

qure.ai

AI FOR HEALTHCARE



About Qure.ai

A breakthrough Artificial Intelligence (AI) solutions provider that is disrupting the healthcare 'status quo' by enhancing image reading, providing faster diagnoses and improving patient outcomes.

Qure.ai is a leading technology firm that uses deep learning and AI tools to make healthcare more accessible and affordable to patients worldwide. Qure.ai's solutions, which automatically interpret X-rays and CT scans, focus on enabling clinicians to diagnose pulmonary diseases and neurocritical ailments early.

The company serves diverse, global healthcare stakeholders, including:

- Public health programs in resource-constrained settings for the screening and diagnosis of both infectious and non-infectious lung diseases
- Remote medical care teams with minimal on-site radiology expertise
- Teleradiology operations that are seeking to improve accuracy and efficiency in imaging diagnosis at a national scale

What makes us stand apart



Impact: We touch more than 4 million lives every year. We are present in more than 70 countries through 1500+ sites.



Clinical areas: Lung cancer, Tuberculosis, Neurocritical Care & Traumatic Brain Injuries, Vascular Health, Critical Care Coordination, Heart Failure and COPD (Visual display of products grouped on the basis of functions – X-Ray, CT, surveillance tool, and platforms)



Funding: USD 40 million (March 2022); USD 16 million (February 2020)



Certifications & Clearances: Conformitè Européenne (CE), U.S. Food and Drug Administration (2020), Recommended by the World Health Organization (WHO)

Who we help

Qure.ai products serve underprivileged and underserved people across the world. Our products are used by healthcare providers – hospitals and imaging centres, ministries of health, pharmaceutical companies, and public health authorities.

How Qure.ai's products work

Qure.ai's automated medical imaging tools aid clinicians in providing faster patient diagnoses while enabling physicians and radiologists to triage medical cases more effectively, especially in ER environments. This helps healthcare providers to identify critical scenarios within seconds versus hours, to avert fatalities and improve the quality of patient care.

Qure.ai's breakthrough technology fulfills pertinent and unmet radiology industry needs. When radiologists cannot read all the exams on their desks or properly complete their reports due to a simple lack of time, patient health outcomes suffer. With the aid of tools like those developed by Qure.ai, which work via a sophisticated set of algorithms that can instantly evaluate scans and X-rays to prioritize actionable patient cases quickly, radiologists can focus their time and advanced skill sets on the most pressing diagnoses.

Product offerings

Qure.ai's solutions are designed to supplement radiologists' critical role rather than impact the number of positive health outcomes. The company's products are developed to ensure multi-directional scaling. For example, its lung health suite includes qXR, qCT, and qTrack, AI-enabled chest X-Ray solutions, and workflow tracking dashboards to screen and monitor patient cases effectively. qXR screens for Lung Cancer, Tuberculosis (TB), and COPD in high-risk populations and certain cardiovascular disorders, identifying and localizing as many as 50+ common abnormalities.

qXR

qXR (AI for Chest X-Rays) – qXR aids in detecting multiple abnormal findings on a chest X-ray in less than 1 minute. It segregates abnormal scans from normal ones, detecting abnormalities in the lungs, pleura, mediastinum, bones, diaphragm, and heart. Additionally, it can quantify the volume of the lesions. As a pre/post second reader, qXR reduces the chances of missing lung nodules and anomalies on chest X-rays by detecting and highlighting them for faster review by radiologists and follow-up chest CTs.



qXR dashboard



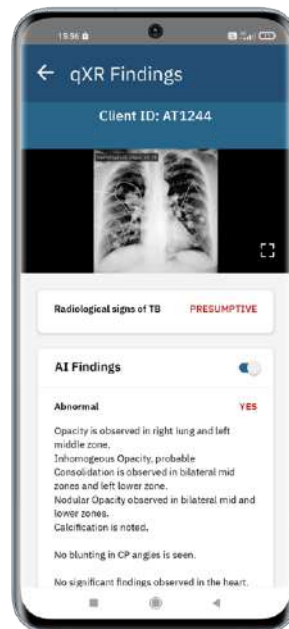
qCT Lung dashboard

qCT

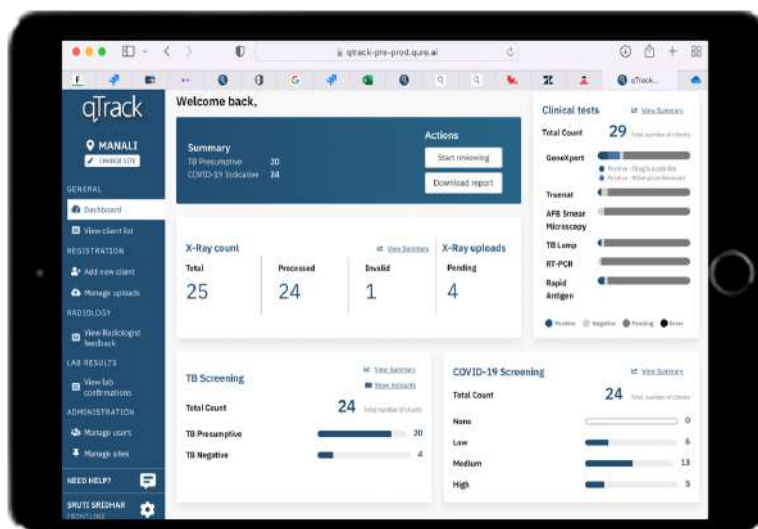
qCT (AI for Lung Nodule Management on chest CT) – qCT-Lung empowers and facilitates incidental screening programs for early detection of lung cancer using AI.

