

#RSNA14: A New Healthcare Solution From Samsung



Samsung Electronics America Inc., a subsidiary of Samsung Electronics Co., Ltd, has successfully reinforced its commitment to delivering fast, easy and accurate diagnostic solutions for healthcare providers. The company displayed its expanded portfolio at the annual meeting of the Radiological Society of North America (RSNA).

"From our expanded line of Digital Radiography systems, to the launch of our first premium Ultrasound for the Radiology segment and groundbreaking Point-of-Care ultrasound trials, this has been the most significant year of investment and growth to date for Samsung in Health and Medical Equipment," said Soo-In Cho, President and Head of the Health & Medical Equipment Business at Samsung Electronics Co., Ltd. "We remain committed to continually demonstrating to the healthcare community how the combination of Samsung imaging technology, user-inspired design and customer-centric innovation can help enhance the quality of care for patients and unlock workflow efficiencies for hospitals and providers."

Expanded Line-up for Radiology Segment

New radiology applications on display at RSNA include:

Samsung RS80A, a high-resolution, full-featured, premium ultrasound system offering an intuitive user-interface and design, and sophisticated digital image processing and superb resolution to support accurate diagnosis. Recently introduced into the U.S. market, the system is the latest addition to Samsung's comprehensive portfolio of Ultrasound imaging solutions.

Samsung GM60A, pending FDA 510(k) clearance, is a mobile DR system that delivers high-quality imaging directly to the patient's bedside. The GM60A combines effortless workflow with advanced mobility, providing high diagnostic confidence with excellent image quality and reliable operation with enhanced usability on the go.

Samsung GC85A, not currently available in the US market, is an enhanced DR system offering streamlined workflows, diagnostic confidence and improved total cost of ownership. The GC85A features the S-Vue imaging engine, ensuring consistency with high quality imaging, convenient setting of contrast and improved sharpness and clarity.

Breakthrough Solutions for Emergency Services

Innovative applications in the Point-of-Care segment on display at RSNA include:

A groundbreaking trial utilizing **tablet-based ultrasound** in emergency services vehicles in the Dallas-Fort Worth metropolitan area to help inform advance treatment decisions for critical trauma patients. Images are transmitted wirelessly from

Samsung's PT60A ultrasound using Trice Imaging's mobile encryption and image management system, improves the ability of physicians to view immediate images of what the responders are seeing in the field thus enabling them to better determine the course of treatment.

Mobile Stroke Treatment Unit, an emergency response vehicle equipped with highly specialised staff, medications and equipment. This includes a portable NeuroLogica CereTom CT scanner – designed to get stroke patients potentially life-saving care faster by bringing treatment to them. The innovative unit, one of the first of its kind in the country, launches in tandem with Cleveland EMS for 911 calls for suspected strokes in the city of Cleveland and has treated over 100 patients since its launch in July of this year.

Expanded DR Lineup Features Advanced Image Quality, Increased Connectivity

Samsung's new imaging engine, **S-Vue**, offers sophisticated digital image processing and superb resolution to support accurate diagnosis. Its ability to take high quality images of various anatomical structures ensures consistency, and with its advanced noise filtering and capturing of fine pulmonary vessels, S-Vue also offers improved sharpness and clarity for accurate diagnosis.

Samsung's **S-Detector**, which supports enhanced image quality and patient safety with greater DQE (Detective Quantum Efficiency) and lower NED (Noise Equivalent Dose), has also been updated with additional usability features. The new S3025-W, pending FDA 510(k) clearance, is lightweight and streamlined to improve usability, and offers water and dust resistance to enhance durability.

S-Share, pending FDA 510(k) clearance, is Samsung's new platform for increasing connectivity, expected to be featured in all Samsung DR

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devices including the GU60A, GM60A and GC80, within a single hospital.

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