



### What to do after the procedure?

The Radiologist will examine the images and determine if the images are sufficient. Patient may be asked to stay for a while until the Radiologist says that the images are complete.

Secure appointment with your doctor when the result is available.

### DBT Results

PHMC's Radiologist will examine thoroughly the created images and provide an accurate report to the requesting doctor. PHMC will advise you on the release date of the results.

The results will be explained by the requesting doctor to the patient. If the doctor finds an abnormality in the results, he/she may request for additional views of the breast to further evaluate the condition.

### Other Services offered by PHMC:

- 3D Transvaginal Ultrasound
- 4D Ultrasound
- Breast Ultrasound with Elastography and Automated Breast Volume Scanner
- Cervical Biopsy
- Colposcopy
- Core Biopsy
- Cryotherapy
- Endometrial Biopsy
- Fine Needle Aspiration Biopsy
- Mammotome Breast Vacuum Biopsy
- Needle Localization
- OB Ultrasound



**WOMEN'S HEALTHCARE AND DIAGNOSTICS CENTER**



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# PERPETUAL HELP MEDICAL CENTER - LAS PIÑAS

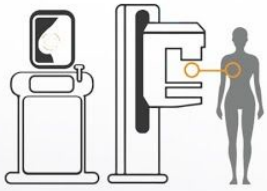
# Digital Breast Tomosynthesis



Dedicated to Life.



## What is 3D Mammography or Digital Breast Tomosynthesis (DBT)?



**Three-Dimensional (3D) Mammography or Digital Breast Tomosynthesis (DBT)** is an advanced form of breast imaging or mammography that uses a low-dose x-ray system and computer reconstructions to create three-dimensional images of the breasts.

DBT helps in the early detection and diagnosis of breast diseases in women.

## Does Perpetual Help Medical Center (PHMC) offer Digital Breast Tomosynthesis (DBT)?

Yes. PHMC's Women's Health and Diagnostic Center provides a Three-Dimensional (3D) Mammography or Digital Breast Tomosynthesis and also offers Digital Mammography. Digital Mammography or Full-Field Digital Mammography (FFDM) is a mammography system in which x-ray film is replaced by electronics that convert x-rays into mammographic pictures of the breast. These procedures are some of the various services offered by the PHMC's specialized center. PHMC has highly trained Radiologists and Radiologic Technologists who can perform this medical procedure.

Committed to providing high-quality services to patients, a high-end mammography system **Mammomat Revelation** has finally arrived at PHMC. This latest state-of-the-art mammography machine improves diagnostic accuracy with Siemens's unique 50° wide-angle tomosynthesis.

### How does DBT work?

DBT is an outpatient procedure. A well-qualified Radiologic Technologist will position the patient's breast on the mammography unit. The technologist will then place the patient's breast on a special platform and compress it with a SoftCom paddle. The patient may be asked to change her positions between images. The views are top-to-bottom and angled side views. The same process will be done to the patient's other breast. The patient must also hold her breath for a few seconds while the x-ray picture is taken. The procedure will take about 30 minutes to complete.

With the use of the new machine, Mammomat Revelation, the specimen will be scanned directly within seconds in the system with InSpect.



## Who may need a DBT ?

The doctors may recommend a female patient who do not have signs or symptoms of breast cancer for a screening test. A woman-patient will undergo this procedure as a diagnostic test to check the lumps or other symptoms she found by herself or by her attending doctor.

## What are the benefits of DBT?

Among the benefits of this important procedure are:

- Early detection of all types of breast cancer
- Better accuracy in pinpointing the size, shape and location of breast abnormalities
- Fewer unnecessary biopsies or additional tests
- Clearer images of abnormalities within dense breast tissue
- Detection of small tumors
- Detection of small abnormal tissue growth in the breast's milk ducts
- No radiation remains in the patient's body
- No side effects

## What are the preparations before DBT?

Be sure to observe the following:

- Have your examination when your breasts are not swollen or tender.
- Avoid taking the procedure a week before your menstrual period.
- Avoid using deodorant or antiperspirant on the day of the procedure.
- Use comfortable clothes.
- Do not hesitate to describe any breast problems or changes to the technologist.
- Make sure to tell the technologist your medical history that can affect your risk of breast cancer.
- Do not forget to tell the technologist if you are breastfeeding/pregnant/possibly pregnant.

## What can one expect during the procedure?

- Patient will feel pressure on her breast due to the compression paddle squeezing.
- Patient can expect less discomfort because of the Mammomat Revelation's Personalized Soft Compression with SoftComp paddle.
- If the pain occurs during compression, be sure to inform the technologist for adjustment.

