

Understanding MammoScreen®: A Smarter Mammogram



Expert Eyes. AI Support.

At Onsite Women's Health, we are continuously evaluating tools to help our affiliated radiologists increase quality and effectiveness. We recently entered into a partnership with MammoScreen®, a breast cancer screening AI. Now, every patient you send to an Onsite-affiliated radiologist for a mammogram will benefit from a second set of eyes without sending the patient for a second opinion.

What is MammoScreen®?

MammoScreen® is an FDA-cleared artificial intelligence technology that supports radiologists during interpretation. Historically, radiologists have had access to 2D Computer Aided Detection (CAD) tools to help mark areas for review. MammoScreen® represents the next generation of clinical support—a deep learning-based model trained on millions of 2D and 3D mammogram images.

Unlike traditional CAD, MammoScreen® can not only analyze both 2D and 3D images but can also incorporate prior images, providing context over time and delivering more refined, consistent support to radiologists. It analyzes the mammogram and provides visual markers and a calibrated score to highlight areas that may need a closer look.

How is the workflow impacted?

The process is no different for you or your patient. No additional images need to be taken or provided. Refer the patient for a mammography exam and when the mammogram is evaluated, our radiologists will be equipped with MammoScreen's® evaluation. You and your patients will receive the mammography results in the same timeline since the MammoScreen® evaluation is provided at the time of the radiologist's reading.

How Does It Work?

1. **Referral:** Send your patient to get a mammogram.
2. **Mammogram Completed:** Patients have their mammogram take place as normal.
3. **Expert Review:** A breast-specialized radiologist interprets your images.
4. **AI Support:** MammoScreen® independently analyzes the same images and flags any findings it believes may need attention.
5. **Informed Diagnosis:** The radiologist reviews the AI output alongside his/her own interpretation to make the most informed decision possible

What Are the Benefits?

- **Enhanced Detection:** MammoScreen® detects some cancers earlier—in studies, up to 42% of the visible cancer in previous mammogram one year before diagnosis
- **Greater Accuracy:** It reduces false positives, helping avoid unnecessary callbacks for additional imaging
- **Added Assurance:** Two expert reviews—the radiologist and MammoScreen®—meaning more confidence in results

Is It Safe? Yes. MammoScreen® is FDA-cleared and has been clinically validated in studies. It does not replace the radiologist, but enhances his/her ability to catch early signs of cancer. This will help your patients receive results they can be even more confident in.

Will I see MammoScreen's® results? Not necessarily. The report is shared with the radiologist, and he/she can pass along the results if needed. MammoScreen® reports are not shared with patients or kept as part of the EMR.

Questions? We're happy to answer them. Just ask any member of our team.