qTrack

qTrack (Comprehensive care coordination platform for Lung Health Management) – qTrack is an end-to-end disease management platform that enables effective disease response by providing ready access to all patient information, diagnoses tracking, test results, and real-time progression monitoring to relevant stakeholders.



qTrack dashboard on mobile



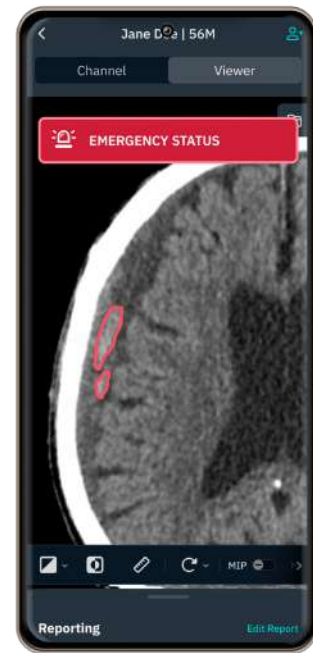
qER-Suite

Qure's qER Suite is an AI-enabled Brain CT tool widely deployed across emergency rooms to help detect traumatic brain injuries and strokes faster.

With qER Suite, relevant clinicians in an ER system can be alerted about suspected stroke cases/ internal injuries much earlier than in conventional settings, enabling seamless collaboration and faster and more accurate decision-making.



qER monitor dashboard



qER mobile dashboard

Qure App

Qure App empowers clinicians to view X-ray, CT, MR, and other scans remotely, supporting remote diagnosis and treatment decision-making. In addition, it enables early intervention by streamlining existing patient-care workflows.

The app can showcase automated diagnostic imaging results using Qure's AI platforms like qXR for chest X-ray scans, qER for brain CT scans, and qCT for chest CT scans. These results are available as annotated versions of diagnostic scans and as full-text editable reports for clinicians.

The application provides multi-modality mobile imaging that includes X-rays and CTs, HIPAA-complaint messaging, critical patient alerting, and the facility to collect clinical information for early diagnosis in pre-hospital and emergency settings.



Market application and business model

Because of its versatility and ability to quickly integrate into any client user's existing software design or workflow, Qure.ai's technology applies to virtually any healthcare setting. Its clientele includes major metropolitan hospitals, managed care medical centers, and government departments/ministries of health. Since Qure.ai's deep learning capabilities dramatically improve the time-to-diagnosis and aid in prioritizing cases, the technology is also well-suited to support small radiology departments in community hospitals and to assist teleradiology entities that typically manage thousands of x-ray images and scans (requiring prompt turnaround).

Qure.ai utilizes a pay-per-use model allowing low-volume clinics and radiology centers in suburban and rural areas to use the technology. The company is also equipped to execute on-premises deployment. In addition, the solutions are integrated with more than 10 of the most common radiology viewing platforms, which ensures seamless integration with existing software and workflow tools already in use by Qure.ai clients.



Security and Data Privacy

HIPAA compliant

Deployments may not de-identify images, provided data processing occurs entirely within servers operated and owned by the covered entity.

EU-GDPR compliant

The EU general data protection regulation addresses questions of data security and confidentiality. It introduces measures to limit the amount of data collected, the purposes for which data is used, and the duration for which it is stored. Qure.ai is GDPR-compliant with respect to healthcare data as well as other data from users of our websites and portals.

ISO/IEC 27001 certified

ISO/IEC 27001 is a global information security standard requiring that an organization systematically examine information security risks, design and implement a coherent and comprehensive suite of information security controls and adopt a process to meet these needs on an ongoing basis. Qure.ai is ISO 27001 certified.



Extensive peer reviews

Qure.ai already has 40+ collective peer review journal and conference papers under its belt, including a review in the industry's most prestigious outlet, The Lancet. In addition, the technology has also received clinical validation in PLOS One, the Journal of the American Heart Association, Clinical Cardiology, and other prominent outlets. It has been showcased in conference presentations at leading medical industry forums such as RSNA, ASTMH, and ECR.

Qure.ai has undertaken extensive algorithm testing, research, and validation based on the most exhaustive comparison models conducted to date within the AI-facilitated medical imaging industry. As a result, Qure.ai's qualitative and quantitative results stand unrivaled at the global level. The company has 24 patents to its name across global markets.

WHO Recommendation

Qure.ai is one of the leading AI solutions providers to be recommended by WHO, in the absence of human readers, to interpret digital chest X-rays and screen & triage for Tuberculosis.

Media Spotlight



The New York Times coverage of Qure.ai's work towards eliminating Tuberculosis.



UK National Health Service's (NHS) use of Qure.ai's tools for screening for infectious diseases



The groundbreaking way to search lungs for signs of Covid-19.



Coronavirus triggered a healthcare AI boom. Was it worth it?



Oman's Ministry of Health launches 'Tarassud+'



AI is shaping the future of healthcare. Here's How.



FDA clearance gives wings to Indian AI tool for fast diagnosis.

For more information, please visit www.Qure.ai.

For recent news from our end, please visit <https://www.qure.ai/about-us/newsroom/>

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