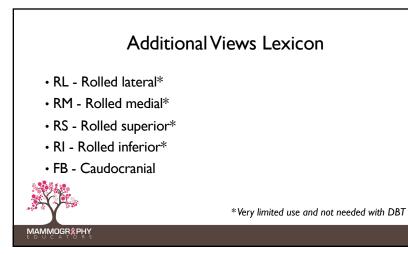


Additional Views Lexicon – Labeling Codes

- XCCL Exaggerated craniocaudal lateral
- CV Cleavage

MAMMOGR

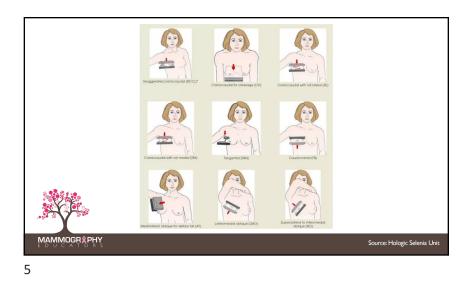
- ML Mediolateral
- LM Lateromedial
- AT Axillary tail
- TAN Tangential

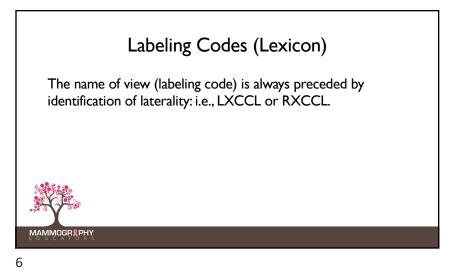




- LMO Lateromedial oblique
- M Magnification
- ID Implant displaced
- No label Spot Compression





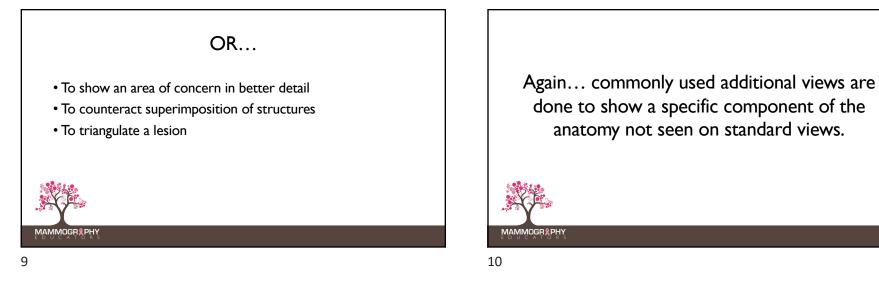


Most Commonly Used Additional Views • XCCL • CV • LM/ML MAMMOGR&PHY 7

Why Do We Do Additional Views?

- To show a specific component of the anatomy not seen on standard views
- To provide localization of an area of concern medial/lateral or superior/inferior to the nipple



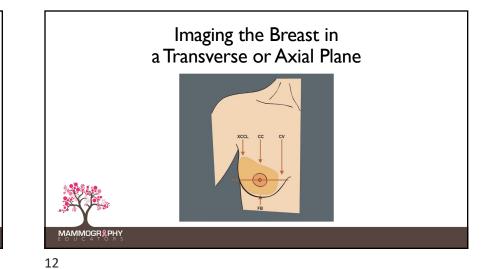


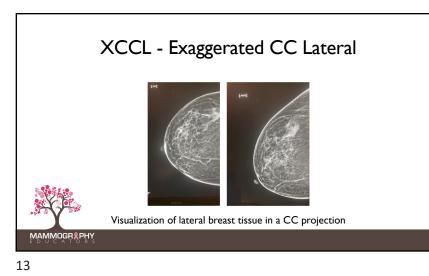
Ask and Answer

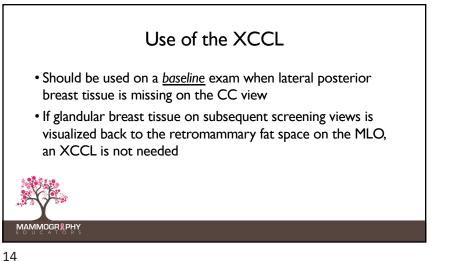
• Which part of the breast do I want to visualize?

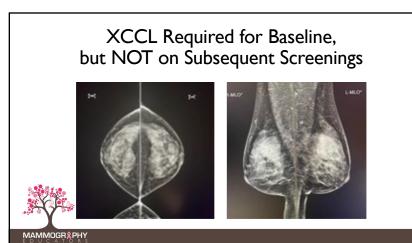
• In which projection?

