

United Imaging Showcases Sustainable, AI-Driven Innovations at ECR 2025

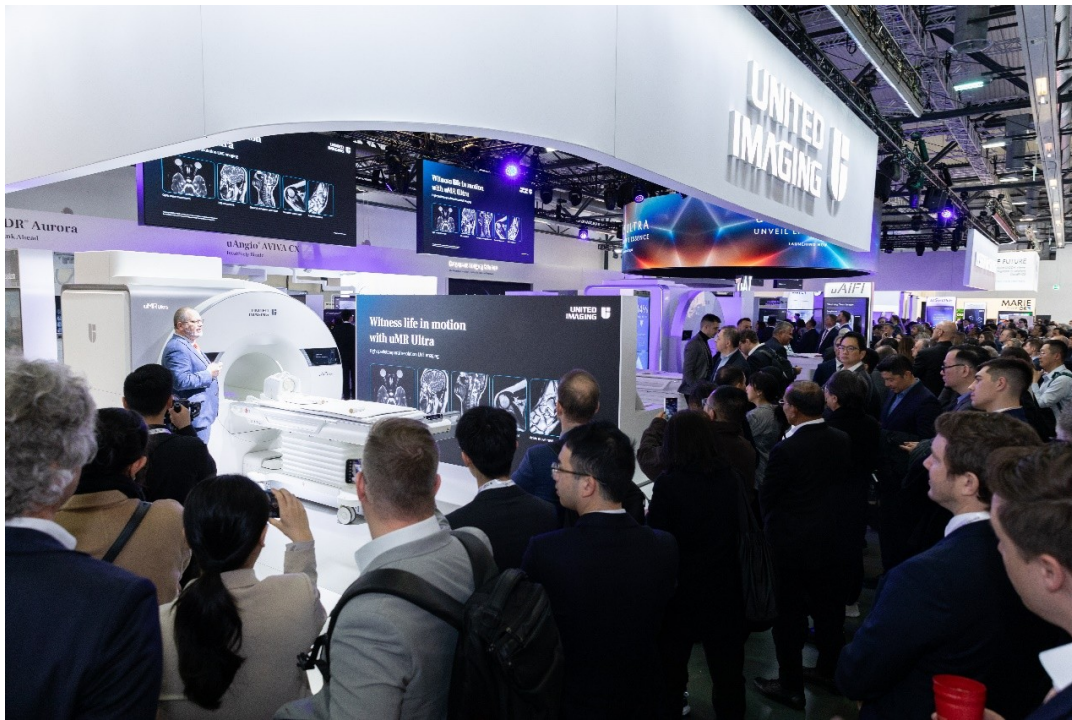


United Imaging, a global leader in manufacturing advanced medical imaging and radiotherapy equipment, showcases a range of cutting-edge technologies aligned with sustainable values. Notably, the company achieves an A rating in the MSCI ESG ratings, highlighting its unwavering commitment to transforming medical diagnostics and patient care worldwide through a holistic, sustainable approach.

Advancing Sustainability with Cutting-edge Innovations



At ECR 2025, United Imaging proudly introduces its latest innovations, including the uMR Ultra (FDA 510(k) pending, not CE marked, not commercially available in the U.S. or the EU), an advanced 3T MRI system capable of observing and analyzing body movement during scans; the uMI Panvivo (not CE marked, not commercially available in the EU), a new PET/CT platform that transforms the latest technological advancements into clinical reality; and the uAngio Aviva (FDA 510(k) pending, not CE marked, not commercially available in the U.S. or the EU), the world-leading intelligent ceiling-mounted angiography system.



The uMR Ultra integrates industry-leading specifications, such as a high-gradient performance of 100 mT/m at 200 T/m/s, 192 independent RF receive channels, and up to 96-channel coil capabilities. The uAIFI.LIVE platform, a dynamic imaging innovation tailored for motion visualization, leverages the AI capabilities of uAIFI (already established as the foundation of United Imaging's MRI systems) and incorporates specialized hardware and new AI features, enabling the transition of MRI from static "photography" to dynamic "videography."



The uMI Panvivo represents a new PET/CT platform that makes the latest technological advancements a clinical reality. With exceptional 219 ps TOF timing resolution, 2.9 mm NEMA spatial resolution, and 181 cps/kBq effective sensitivity, the system delivers uncompromised clarity and lesion detectability, boosting clinical confidence and capability. Powered by the uExcel Platform, a multi-dimensional molecular imaging technology, uMI Panvivo offers an intuitive and streamlined workflow to enhance clinical efficiency. Its air-cooled, compact design eliminates the need for an equipment room, while the patient-centric design with a large bore clearance and ambient lighting ensures a comforting scan experience.

