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Lunit and M42 partner to advance AI-powered early detection of lung cancer in UAE

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Collaboration aims to leverage Abu Dhabi's connected healthcare infrastructure and existing chest X-ray data to identify previously undetected signs of lung cancer



Lunit, a South Korea-based provider of AI for cancer diagnostics and precision oncology, has announced a strategic collaboration with M42, a global healthcare and health technology group established by Abu Dhabi-based sovereign investor Mubadala and AI technology group G42, to advance an AI-powered lung cancer early detection initiative in the United Arab Emirates (UAE).

The collaboration aims to leverage Malaffi, Abu Dhabi's health information exchange, to apply Lunit INSIGHT CXR, Lunit's AI-powered chest X-ray analysis solution, to existing medical images. By analyzing previously captured chest X-rays for suspicious findings that may have gone undetected, the initiative seeks to identify individuals who could benefit from further clinical evaluation and create additional opportunities for earlier lung cancer detection.

M42 operates a global network of more than 480 healthcare facilities across 28 countries, combining extensive clinical operations with advanced healthcare technologies and digital health capabilities. Malaffi, Abu Dhabi's health information exchange operated by M42's Abu Dhabi Health Data Services (ADHDS), enables the secure exchange of patient health information across the emirate. The platform connects more than 3,100 healthcare facilities and brings together 14 million unique patient profiles and 4.2 billion clinical records. This extensive digital infrastructure provides an established foundation for exploring AI-enabled population health initiatives.

Under the collaboration, M42 will lead the preparation and submission of a proposed lung cancer early detection program to the Department of Health – Abu Dhabi and the Abu Dhabi Public Health Center. Lunit will provide technical expertise and support the proposed deployment and integration of Lunit INSIGHT CXR into the programme.

Image caption- From left: Brandon Suh, CEO of Lunit, and Kareem Shahin, Chief Executive Officer, Digital Health Solutions Platform, and Group Chief Digital Officer, M42