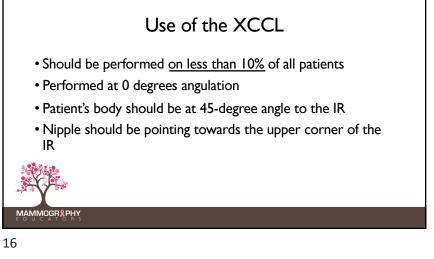
• Which view will accomplish this?

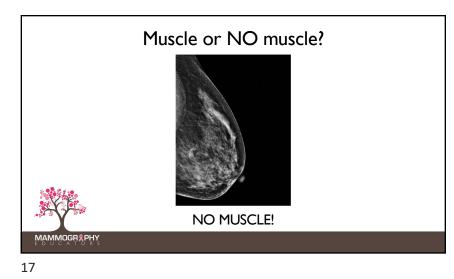




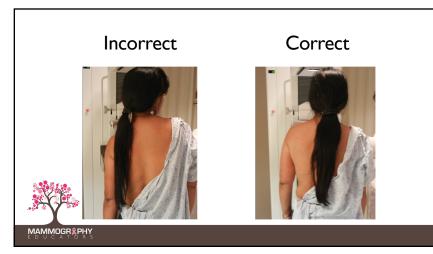


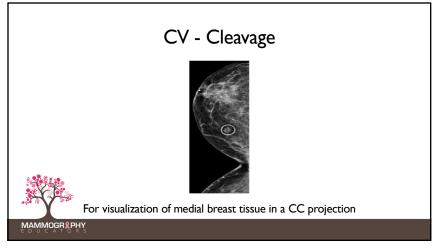


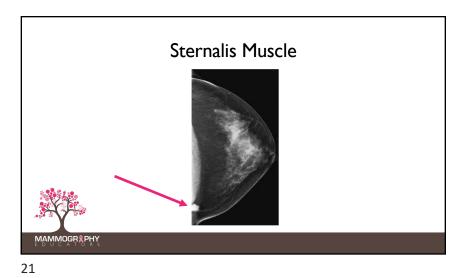


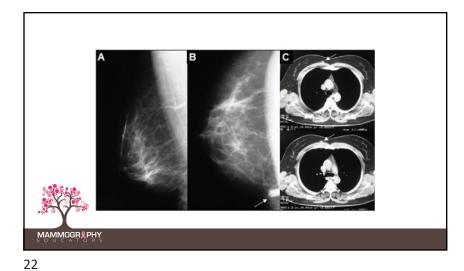










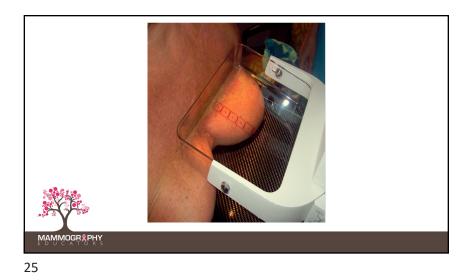


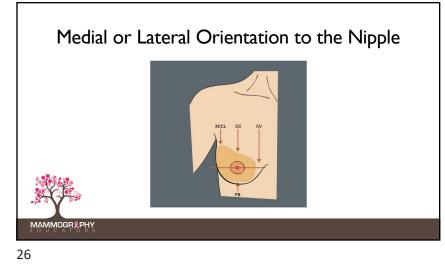
Sternalis Muscle

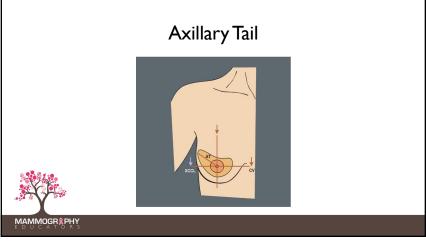
- Flame-like appearance (similar to an appendix)
- Present in only 7-10% of the population
- Seen medially on a mammogram
- Often misdiagnosed as the insertion of the pectoralis muscle

