The Breast & Bone Center at Memorial Hermann The Woodlands Hospital is a comprehensive, state-of-the-art screening and diagnostic facility recognized as a Breast Imaging Center of Excellence by the American College of Radiology. While most women have heard the message that early detection is the key to surviving breast cancer, many still put off having regular mammograms. In our easily accessible and spa-like environment, quality breast and bone health services are provided by affiliated board-certified and dedicated breast specialists.

Located in Medical Plaza 3, the Breast & Bone Center provides a full range of advanced screening and diagnostic services, including tomosynthesis digital 3-D mammography technology.

Breast Tomosynthesis
Breast tomosynthesis is an innovative new, FDA-approved digital technology that helps physicians detect smaller tumors sooner - at the earliest stages of breast cancer.

The 3-D imaging technology of tomosynthesis enables radiologists to see inside the breast. This reduces or eliminates problems caused by dense tissue overlapping.

The quality of images with 2-D digital mammography is still considered the gold standard of breast screening, but the ability to peel away layers with tomosynthesis provides an opportunity to markedly improve breast screening, especially for women with dense or fatty breast tissue.

Digital Mammography
Rather than placing the image on film, digital mammography displays it on a computer screen. The physician can then use advanced software to enhance, magnify or optimize the images for further evaluation and interpretation. Digital images can be acquired more quickly and more comfortably, reducing testing time. Digital mammography is also preferred for imaging dense breasts.

Breast Ultrasound
Using high-frequency sound waves, breast ultrasound can determine whether a lesion is a solid tumor or a fluid-filled cyst. It is especially useful in evaluating suspicious areas in the denser breast tissue of younger women.
Breast Ultrasound-Guided Needle Biopsy
This technique may also be used to obtain tissue samples from areas where masses are seen on ultrasound. Ultrasound is used to guide the needle for increased precision in removing the tissue sample.

Breast Ductogram
This procedure can pinpoint defects in breast ducts. A contrast agent is introduced into the duct to expose possible defects when the breast is X-rayed.

Breast MRI
This noninvasive procedure is most commonly used for additional screening in high-risk women when the findings of a mammogram are inconclusive, or to determine the extent of the disease in newly diagnosed breast cancer.

Computer-Aided Detection (CAD)
Each mammogram is also reviewed by a computer designed to search for abnormalities. CAD technology acts as a second pair of eyes, reviewing mammogram film after the radiologist has already made an initial interpretation.

Stereotactic Biopsy
This innovative nonsurgical biopsy method uses a computer-guided needle to remove a breast tissue sample.

Dedicated, Affiliated Breast Radiologists
All diagnostic mammogram and ultrasound results are interpreted on site and given immediately to patients.

Oncology Nurse Navigator
This is an expert oncology nurse and patient/client advocate who assists patients during the course of treatment, addresses patient and family education, and serves as a liaison throughout the continuum of care. Being diagnosed with cancer can be a frightening and confusing experience. These professionals redefine the patient experience by combining knowledge and skills with the support, compassion and spirituality our patients deserve.

Bone Health Services

Bone Densitometry
This procedure measures bone mineral density to identify bone strength and weakness. This information is a useful diagnostic tool in diagnosing osteoporosis.

Instant Vertebral Assessment
This assessment identifies and evaluates bone mineral density with vertebral spine fracture prevalence. Test information is used to make the best possible preventive treatment strategy.

Hours
Monday - Friday 7 a.m. – 7 p.m.
Saturday 8 a.m. – noon

To make an appointment, call 713.897.2514 or 877.40.MAMMO.