

# 3D MAMMOGRAPHY



## OUR PROVIDERS

**Richard Bennum, MD**  
Board Certified Radiologist

**Hartley Neel, MD**  
Board Certified Radiologist

**Candice Ortiz, MD**  
Board Certified Radiologist

**Robert Smith, MD**  
Board Certified Radiologist

**Lise Hamel, RT (R) (M) (CT) ARDMS**  
Director of Radiology

Copley technologists hold multiple credentials within each discipline.

*Featured from left to right:  
Technologist Sandy Sartelle with  
Radiologist Richard Bennum, MD*



**Diagnostic Imaging at Copley Hospital** offers 3D Mammography, with a breast tomosynthesis system that delivers great clarity. In research published by the *Journal of American Medical Association (JAMA)*, this technology has been proven to detect 41% more invasive breast cancers. And, it has been proven to reduce the need for follow-up breast exams by up to 40%. Our site uses the lowest radiation dose available, about the same as a standard 2D mammogram, and lower than a traditional film.

## WHY 3D?

The breast is a 3-dimensional object composed of different structures, such as blood vessels, milk ducts, fat, and ligaments. All of these structures, which are located at different heights within the breast, can overlap and cause confusion when viewed as a 2-dimensional flat image. This confusion of overlapping tissue is a leading reason why small breast cancers may be missed and normal tissue may appear abnormal, leading to unnecessary call backs.

## WHAT IS 3D MAMMOGRAPHY?

3D Mammography uses high-powered computing to convert digital breast images into a stack of very thin layers, like the pages of a book. If you look down at the cover of the book, you cannot see all the pages – but when you open it up, you can go through the entire book page-by-page to see everything between the covers. 3D Mammography is designed with the same concept in mind.

## WHAT TO EXPECT DURING YOUR EXAM

Like a traditional mammogram, the technologist will position you, compress your breast, and take images from different angles. There is no additional compression and it only takes a few seconds longer for each view. The technologist will view the images of your breasts at the computer workstation to ensure quality images have been captured for review. A radiologist will then examine the images and report results to either your physician or directly to you.

## APPOINTMENT INFORMATION

To schedule your 3D Mammogram, please call **802.888.8358**.

## LOCATION

528 Washington Highway, Morrisville, VT 05661



OBSTETRICS & GYNECOLOGY | EMERGENCY SERVICES  
GENERAL SURGERY | ORTHOPEDICS | CARDIOLOGY | ONCOLOGY  
UROLOGY | REHABILITATION SERVICES | DIAGNOSTIC IMAGING

EXCEPTIONAL CARE. COMMUNITY FOCUSED.

[copleyvt.org](http://copleyvt.org)