



University of Rochester Medical Center and GE HealthCare form seven-year Care Alliance to build advanced capabilities across system

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- Multi-year collaboration enables advanced diagnostic imaging and center of excellence in imaging sciences department across PET/CT, SPECT/CT, CT, MRI, and ultrasound.
- In-house production of radiopharmaceutical tracers helps enable precision medicine and theranostics program.
- Full standardization of patient monitoring across health system supports operational efficiency and consistent care for patients.

ROCHESTER, N.Y.--(BUSINESS WIRE)--Dec. 3, 2025-- University of Rochester Medical Center (URMC) and GE HealthCare (Nasdaq: GEHC) announce a Care Alliance to build advanced capabilities across URMC's footprint in upstate New York, including a center of excellence in its Imaging Sciences department, the addition of diagnostic tracer production for molecular imaging applications, and the standardization of patient monitoring across the entire UR Medicine health system.

The newly formed Care Alliance spans seven years and comes as an expansion of a longstanding relationship between URMC and GE HealthCare. With the Care Alliance in place, the organizations will work to implement efficiencies across the system that can help to decrease burdens on IT, biomed, and clinicians; while standardizing equipment throughout the health system to help ensure patients receive exceptional care when and where they receive it.

"Advancing our mission to provide the highest quality patient care, this Care Alliance with GE HealthCare brings advanced imaging and monitoring systems across the Finger Lakes region. We are improving access and efficiency to ensure our patients receive the best care close to home," said Jennifer Harvey, MD, Chair of Imaging Sciences.

"URMC's commitment to continuous improvement and access to advanced technology has facilitated a meaningful collaboration that we believe will have a positive impact on patient care," said Shane Penzone, Market Vice President at GE HealthCare. "We are excited to work with URMC to enable the future of healthcare through our Care Alliance, combining advancements in AI technology, precision care, innovative care pathways, data, and insights to deliver efficient care in the communities where their patients live."

Imaging Sciences Center of Excellence

The Care Alliance supports URMC's Imaging Sciences center of excellence strategy through significant additions across advanced diagnostic imaging solutions. As part of the system-wide technology deployment, the program includes in-place upgrades to existing MRI systems and the delivery of new MRI systems with on-device AI applications that reduce imaging noise resulting in clearer images while reducing time on the scanner. The Continuum+ package allows for ongoing software upgrades as technology becomes available for ongoing, high-level care across the UR Medicine fleet of equipment. The institution will also install one of the first Aurora SPECT/CTs in the U.S., a dual-energy CT capable of single heartbeat cardiac scans, and the addition of LOGIQ™ E10 ultrasound portfolio. The agreement is structured so technologies can be upgraded in place as new innovations and applications become available, minimizing the need for new construction, reducing downtime, and supporting a higher level of environmental responsibility.

"Technology is changing rapidly and the Care Alliance with GE HealthCare will provide their latest, next-generation systems for advanced care," Harvey said.

Radiopharmaceutical and theranostics program

Precision medicine is transforming diagnostic and treatment options for oncology patients. For example, the use of prostate-specific membrane antigen (PSMA) PET scans has allowed detection of prostate cancer as well as planning of targeted therapy. This is only the beginning with new therapies for ovarian¹ and thyroid² cancers under research now. URMC is working to obtain an on-site cyclotron for patient care and innovative research.

Addition of a cyclotron at URMC can help to power precision medicine and theranostics efforts by enabling in-house production of the short-lived radioisotopes essential for advanced imaging techniques, such as PET scans. Localized access to radioisotopes helps avoid disruptions in treatment schedules, which can be critical for patients with aggressive diseases like cancer³. Diagnostic tracers can attach to specific disease cells and release radioactive emissions that provide detailed molecular information unique to each patient. It helps individualized treatment planning, care, and monitoring when imaged with solutions in URMC's stable like the Omni Legend PET/CT platform or Aurora SPECT/CT platform.

Patient monitoring standardization

The Care Alliance will see the full standardization of patient monitoring at URMC across bedside monitors, telemetry, central monitoring, and networking and connectivity solutions. This includes solutions from across the Carescape™ monitoring portfolio, namely Carescape ONE patient monitors powered by the Carescape Canvas monitoring platform.

"Our goal is to create a standardized monitoring platform that includes the right monitor for right patient at the right time," said Michael Scott, MB, ChB, URMC's chair of Anesthesiology and Perioperative Medicine. "We aim to optimize monitoring systems, alarm systems, and data display, while at the same time, introducing wearable technology whenever possible during recovery."