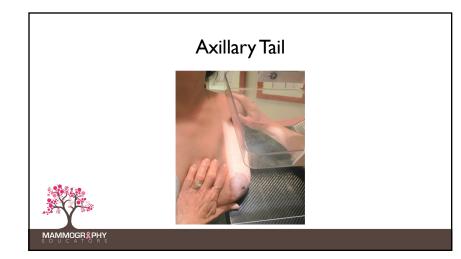


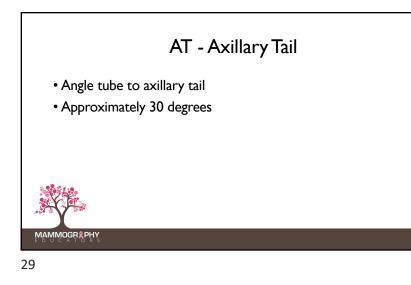
MAMMOGR

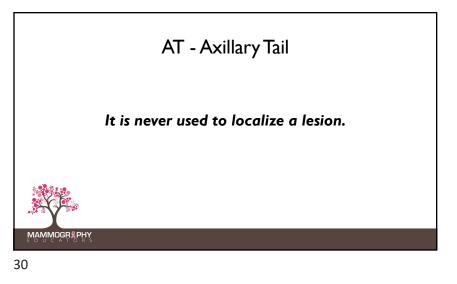






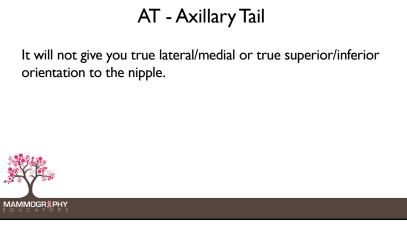






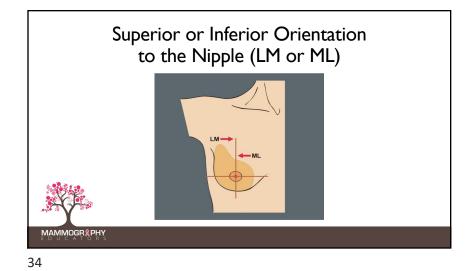
AT - Axillary Tail

- The AT View is used only for focal compression of the axillary tail
- Anterior to posterior orientation and compression



MAMMOGR&PHY





Use of the Lateral

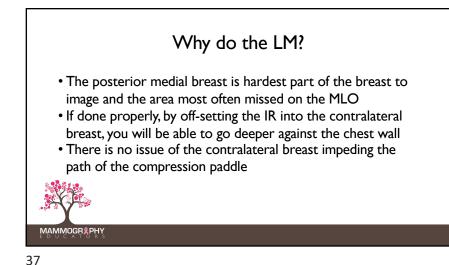
- Shows effects of gravity on air fluid levels (Milk of Calcium)
- Used as a "tie breaker" view (to overcome superimposition of structure)
- Visualizes the breast in the sagittal plane (demonstrates an area of concern superior or inferior to the nipple)

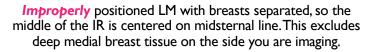


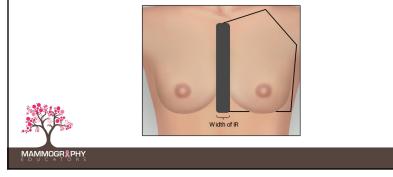
Why do the LM?

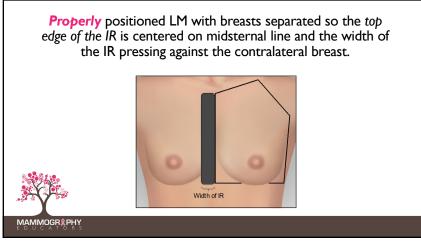
- When you did the MLO, you showed the lateral breast in better detail... The LM shows the medial breast in better detail
- Takes advantage of the lateral mobile border of the breast and thus facilitates positioning









