



To the naked eye, breast tissue is only visible from the outside. Much like how only the outermost layers are visible on this bud.



2D Mammograms take x-rays to produce a picture of breast tissue from the inside, illustrated by this blossoming flower.



3D mammograms (tomosynthesis) provide an even more detailed image of the breast. Like this fully bloomed flower, it helps you see more of the inside - which can catch cancer earlier.



Our services include:

- Bone Densitometry (DEXA) ■ Breast Ultrasound
- Computed Tomography (CT) ■ Fluoroscopy
- Image-Guided Breast Biopsy ■ Interventional Radiology
- Magnetic Resonance Imaging (MRI) ■ 4D Breast MRI
- Musculoskeletal Imaging (MSK) ■ Nuclear Imaging and Therapy Nuclear Medicine ■ PET/CT ■ 3D Tomosynthesis
- UltimateMamm® ■ Ultrasound ■ Vascular Imaging ■ X-Ray

*Services vary by location. Please call your area for details or visit rmipc.net for a complete list.



RMI

REGIONAL MEDICAL IMAGING
WOMEN'S SERVICES

- Novi Area ■ (248) 536-0410
- Royal Oak Area ■ (248) 543-7226
- Southgate Area ■ (734) 281-6600
- Genesee Area ■ (810) 732-1919
- Lapeer Area ■ (810) 969-4700

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- Novi ■ Royal Oak ■ Southgate
 - Flint ■ Fenton ■ Grand Blanc ■ Davison ■ Lapeer



3D Tomosynthesis

RMI is redefining your breast screening experience



Available at our Novi and Lennon Rd, Flint locations



RMI

REGIONAL MEDICAL IMAGING
WOMEN'S SERVICES

An ACR Breast Imaging Center of Excellence

What is a 2D mammogram?

A mammogram is a low radiation-dose x-ray exam that produces an image of your breast that radiologists use to help detect and analyze abnormalities.

What is a 3D mammogram (Tomosynthesis)?

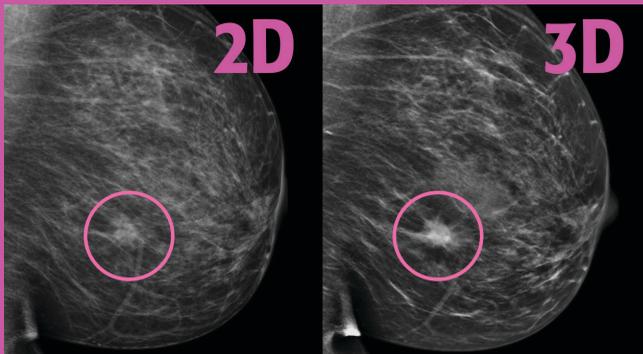
Like your regular mammogram, tomosynthesis works by using low-dose x-rays to create an image of the inside of the breast. However, tomosynthesis does this by creating three-dimensional (3D) images. While mammograms create two-dimensional (flat) images, tomosynthesis creates a circular image by combining image "slices" which can be viewed from many angles.

Why should I get a mammogram?

One in eight women will develop breast cancer over the course of their lives. Mammography exams allow radiologists to detect possible abnormalities at early stages when it's most treatable.

What type of mammogram is best for me?

For women with dense breast tissue, detecting issues on a mammogram is problematic - as illustrated on the case below of the same woman screened with 2D and 3D mammography. 3D tomosynthesis provides more detailed images, so your radiologist can more readily spot problems. Your physician will work with you to determine the best imaging exam for you.



What Makes RMI's Service Unique?

RMI has always been a leader in women's imaging, and adoption of tomosynthesis is no exception. We are the first to offer tomosynthesis in Genesee County, and are pleased to offer it in the Metro Detroit area as well. Our team of women's imaging experts are leaders in the field of women's medical imaging, so you can be assured that the best radiologists are creating your report.

Our tomosynthesis system was designed specifically to reduce the discomfort and anxiety sometimes associated with standard mammograms. By making you more comfortable during the exam, our mammographers can focus on suitable positioning, enabling a fast and smooth experience. In place of typical hand grips, patients lean comfortably on the soft armrests, relaxing your muscles to simplify compression and image acquisition.



Contrast-Enhanced Spectral Mammography (CESM)

We also provide CESM for patients who've had an inconclusive mammogram or abnormal ultrasound. In these cases, contrast (similar to CAT scan) will be injected to create a clearer image. The contrast pools towards tumors and therefore shows up brighter on the x-ray image. Our radiologist will consult with your physician if CESM is recommended.

The Day of your Procedure

Do not wear deodorant, lotion, or powder. Wear a two-piece outfit. You may have a light breakfast or snack before your procedure, and it's good to be well-hydrated.

