

3D MAMMOGRAPHY



MWHC

**Imaging Center
for Women**

In partnership with
Radiologic Associates of Fredericksburg





Understanding 3D Tomosynthesis

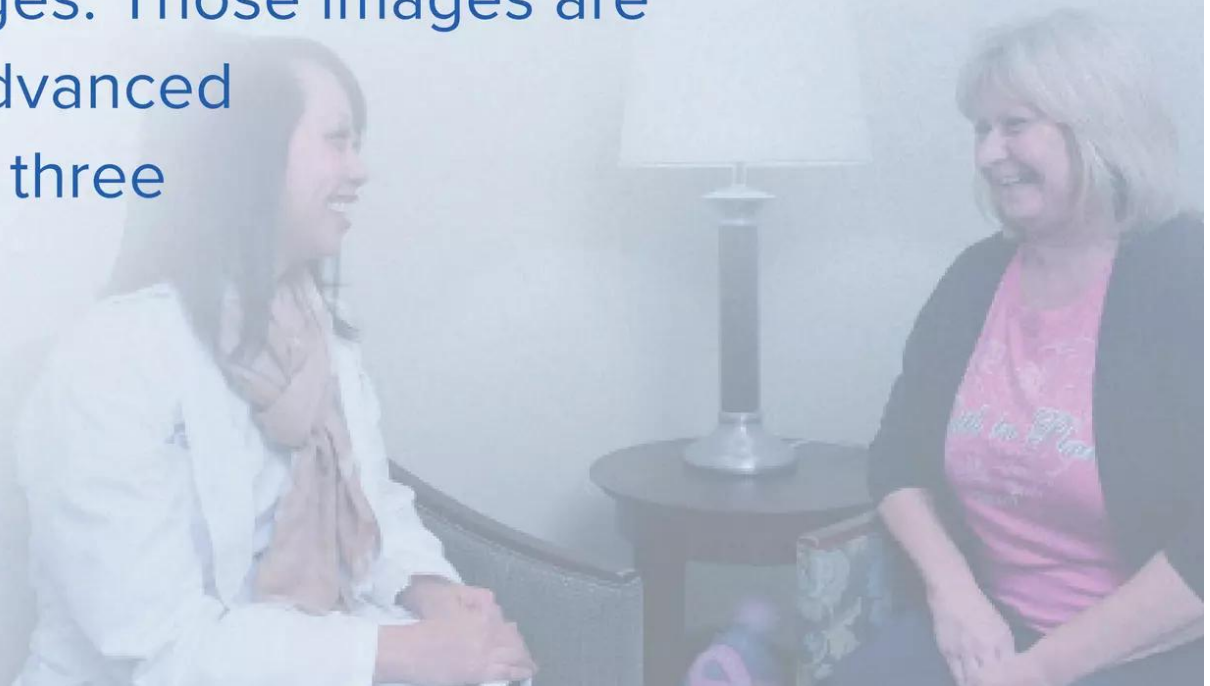
(3D Mammograms)

Tomography refers to imaging by sections through the use of a penetrating wave. Tomosynthesis is a method for performing high-resolution, limited-angle tomography for radiology purposes.

3D Mammograms are a breakthrough in technology that result in a **35% improvement** in breast cancer detection.

What will a patient experience during a 3D Mammogram?

The process for 3D Mammograms is similar to the traditional 2D Mammogram, taking just **a few seconds** longer. During compression, an arm at the top of the machine moves slightly to record millimeter thick images. Those images are reassembled with advanced software to create a three dimensional image.



What are the benefits?

The 3D mammogram allows for a **much clearer** image.

More effective for receiving
a baseline screening.

Proven to detect **41% more**
invasive breast cancers.

Reduces
callbacks
by **40%**.