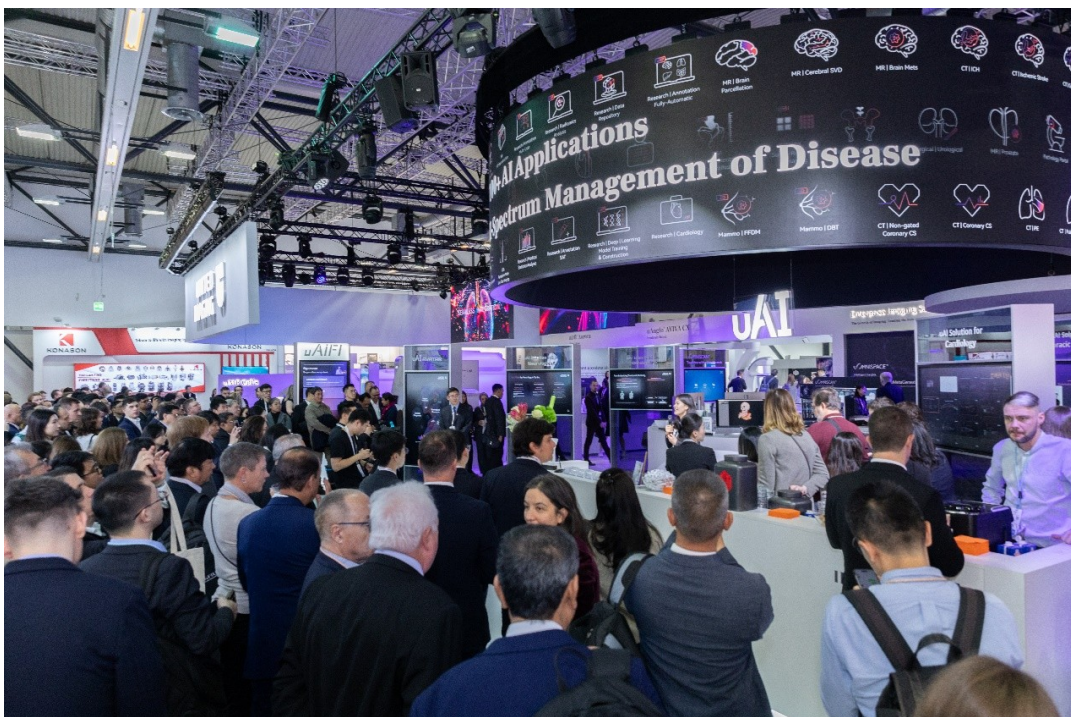


The uAngio AVIVA, a world-leading intelligent ceiling-mounted angiography system, delivers exceptional image clarity with noise-free technology. By providing detailed visualization of microvascular structures, it enhances doctors' diagnostic confidence and operation efficiency. Simultaneously, it reduces radiation doses by over 70%, ensuring greater safety for both medical staff and patients. Empowered by intelligent 3D vision and voice control, this innovation frees doctors' hands, allowing them to focus on what truly matters during procedures.

These groundbreaking innovations signify a significant advancement in medical technology and the company's commitment to enhancing quality, efficiency, and patient care, further promoting sustainable values in the industry.

Shaping Healthcare Sustainability with Native AI

United Imaging Intelligence (UII), an AI company within United Imaging Group's portfolio, adheres to the "Born with AI" philosophy, demonstrating how AI revolutionizes healthcare in a sustainable way. This underscores the company's holistic approach to innovation.



At this year's ECR, UII presents a full suite of AI-powered innovations, including next-generation imaging applications, large-model-driven clinical solutions, and diverse AI solutions for various medical scenarios. With a strong focus on sustainability, these technologies enhance diagnostic efficiency, reduce environmental impact, and foster deeper collaboration with healthcare providers worldwide.

Notably, UII secures CE marking for 13 AI-powered medical imaging applications. The company emphasizes its commitment to building sustainable partnerships in the European market through localized AI solutions that balance technological advancement with environmental responsibility. By continuously enhancing its service and supply chains, UII makes its innovations globally accessible and impactful, contributing to a more efficient, equitable healthcare system.

Experiencing Equal Healthcare for All

ECR attendees are invited to join the satellite symposia, "Shaping Planet Radiology with Whole-Body 5T MRI," to see firsthand how the company leads with sustainability in healthcare. With an eye on planet radiology, United Imaging remains at the forefront of innovation, creating cutting-edge technologies that unlock possibilities for healthcare.



Expanding European Reach and Enhancing Global Impact

United Imaging continues to expand its global presence, providing over 14,000 institutions across 75 countries with more than 32,000 installed units. In Europe, the company establishes its new European Headquarters for service, sales, and marketing in Rotterdam, Netherlands, underscoring its commitment and confidence in the European market. This reflects its enthusiasm for collaborating with local healthcare leaders and researchers. With over six years of operations in Europe, United Imaging delivers cutting-edge medical innovations to nearly 50% of the EU countries, partnering with prestigious hospitals and institutions such as Ospedale San Pietro Fatebenefratelli and Policlinico Sant'Orsola – Malpighi.

Source & Image Credit: [United Imaging Healthcare](#)

Published on : Sun, 2 Mar 2025