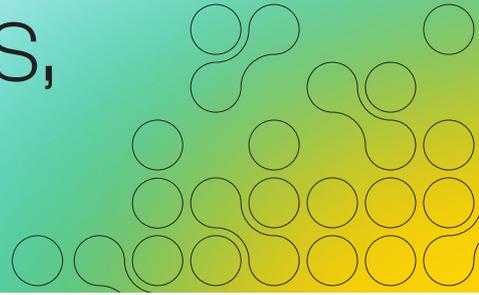# Lunit: Science Leaders, Trusted Worldwide

Scientific Excellence

700+ peer-reviewed papers and abstracts

Global Adoption

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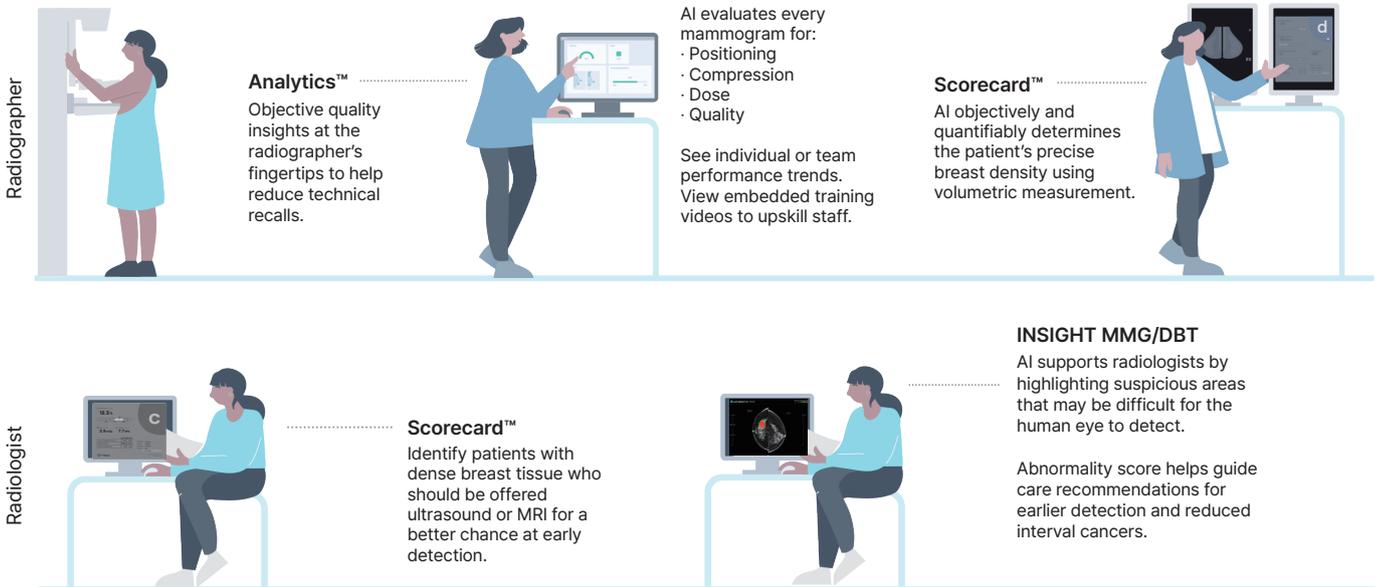
Trusted expertise

A **dedicated** team on the ground to support you

Detect breast cancer earlier with our complete breast care pathway
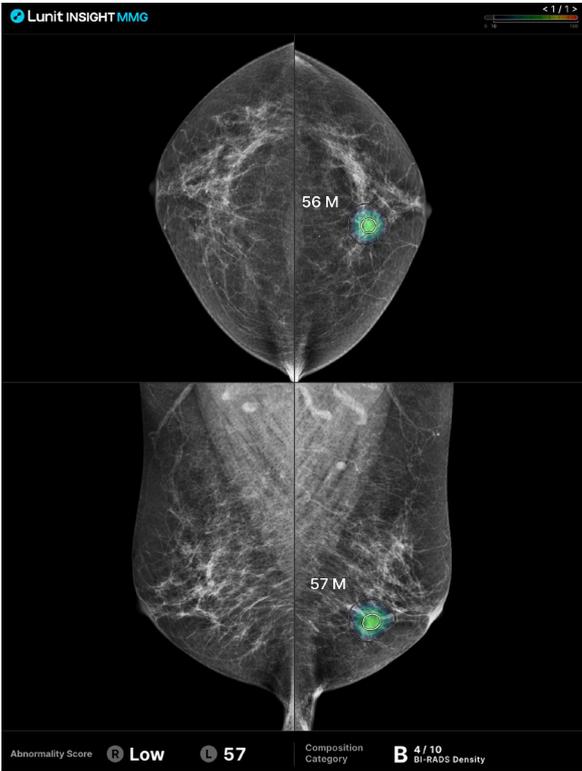
Powered by Lunit and Volpara solutions

Our Breast Suite empowers earlier and more accurate breast cancer detection with AI-driven insights, enhancing both screening and symptomatics pathways. Our solutions improve:

Lesion detection | Image quality | Breast density assessment | Compliance management efficiency

Radiographer

Analytics™
Objective quality insights at the radiographer's fingertips to help reduce technical recalls.

