

EFW Radiology provides comprehensive diagnostic breast imaging, including:

- Mammography
- iCAD Second Look® for enhanced breast cancer detection on all mammograms
- Breast Density Assessment on every mammogram
- Automated Whole Breast Ultrasound (AWBU) screening for dense breasts
- Ultrasound-guided biopsy
- Breast MRI

To book an appointment please call
(403) 541-1200

For more information and a complete list of services and clinic locations, please visit efwrad.com.

AUTOMATED WHOLE BREAST ULTRASOUND

*A Supplementary Screening Exam
for Women with Dense Breasts*



WHAT IS AUTOMATED WHOLE BREAST ULTRASOUND (AWBU)?

AWBU is the latest technology in imaging the **entire** breast with ultrasound. This exam is complementary to a mammogram and is especially beneficial to women with dense breast tissue, as dense tissue can make small cancers difficult to visualize using mammography alone.

THE EXAM

AN AWBU EXAM:

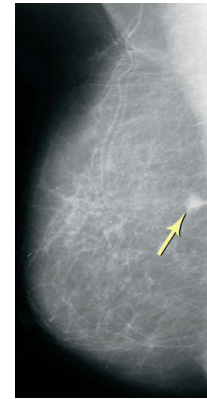
- does not involve breast compression, injection or radiation.
- is performed while lying in a comfortable position and is painless.
- provides images of the entire breast that are carefully reviewed by a radiologist with expertise in breast imaging.
- permanently records the results for future needs.

THE FACTS

AWBU has been proven to find small cancers that are not detectable by mammography in women with dense breasts. If you have dense breasts, this test is recommended in addition to your screening mammogram.

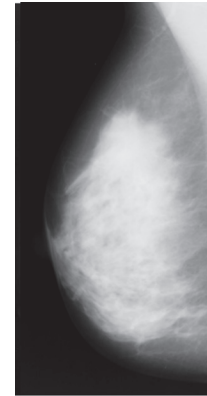
FATTY BREASTS

Spotting tiny cancers in the mammogram of a fatty breast is easier because cancer shows up white on dark, fatty breast tissue, as shown on the right.



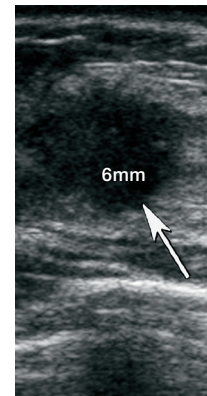
DENSE BREASTS

Cancers are hidden and, therefore, harder to find at a small size in dense breast tissue because both appear white on a mammogram.



ULTRASOUND

With ultrasound, cancers appear dark against the white background of dense breast tissue, making the cancer more visible. The image on the right shows a 6mm cancer which was not detected by a previous mammogram.

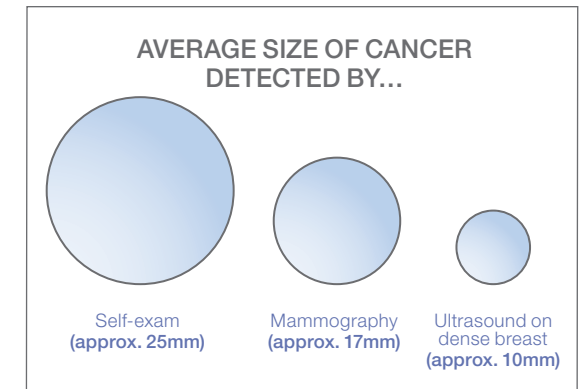


ASSESSING BREAST DENSITY

Breast density refers to the volume of the breast that is composed of fat versus dense tissue. EFWD provides a standardized, objective assessment of breast density using a computerized model.

RESEARCH SHOWS:

- early detection of breast cancer is essential.
- detecting cancers at a small size saves lives.
- AWBU can detect 3-4 additional cancers per 1,000 women with dense breast tissue screened with both modalities, as compared to mammography alone (and the cancers detected have been **small**, invasive cancers).



“Talk to your doctor about developing a specialized program for early detection that meets your individual needs and gives you peace of mind.”

– Breastcancer.org