**COMPANY MASTHEAD**

Dear {Name of Referring Physician},

{Name of Hospital or Health Care Facility} is committed to delivering state-of-the-art healthcare to our patients. We’re proud to announce the introduction of Wide-angle Breast Tomosynthesis to our mammography practice, a move that furthers our mission of quality care.

As a leading health provider, you recognize the role early detection plays in treating breast cancer. We believe wide-angle breast tomosynthesis makes it easier to achieve this goal.

**Going 3D**

2D mammogram technology is state-of-the-art, but it suffers from decreasing sensitivity as tissue density increases. This can result in unclear images – and missed cancers, especially in dense breasts.

Mammograms also present challenges in image reading and interpretation. A 3D object like the breast, displayed as a 2D X-ray image, forcibly leads to a loss of image depth information. Superimposition means lesions may be masked by the tissue above or underneath, or normal structures may mimic a lesion. Wide-angle Breast Tomosynthesis helps us reduce these challenges.

**How It Works**

A full-field digital mammography system acquires multiple projection images of the breast. The X-ray tube moves through a wide 50o arc above the stationary detector, acquiring an image every two degrees for 25 projections.

The images are reconstructed into a 3D volume in DICOM format for flexible display on reading and reporting workstations. Physicians can scroll through the slices for a comprehensive view. The 3D image quality and depth resolution directly depend on the number of projections, angle size and reconstruction algorithm.

**Potential Advantages**

* Fewer call backs for additional screening and testing
* Simple detection that shows the inner breast structure more clearly
* Better detection because thin layers of tissue are shown separately, and suspicious lesions from traditional 2D images can be ruled out as benign
* Improved imaging for dense breast tissue

Call to learn more about Wide-angle Breast Tomosynthesis. We’re happy to demonstrate our new technology and show its potential to save lives.

**{NAME OF HOSPITAL OR HEALTH CARE FACILITY}**

**{PHONE NUMBER OF HOSPITAL OR HEALTH CARE FACILITY}**