AI evaluates every mammogram for:
· Positioning
· Compression
· Dose
· Quality

See individual or team performance trends. View embedded training videos to upskill staff.

Scorecard™
AI objectively and quantifiably determines the patient's precise breast density using volumetric measurement.

Radiologist

Scorecard™
Identify patients with dense breast tissue who should be offered ultrasound or MRI for a better chance at early detection.

INSIGHT MMG/DBT
AI supports radiologists by highlighting suspicious areas that may be difficult for the human eye to detect.

Abnormality score helps guide care recommendations for earlier detection and reduced interval cancers.

> "Reliable AI tools provide a sense of reassurance, acting as a dependable partner offering an independent analysis. The reduction in fatigue is evident. At the end of the day, workloads feel lighter, workflows smoother, and there is more time for thoughtful analysis."

Dr. Robert Lacheze,
Imagerie Loire Forez, France

Lunit

Lunit INSIGHT MMG

56 M

57 M

Abnormality Score R Low   L 57   Composition Category B 4 / 10 BI-RADS Density
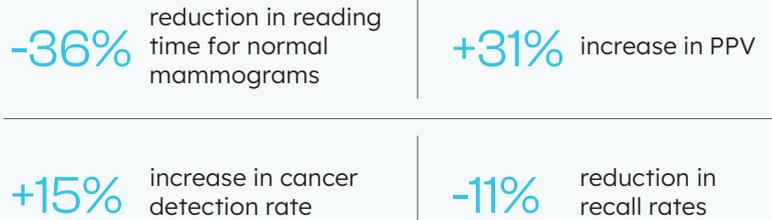
Lunit INSIGHT MMG/ DBT for lesion detection

Find cancers unseen to the human eye

- Highlights suspicious lesions
- Assigns an abnormality score, indicating the AI confidence in the presence of cancer.

Lunit INSIGHT MMG revolutionises national screening programs worldwide

Zoom on Sweden: Lunit as the second reader (St Goran Hospital)

-36% reduction in reading time for normal mammograms

+31% increase in PPV

+15% increase in cancer detection rate

-11% reduction in recall rates

Volpara® Analytics™ for mammogram quality

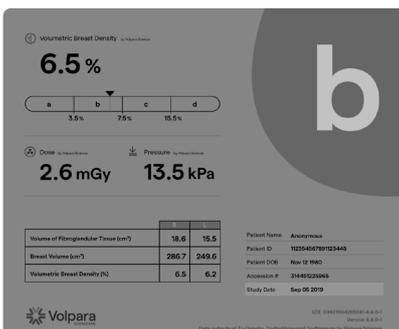### Improves exam quality for more accurate diagnoses:

- Automatic, objective positioning and compression evaluation for every mammogram, powered by AI
- Identify performance improvement areas for radiographers
- Monitor department productivity with smart dashboards, alerts, and reports

Volpara Analytics brings improvement to Mayfair Diagnostics within the first six months of use*:

+20% increase in target compression

-60% reduction in time searching for cases

-37% reduction in inadequate images

-14% reduction in technical recalls

* Measures were calculated using PGMI prior to the May 2018 adoption of the new Volpara TruPGMI method of evaluating the clinical image quality of mammograms. Actual percentage improvements may vary with the new standard.

Volpara® Scorecard™: automatic breast density assessment

Volumetric Breast Density by Volpara Science
6.5 %
a   b   c   d
3.5%   7.5%   15.5%

Dose by Volpara Science 2.6 mGy   Pressure by Volpara Science 13.5 kPa

	c	l
Volume of Fibroglandular Tissue (cm³)	18.6	15.5
Breast Volume (cm³)	286.7	249.6
Volumetric Breast Density (%)	6.5	6.2

Patient Name Anonymous
Patient ID 11234567891123445
Patient DOB Nov 12 1980
Accession # 31445123965
Study Date Sep 05 2019

Volpara

- Volumetric breast density measurements, validated for Tyrer-Cuzick 8, offering objective, precise, and consistent breast cancer risk assessment.
- Additional patient insight on compression and patient radiation dose.

Lunit