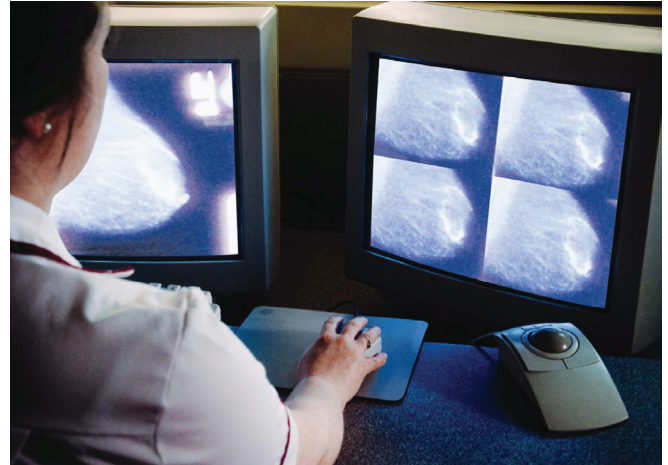


# Digital Mammography

## Full-Field Digital Mammography with Computer Aided Detection

Of the recent technological advances in breast care, full-field digital mammography is having a large impact in the critical area of early cancer detection. It provides high resolution images more quickly than conventional film, with less radiation exposure and better penetration of dense breast tissue. The digital format allows images to be easily transferred to virtually any computer, and on the radiologist's workstation it works seamlessly with computer-assisted detection (CAD) technology, helping the radiologist perform a more thorough evaluation. This technology is used equally well with screening or diagnostic mammography when a focused evaluation of a breast lump or other abnormality is needed.



## Advantages of Full-Field Digital Mammography

- Digital images have greater picture clarity at the chest wall and at the skin surface where conventional mammograms would more likely be underexposed or overexposed.
- Technologists do not have to leave the room to develop film, eliminating wait time.
- The picture is viewed in seconds by the technologist, quickly determining whether or not a repeat view is needed.
- At the time of interpretation, radiologists can enhance the image by adjusting the brightness or contrast and can also digitally zoom in on specific areas of interest.
- Digital mammograms generally provide a sharper image, which may reduce the need to be called back for additional pictures when unclear images create questions.

## Stereotactic Breast Biopsy

Stereotactic breast biopsy, now available with digital mammography at the Princess Anne and Virginia Beach General locations, is used to map the precise location of a suspicious area in the breast that was identified on a mammogram. This technology allows the physician to target and remove a small section of the suspicious tissue with pinpoint accuracy. The sample is then sent to a pathologist for a diagnosis.

**To schedule an appointment for women's imaging, call one of our three convenient Virginia Beach locations:**

**Sentara Bayside Hospital**  
800 Independence Boulevard  
Virginia Beach, VA 23455  
(757) 388-2030

**Sentara Princess Anne**  
1975 Glenn Mitchell Drive  
Virginia Beach, VA 23456  
(757) 388-2030

**Sentara Virginia Beach  
General Hospital**  
1060 First Colonial Road  
Virginia Beach, VA 23454  
(757) 388-2030