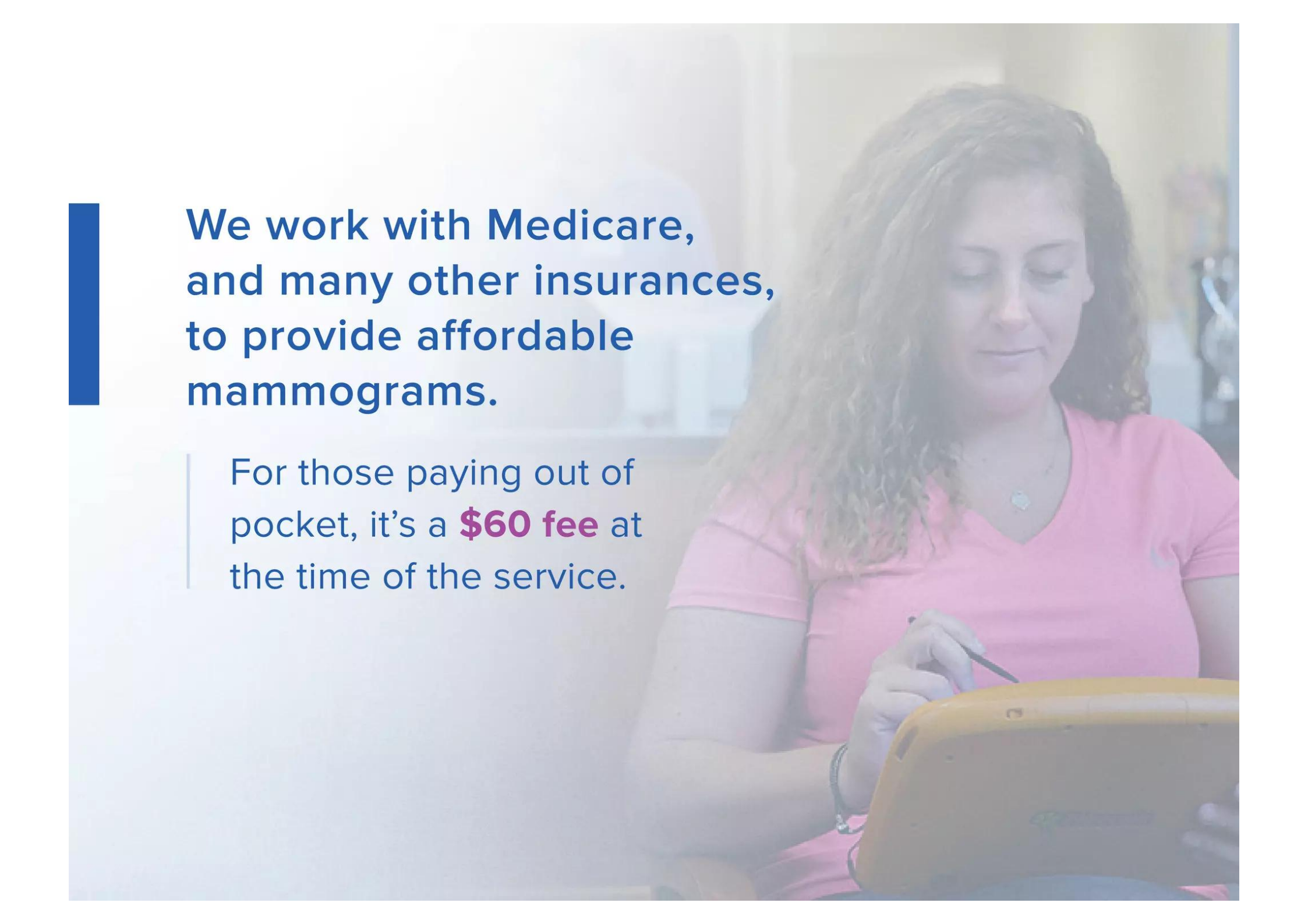
Fewer
biopsies are
required.

More effective
for women with
all types of
breast tissue.

What about radiation?

Because of the advancements in technology, 3D Mammograms emit **very low x-ray energy** — about the same as a film screen mammogram.



A woman with long, wavy brown hair, wearing a pink V-neck shirt, is seated and looking down at a yellow tablet computer. She is holding a black pen over the tablet. The background is a blurred clinical or office setting with a white wall and some equipment.

**We work with Medicare,
and many other insurances,
to provide affordable
mammograms.**

For those paying out of pocket, it's a **\$60 fee** at the time of the service.

To refer patients...

...simply order an annual screening mammogram and **note** that you'd like the patient to receive a 3D Mammogram instead of a 2D Mammogram.



As a physician, your office will receive results reports either by mail or autofax. Your patient **will also** receive their results via email or mail.



*“3D tomosynthesis is a major breakthrough in mammography, and we’re excited to offer it at the Imaging Center for Women. Due to the level of detail 3D tomosynthesis provides, it can detect up to **35 percent of cancers sooner**. Studies show that it results in fewer call-backs and biopsies, resulting in greater peace of mind for our patients.”*

Medical Director **Roni Talukdar, MD**,
was fellowship-trained in breast imaging at Memorial Sloan-Kettering.

When patients ask...

Does it take longer?

It only takes about **30 seconds** longer.

What is the advantage?

3D Mammograms give radiologists a much higher quality image of your breast tissue, which allows for **35% improvement** in early detection. It also reduces the need for callbacks or biopsies.

Will it cause more discomfort?

No. The process for a 3D Mammogram is **exactly the same** as getting a 2D Mammogram.

What do RAF radiologists recommend?

They recommend 3D Mammograms, since they have **low radiation** levels and allow **better detection** for all types of breast tissue.



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