

Not all 3D mammograms are the same.

McKenzie has also invested in the very latest in Artificial Intelligence (AI) based computer detection software which analyzes the images to help identify any suspicious spots that may likely be cancer. If a suspicious area is found, McKenzie can also now provide Contrast Enhanced Spectral Mammography (CESM), which may eliminate the need for an MRI.

Make sure you ask questions and schedule your mammogram at a location, like McKenzie, that can provide you with the best chance for early detection.

Please talk with your primary care provider about your risk for breast cancer. 3D mammography screenings are covered by Medicare and most insurance plans. You can schedule an appointment for a mammogram at McKenzie Health System by calling 810-648-6110.

At McKenzie Health System, we offer a variety of services that range from family medicine to physical therapy, as well as many community wellness and educational opportunities. We view ourselves as a partner in your health.

- Family Healthcare
- After-Hours Clinic
- Emergency Services
- Ambulance Services
- Inpatient Care
- Testing & Diagnostics
- 3D Mammography
- Surgical Services
- Specialists
- Swing Bed Care
- Pharmacy Services
- Rehabilitation
- Cardiac Rehab
- Fitness Programs
- Community Education

Your safety is a priority for us. During your visit, we will be meeting or exceeding guidelines put forth by the State of Michigan and the Centers for Disease Control. If you have any questions regarding the safety steps we have in place, please contact the hospital at 810-648-3770.

GET IN TOUCH



120 Delaware Street
Sandusky, MI 48471



810-648-3770



www.McKenzieHealth.org

ALL 3D MAMMOGRAMS ARE NOT THE SAME!

McKenzie is one of the first imaging centers in Michigan, and the only facility in this region, to use leading-edge ProFound AI technology.

3D Mammograms

+

ProFound Artificial Intelligence

+

Contrast Enhanced Spectral Mammography



McKENZIE
HEALTH SYSTEM
Experience Our Difference

3D
Mammograms

3D Mammography at McKenzie Health System

• Contrast Enhanced Spectral

Mammography. This technique allows a radiologist to detect more breast cancers than standard scans such as mammography and ultrasound alone, while providing a quicker and more accurate imaging tool for these potentially life-threatening cancers. CESM involves injecting patients with an iodine-based dye prior to breast imaging to produce both a standard mammogram and images showing areas of abnormal iodine uptake in breast tissue. This gives the radiologist high-resolution structural information as well as functional information about areas that contain high levels of abnormal blood vessels, as often occurs in breast cancers. Studies have shown that the accuracy of CESM for assessing the extent of breast cancer is similar to that of breast MRI.



• Profound Artificial Intelligence (AI).

This technology from iCAD runs on an algorithm trained to detect malignant soft tissue densities and calcifications. The results, including scoring of findings, helps radiologists determine if a suspicious finding or case needs further testing.

- With 2D mammography, 2 images are taken of each breast; with 3D mammography, 300+ images are taken of the breasts.

- ProFound AI rapidly and accurately analyzes each image, detecting and marking suspicious areas to assist radiologists in identifying malignancies.

- In recent studies using ProFound AI, there was an 8% improvement in average reader sensitivity. So out of every 100 women screened, 8 may have areas identified that may not have been without this technology? (That is almost 1 in 10!)

- This technology is clinically proven to aid in the detection of breast cancer.

This year, the US is expecting an estimated 331,000 new cases of breast cancer in women; over 2,600 in men; and 41,000 women are expected to die from it.

3D mammography sets the bar for diagnostic confidence and performance with a focus on patients, technologists, and radiologists alike – putting everyone in a better position for more effective care.

• Superior diagnostic accuracy.

Integrated 3D mammography provides exceptionally sharp and detailed images for breast cancer detection and diagnosis.

• Better detection in dense breast tissue.

3D mammography takes images of the breast from multiple angles, thereby offering a cutting-edge look through and around breast tissue.

• Safer.

Uses the same dose of radiation as 2D mammography, the lowest patient dose of all FDA approved digital breast tomosynthesis (DBT) systems.

• Earlier diagnosis.

With 3D mammography, the image “slices” can be analyzed one by one. This means 3D mammography may help detect cancers earlier than conventional mammography.

• Reduced Anxiety.

There are physical, psychological, and economic costs that come with a false positive. False alarms can be reduced with 3D mammography.

• Reduced Discomfort.

Offers improved positioning, elegant lighting, and gentle, rounded shapes. In a recent survey, 86% of women found the Senographe Pristina mammography exam to be comfortable.

Comfort. Confidence. Clarity.