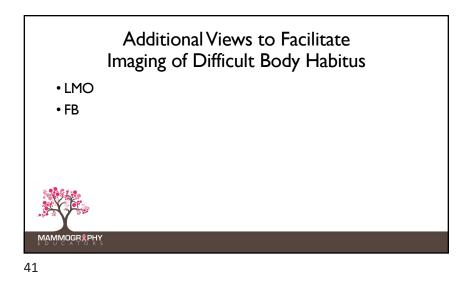


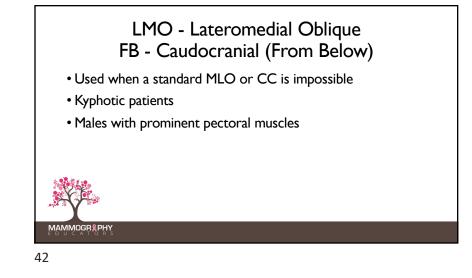
ML - Mediolateral

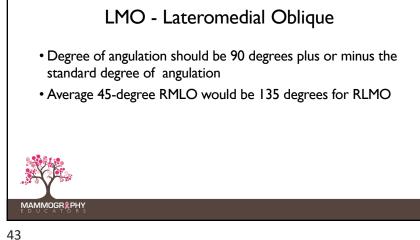
The opposite breast must be pulled back to allow the compression paddle to pass and may therefore eliminate visualization of deep medial breast tissue.



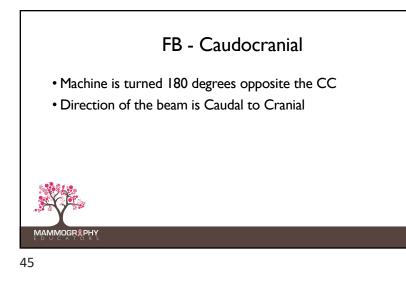


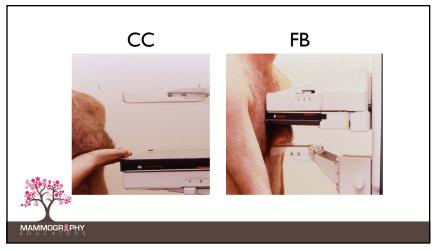












Additional Views for Clarification of Areas of Concern

- TAN
- Spot compression
- Spot compression with MAG
- Rolled views

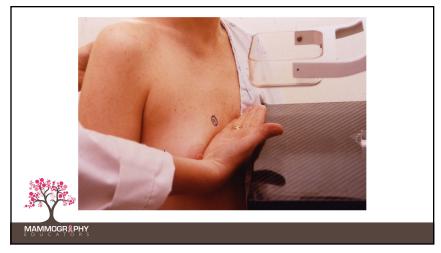




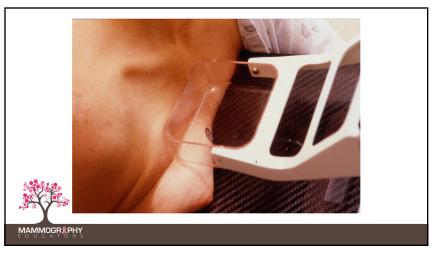
- To prove the existence of dermal calcifications
- Enhanced visualization of palpable masses that may otherwise be superimposed on glandular breast tissue











Localization for Verification of Skin Calcifications

- Decreased with use of DBT
- Set up the same as a needle localization
- Determine which quadrant the calcifications are located

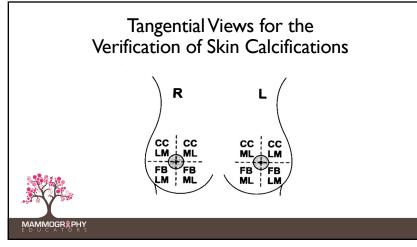


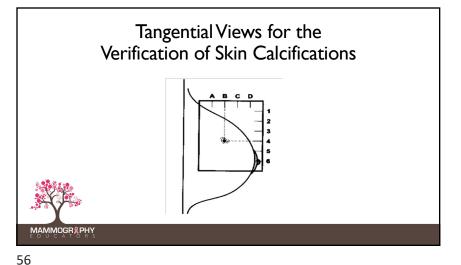
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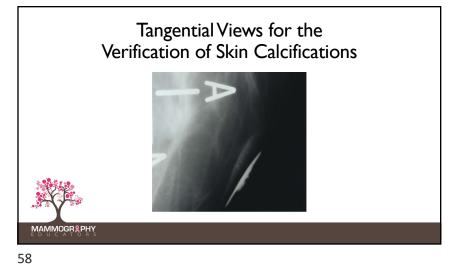
- Use biopsy paddle
- Select direction of approach so that the window of localization paddle is closest to the area in question

