

Questionable Mammogram?

*Breast-Specific Gamma Imaging
(BSGI) is the right next step.*

Dilon
Technologies

What is my next step?

While mammography remains the primary method of early detection, diagnostic challenges can occur due to the complexity of breast tissue. There are times when additional testing is necessary.

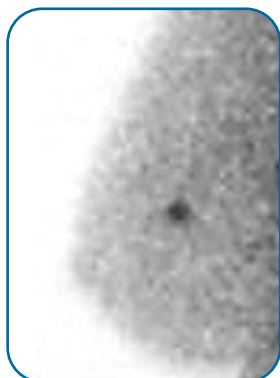
Breast-Specific Gamma Imaging (BSGI) is a strong diagnostic tool especially for patients who have:

- Dense breast tissue
- Indeterminate areas on mammography, ultrasound or MRI
- Lumps that can be felt, but not seen with mammography or ultrasound
- Implants and breast augmentation
- Scarring from previous surgeries

BSGI reveals cancerous lesions, even in women with difficult-to-read mammograms.

How does BSGI work?

With BSGI, you receive a pharmaceutical tracing agent that is absorbed by all the cells in the body. Due to their increased rate of metabolic activity, cancerous cells in the breast absorb a greater amount of the tracing agent than normal, healthy cells, and generally appear as "dark spots" on the BSGI image. The Dilon 6800 Gamma Camera is a high-resolution, compact gamma camera, optimized to perform BSGI. Compared to mammography, BSGI requires only slight compression of the breast, just enough to hold the tissue in the device and you are seated throughout the process.



A malignancy (cancer) is generally revealed as a highly concentrated focal area on a BSGI image.

Peace of Mind

Breast-Specific Gamma Imaging (BSGI) – a molecular breast imaging technique – can aid in diagnosis when a mammogram is inconclusive; revealing important information that can help your doctor more accurately determine if an area of concern is cancerous or not.

No more "wait and see" – With BSGI you and your doctor can take the next step and get the answers you need.



After a Mammogram

A mammogram is an X-ray study of the breast used to image tissue structure and density. If you are scheduled for additional testing, your mammogram may have been difficult to interpret due to some specific characteristics of your breast tissue.

For example, dense breast tissue is displayed on a mammogram as white areas. Abnormalities or cancerous tissue can also appear as white or light areas. This can make it difficult to locate masses. BSGI, working on a cellular or metabolic level, helps differentiate cancer from other structures or benign tissue in the breast.

Why your doctor is testing with BSGI

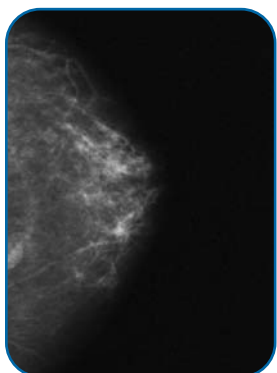
Some physicians order additional tests to help determine diagnosis, such as an ultrasound and/or MRI. BSGI is specific enough to determine metabolic changes within the breast that indicate suspicious cells. BSGI can also help your doctor determine if biopsy is necessary. Biopsies can be traumatic and leave scars, and may be preventable in some cases.

BSGI is the ideal complement to mammography. Pairing the information from these two imaging tests gives your doctor strong diagnostic capability in determining your breast health.

Is BSGI right for me?

- I have been told I have dense breasts.

X-rays do not penetrate **dense breast tissue** very well, which makes it harder for your doctor to interpret a mammogram. In addition to younger and pre-menopausal women, dense tissue often occurs in women going through hormone replacement therapy or those who have undergone radiation treatment. BSGI detects cellular changes – regardless of breast density – that a mammogram may miss.



High density breast tissue caused the mammogram result to be highly suspicious of cancer.



BSGI, confirmed by biopsy, shows that no cancer is present.

- I am a breast cancer survivor.

Scar tissue trauma or radiation therapy can look suspicious on a mammogram. It can be difficult to differentiate scarring from tumors with mammography. BSGI can see hidden areas and reveal cancerous lesions.

- My mammogram shows multiple areas of concern.

Some women have several areas of concern in their mammogram. In such cases, further investigation is necessary. BSGI allows doctors to evaluate the entire breast at different angles to help identify any cancerous lesions. Appropriate next steps, if any, can be taken.

- I have breast implants.

Implants can complicate image interpretation even with special compression views of the breast. BSGI uses only slight compression of the breast and its detection of cancer is not hindered by implants.

BSGI – a molecular breast imaging technique – with the Dilon 6800 Gamma Camera

- Is a strong diagnostic tool in early breast cancer detection
- Improved management of patients with difficult to diagnose breast tissue
- Is clinically proven
- Is safe and effective
- Can provide same-day results in your physician's office
- Is easy and comfortable
- Can be conducted at a much lower cost than MRI

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