

AI-Powered Chest X-Ray Interpretation

Leaders in Science, Trusted Worldwide

Scientific Excellence

700+ peer-reviewed papers and abstracts

Global Adoption

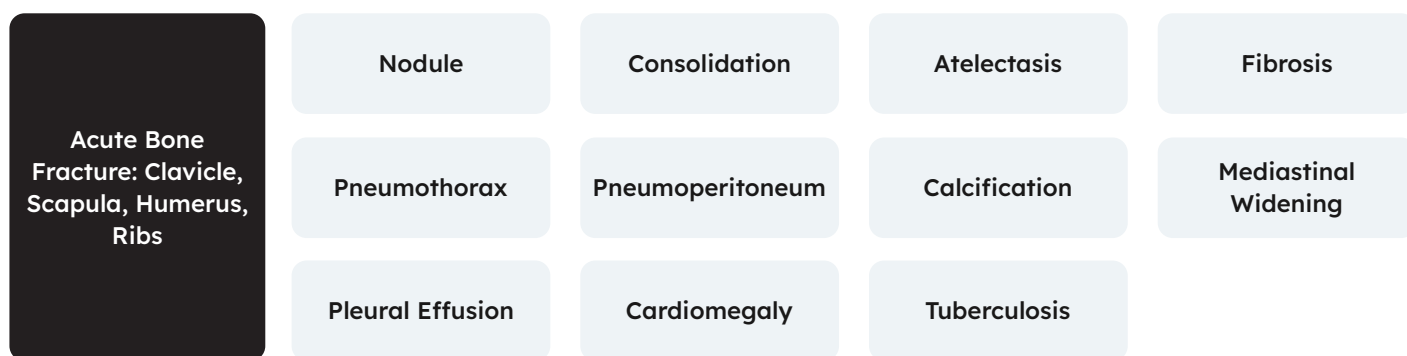
Trusted by **10,000+** sites across **65+** countries

Trusted Expertise

A dedicated European team on the ground to support you

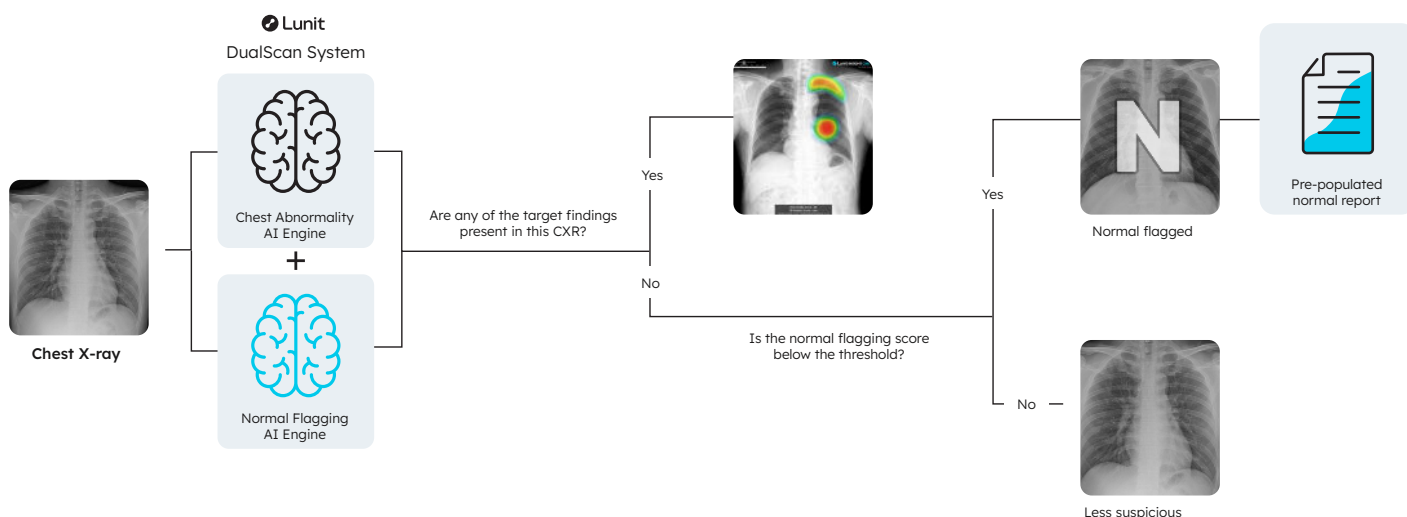
Supporting radiologists and clinicians to streamline chest X-ray readings

- Locates **the most clinically significant abnormalities**
- Clinically validated **for ages 4 years or older**

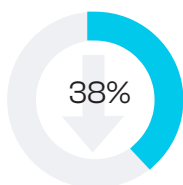


Introducing Lunit INSIGHT CXR4

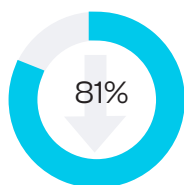
Normal flagging feature supported by DualScan: **two AI engines** that identify normal X-rays in addition to detecting abnormalities



Performance you can trust



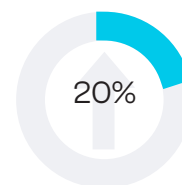
Reduction in reading time on CXRs¹



Reduction in time-to-report for critical patients²



Increase in lung cancers found on CXRs³



Increase in non-radiology physicians' AUC²

How can Lunit INSIGHT CXR optimise workflows?

