Anatomic Planes of the Body and Breast

- Sagittal
- Mediolateral Oblique-MLO
- Coronal
- Axial
- CranioCaudal- CC

Slide courtesy of Mai Elezaby, M.D.
What anatomic structures do we see on imaging?

- Nipple
- Lactiferous ducts
- Mammary gland
- Lobes/Lobules
- Pectoralis Major Muscle
- Fat lobules
- Intercostal muscles
- Fat
- Glandular tissue
- Pectoralis major muscle
- Ribs
- Prepectoral fat
- Cooper's ligament
- Skin
- Rib
- Pectoralis major muscle
- Lactiferous ducts

Slide courtesy of Mai Elezaby, M.D.
Pectoralis Major muscle

Axillary lymph nodes

Nipple

Superior

Inferior

Right

Left

Slide courtesy of Mai Elezaby, M.D.
Breast tissue composition on imaging

Fatty  Dense

Slide courtesy of Mai Elezaby, M.D.
Mammogram (Right and Left, CC and MLO views)

- pectoralis major
- adipose tissue
- calcified vessel
- glandular tissue

Image courtesy of Christopher Straus, M.D.
Inguinal Lymph Nodes