Adding the Carescape platform aims to help URMC address administrative burdens with simplified workflows and save clinicians time with a flexible, intuitive user experience. It can be configured to support caregivers in their goal to reduce alarm fatigue, which can help to lead to improved patient safety and enhanced clinical decision-making⁴, while also reducing stress on staff⁵. Standardized patient monitoring across the system is intended to support a higher quality of care and improved operational efficiency⁶. Carescape Canvas and Carescape ONE additionally bring backward and forward compatibility to the patient monitoring suite, which allows healthcare providers to adopt new technology while staying compatible with existing technology in their fleet.

About GE HealthCare Technologies Inc.

GE HealthCare is a trusted partner and leading global healthcare solutions provider, innovating medical technology, pharmaceutical diagnostics, and integrated, cloud-first AI-enabled solutions, services and data analytics. We aim to make hospitals and health systems more efficient, clinicians more effective, therapies more precise, and patients healthier and happier. Serving patients and providers for more than 125 years, GE HealthCare is advancing personalized, connected and compassionate care, while simplifying the patient's journey across care pathways. Together, our Imaging, Advanced Visualization Solutions, Patient Care Solutions and Pharmaceutical Diagnostics businesses help improve patient care from screening and diagnosis to therapy and monitoring. We are a \$19.7 billion business with approximately 53,000 colleagues working to create a world where healthcare has no limits.

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About University of Rochester Medical Center

The University of Rochester Medical Center is one of the nation's leading academic medical centers, encompassing education, research and patient care missions. URMC has more than \$6 billion in annual revenue and employs more than 32,000 faculty physicians and staff across its network of eight hospitals in Rochester and western the Finger Lakes region of New York. Its health system includes the NCI-designated Wilmot Cancer Institute; a transplant institute that is the state's largest outside of New York City; and one of the largest and most comprehensive orthopedics campuses in the Northeastern U.S. URMC's flagship quaternary care teaching hospital, Strong Memorial, is among the fewer than two percent of U.S. hospitals to earn five consecutive Magnet designations for nursing excellence. The birthplace of biopsychosocial model of medicine, URMC is nationally ranked for the quality of its medicine, dentistry, and nursing education. With \$374 million in research funding, its areas of excellence include cancer, RNA biology, neuroscience, orthopedics, immunology, human health and the environment, and aging.

¹ Alavi M, Alavi S, Alavi F, et al. Theranostic nanomedicine: A promising approach for personalized cancer treatment. *Front Drug Deliv.* 2024;1339936. doi:10.3389/fddev.2024.1339936.

² National Cancer Institute. Treatment Clinical Trials for Thyroid Cancer. November 14, 2025. [Cancer.gov. https://www.cancer.gov/research/participate/clinical-trials/disease/thyroid-cancer/treatment?pn=1](https://www.cancer.gov/research/participate/clinical-trials/disease/thyroid-cancer/treatment?pn=1)

³ GE HealthCare. "These Cyclotrons Generate Imaging Tracers On-site to Boost Precision Medicine," August 9, 2022. <https://www.gehealthcare.com/insights/article/these-cyclotrons-generate-imaging-tracers-onsite-to-boost-precision-medicine>

⁴ Poorchangizi B, Borhani F, Abbaszadeh A, Mirzaee M, Farokhzadian J. A literature-based study of patient-centered care and communication in nurse-patient interactions: barriers, facilitators, and the way forward. *BMC Nurs.* 2025; 24:1369. doi:10.1186/s12912-025-03369-2. <https://bmcnurs.biomedcentral.com/articles/10.1186/s12912-025-03369-2>

⁵ Benincasa CV, Bailey KA, Eliades AB. Alarm fatigue reduction in a single patient room neonatal intensive care unit. *OJIN: The Online Journal of Issues in Nursing.* 2024;29(2):PPT23. doi:10.3912/OJIN.Vol29No02PPT23. <https://ojin.nursingworld.org/table-of-contents/volume-29-2024/number-2-may-2024/articles-on-previously-published-topics/alarm-fatigue-reduction/>

⁶ Catalyst by Wellstar. *Turning Down the Noise: Working Towards Reducing Alarm Fatigue to Improve Patient Experience and Safety.* Published December 4, 2024. Accessed November 12, 2025. <https://catalyst.wellstar.org/insights/hospital-alarms/>

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