By using Lunit AI for routine CXR tasks, doctors can devote more time to patient interaction and complex diagnostic challenges, enhancing overall healthcare quality.

Flagging normals

Normal flagging: pre-populated reports for normals

- Time saving on normal reporting
- Consistency & standardisation
- Resource allocation

Current-prior comparison

Monitoring disease progression: faster detection of subtle changes

Feature available for nodule, pneumothorax, pleural effusion, and consolidation

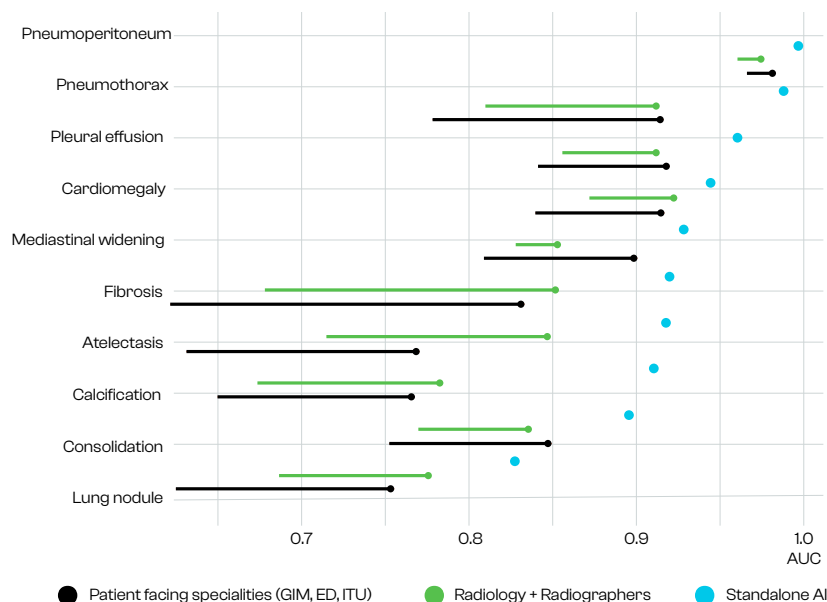
Early lung cancer detection

Proven best in nodule detection⁴

- Enables cancer screening and opportunistic findings

Lunit INSIGHT CXR empowers both radiologists and non-radiologist clinicians⁵

AUC comparison without and with Lunit AI, stratified by specialty and pathology



“Lunit CXR helps us to improve patient care by highlighting potential critical findings for our radiographers when the radiologist is not available right away.”

Dr. Holger Hetterich, DIE RADIOLOGIE
Rosenheim, Germany

References:
1 Kim, et al., “Clinical Validation of a Deep Learning Algorithm for Detection of Pneumonia on Chest Radiographs in Emergency Department Patients with Acute Febrile Respiratory Illness”, *Journal of Clinical Medicine*, 2020 / 2 Nam, et al., “Development and validation of a deep learning algorithm detecting 10 common abnormalities on chest radiographs”, *European Respiratory Journal* 2020 / 3 Jang, et al., “Deep Learning-based Automatic Detection Algorithm for Reducing Overlooked Lung Cancers on Chest Radiographs”, *Radiology* 2020 / 4 van Leeuwen, et al., “Comparison of Commercial AI Software Performance for Radiograph Lung Nodule Detection and Bone Age Prediction”, *Radiology* 2024 / 5 Shah, et al., “Does AI Assistance Improve Clinician Interpretation of Inpatient and Emergency Department Chest X-Rays?”, abstract presented at RSNA 2024

Lunit INSIGHT CXR is a Computer-Assisted Detection (CADe) software device powered by artificial intelligence. It is intended as an aid for interpreting physicians reading chest radiographs to detect, localize, identify, and characterize suspicious abnormal radiological findings. As an adjunctive tool, the device is intended to support, but not replace, a clinician's full review. Physicians should always consider other relevant clinical information, including patient history or other relevant information from the image. For any analysis results of pediatrics, further diagnostic interventions are recommended; please consult with the child's legal guardians for postliminary steps.

This document is for use by healthcare professionals only. Radiologists should always rely on their own clinical expertise when using this product to diagnose a patient. The availability of Lunit products may vary by market due to local medical and/or regulatory practices. Contact your Lunit representative for more information about product availability in your area.

The product described is CE certified in accordance with applicable EU standards and regulations. The product fulfills the requirements for CE certification.

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