

Normal Mammogram with Positive BSGI

George Washington University Medical Center - Washington, D.C.

Breast-Specific Gamma Imaging with the Dilon 6800

Clinical History

51 year-old female with prior left breast lumpectomy of infiltrating ductal and DCIS in October 1996. Subsequent annual mammography screens were stable.

Mammogram

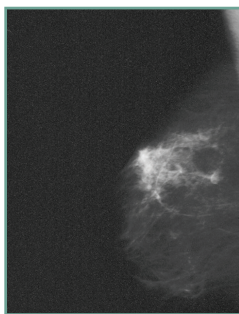
Right breast: nodular density stable for 3 years - since 1998. No abnormality detected. BIRADS 2.

Breast-Specific Gamma Imaging

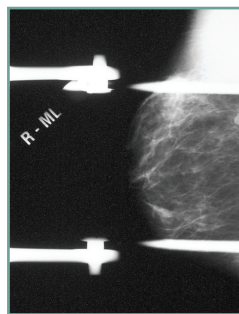
BSGI revealed an area of high-intensity 6 mm focal uptake in the 10 o'clock position of the right breast. POSITIVE.

Histopathology Findings

Right breast intraductal and infiltrating ductal with DCIS carcinoma. Sentinel node was negative.



RMLO mammogram



Spot Compression RMLO

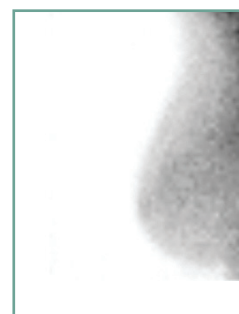


RMLO BSGI



RCC BSGI

BSGI normal at one year follow-up



2nd year RMLO BSGI



2nd year RCC BSGI

"BSGI has been shown to be a powerful and important modality for improving cancer diagnosis in a high-risk screening population with normal mammograms and physical examination." Brem, Rachel M.D.

