

# Learning Series - #3



## Making sense of medical terminology - BREAST IMAGING

### Mammogram

An x-ray exam of the breast providing a two dimensional view of breast tissue. A special machine designed specifically to examine breast tissue is used.



### Breast MRI

A test used to detect breast cancer and other abnormalities in the breast through the capture of multiple images of your breast. Breast MRI images are combined, using a computer, to create detailed pictures.



### Tomosynthesis

A special kind of mammogram that produces a 3- dimensional image of the breast by using several low dose X-rays obtained at different angles.



### Breast Ultrasound

An imaging technique commonly used to screen for tumors and other breast abnormalities. The ultrasound uses high-frequency sound waves to produce detailed images of the inside of the breasts.



### Fibroadenoma vs Breast cyst

A fibroadenoma is a benign tumor usually occurring in breast tissue.

A breast cyst is a fluid-filled sac within the breast.



### Breast Density

A measure of the proportions of fat, connective tissue and breast tissue within the breast. A dense breast has a greater amount of ducts, glands, fibrous tissue and less fat. Dense breast tissue can make detecting cancer via mammography difficult. Breast density can be characterized as Levels 1-4 or A-D.

#### Levels

- A/1 - <25% dense
- B/2 - 25-50% dense
- C/3 - 51-75% dense
- D/4 - >75% dense

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