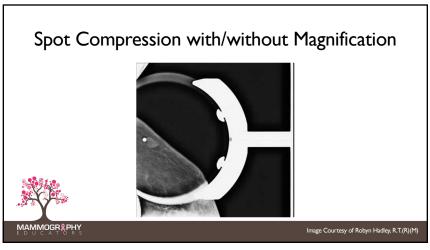


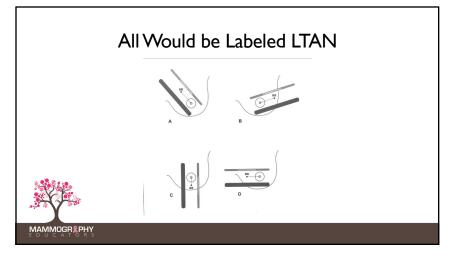


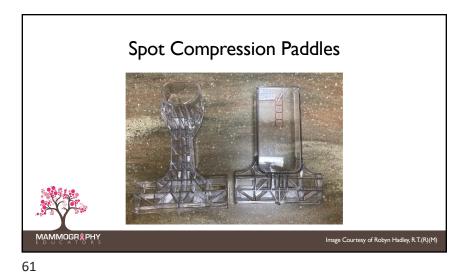


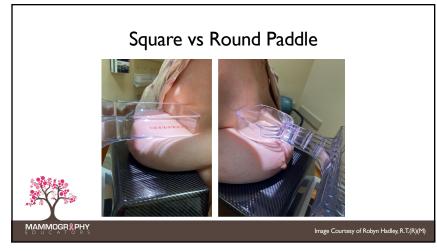




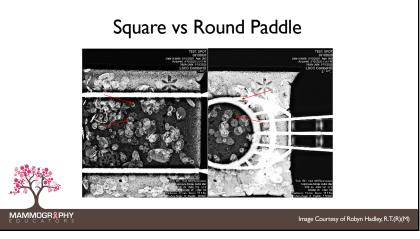


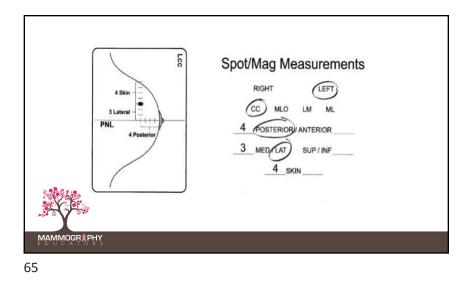


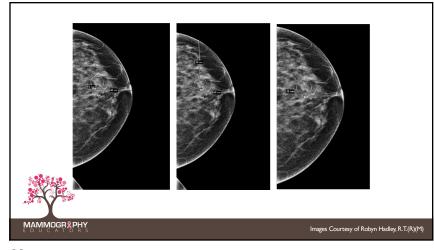


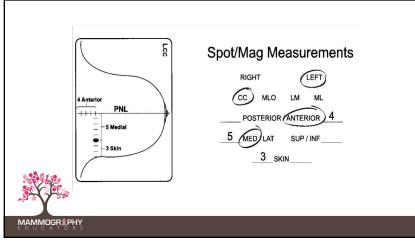


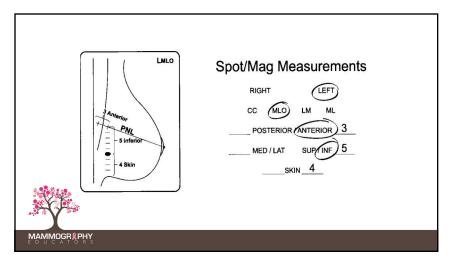


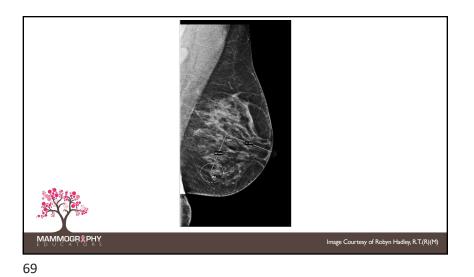


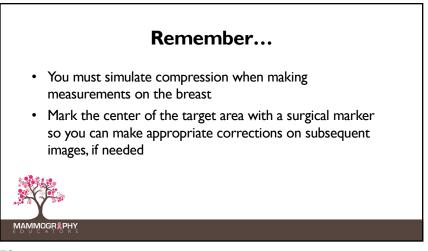






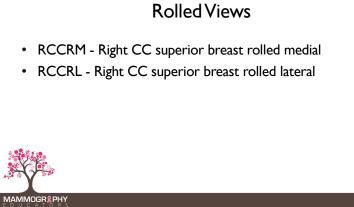






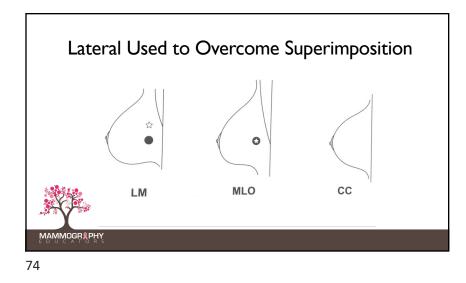
Remember...

