

### Weinstein Imaging Introduces Breast-Specific Gamma Imaging

Weinstein Imaging Associates, a leading ultrasound and breast imaging facility in Western Pennsylvania, is introducing Breast-Specific Gamma Imaging (BSGI), an innovative technology and advanced diagnostic test that helps to detect breast cancers and evaluate questionable findings on mammography or ultrasound.

According to the American Cancer Society, more than 8,800 cases of breast cancer will be diagnosed in Pennsylvania this year. Approximately 15 percent of these cancers will not be detectable by mammography, usually because of masking by dense breast tissue.

Performed with Dilon 6800 high-resolution Gamma Camera, BSGI is an effective problem-solving test and diagnostic tool, particularly when dense breast tissue is present,

and it is considered an ideal complement to mammography when additional assessment is needed.

Mammography primarily measures differences in tissue density, but because dense tissue and cancers often have the same color and structure on a mammogram, cancers may blend in with the normal surrounding tissue and be difficult to see. BSGI measures differences at the cellular level and is not affected by tissue density. It is useful for patients who have scar tissue, breast implants or a palpable lump when a mammogram and ultrasound are normal.

The new molecular imaging technique has a high sensitivity for the detection of small breast cancers. In addition, it has infrequent false-positive results, which means that many surgical biopsies for benign conditions can be avoided.

When patients have a BSGI test, they receive a small amount of tracing agent that is absorbed by all cells in their body. Because cancerous cells have higher metabolic activity, they absorb more of it and thereby show up as "hot spots" on the gamma camera pictures. BSGI takes about 45 to 60 minutes to perform. Since tight compression of the breast is not necessary and patients are seated throughout the procedure, they generally find the exam to be comfortable. Although it is a relatively new test, most insurance companies already for BSGI. ▲



**First in Pittsburgh to offer BSGI test to detect cancer**

**Quick appointments**

**Prompt results**

**North Hills:** 412-630-2649  
5500 Corporate Drive  
(next to TGI Friday's)

**Shadyside:** 412-441-1161  
5850 Centre Avenue  
(near Whole Foods)

**South Hills:** 412-440-6999  
1910 Cochran Road  
(behind Max & Erma's and near Amerifit Fitness Club)

**On the web:** [weinsteinimaging.com](http://weinsteinimaging.com)

### Weinstein Imaging ASSOCIATES

BREAST IMAGING, ULTRASOUND, BONE DENSITOMETRY AND BEYOND

### Premier Ultrasound and Breast Imaging Center



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