired at the same dose as a traditional dual scanogram. 3D Landmark Scan previews axial slices together with the traditional AP and lateral views. This, in conjunction with Anatomical Landmark Detection (ALD), can accurately identify the anatomical structures required to perform automatic scan planning for all routine examinations. In addition, scan range and field of view can be automatically set to a position that is predefined in the scan protocol to save time, while ensuring consistent results for all CT technologists.

Sharp imaging

Harnessing the power of deep learning, Advanced intelligent Clear-IQ Engine (AiCE) delivers extremely sharp, clear, and distinct CT images. Fully integrated into the patient-centric workflow, significantly reducing the dose levels.

New standards in workflow efficiency

Introducing INSTINX, a total workflow experience redesigned from the ground up setting new standards in efficiency and consistency. Every workflow detail has been thoroughly refined based on clinical testing in medical centers worldwide. Now every operation is more intuitive and can be learned faster than ever before. This ease of use contributes to work satisfaction, time savings, and flexible allocation of resources.

[Learn more about the Aquilion Serve](#)

Source: [Canon Medical](#)

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