

Understanding MammoScreen® AI: A Smarter Mammogram



At Onsite Women's Health, every mammogram includes MammoScreen® AI software, empowering Onsite radiologists with AI-driven insights to support earlier and more accurate breast cancer detection. This advanced technology acts as a second set of expert eyes, helping to identify cancers sooner and reduce false positives—so your patients can have greater peace of mind.

Why MammoScreen®?

The most comprehensive AI solution on the market

INCORPORATES PRIOR IMAGES

MammoScreen® is the first AI technology to incorporate the patient's prior images into the algorithm

READS BOTH 2D AND 3D IMAGES

Other AI models can read 2D **or** 3D images, but only MammoScreen® can read **both**, creating the most comprehensive AI assistant on the market

HIGHLY EFFECTIVE SCORING SYSTEM

Calibrated scoring from 1-10 that maps from the lesion, to the breast, to the case; best-in-class marking display

LEADS THE MARKET

- ✓ MammoScreen® won the 2017 **Mammography DREAM Challenge**, outperforming over 1,000 global participants
- ✓ In Q4 2024, Hologic announced MammoScreen® as the backbone of its **Genius AI Detection PRO Assistant**
- ✓ In March 2025 MammoScreen® was recognized with the **NextGen Tech Award** from Radiology Business Management Association

Clinical improvements to screening mammography

Seamless integration into radiology workflows
with proven improvement in performance



**WITH THE EXPERTISE OF THE RADIOLOGIST
AND MAMMOSCREEN® AI, WE CAN:**

Find **MORE** breast cancers

12%

Increase in overall cancer
detection rate**

Find breast cancers **EARLIER**

42%

Cancers detected
1 year earlier*

39%

Cancers detected
2 years earlier*

Find breast cancers more **EFFICIENTLY**

11%

Decrease in patient recall rate as a whole**
Recall rates will vary by Radiologist

*S.Pacilè, et al., (2022, November). A Novel Approach for the
Evaluation of Artificial Intelligence on Consecutive
Screening Mammograms. [conference presentation]. RSNA 2022

** Data on file from the most recent MRMC study,
conducted for the latest 510(k) clearance [K240301]

To learn more about partnership
opportunities, call 855-405-9302 or
visit [OnsiteWomensHealth.com](https://www.OnsiteWomensHealth.com).