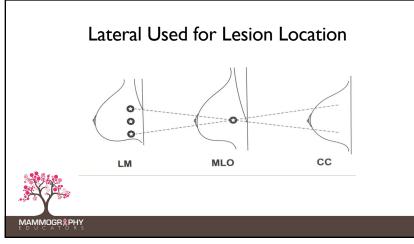
- Roll views Used to overcome superimposition of structures by changing the orientation of the beam to the breast
- Lateral views Used to overcome superimposition of structures by changing the orientation of the breast to the beam

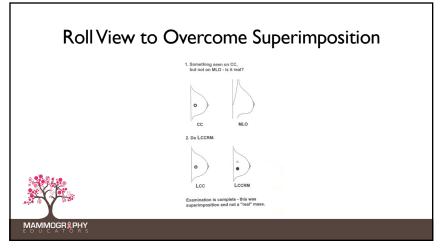


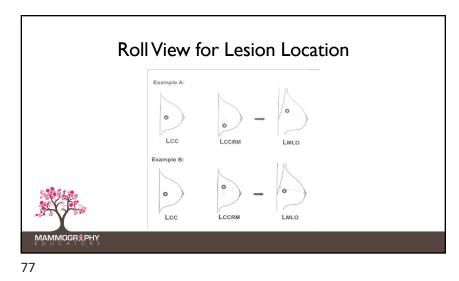
MAMMOGR&PHY

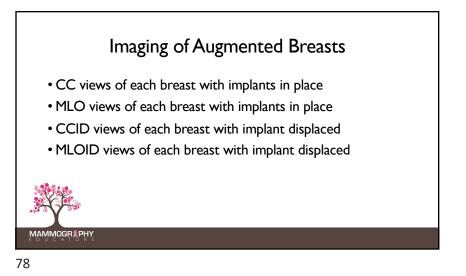


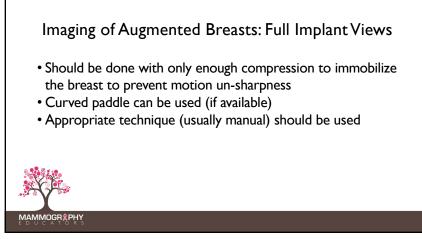


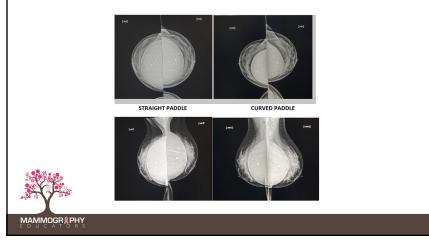


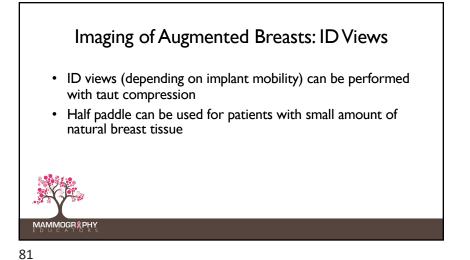










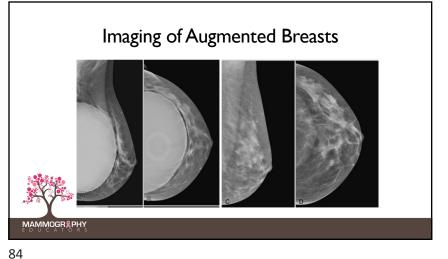


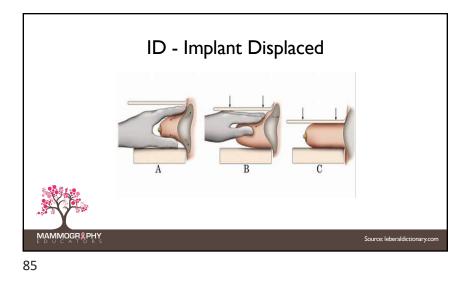
Imaging of Augmented Breasts: ID Views

- Appropriate technique (used for patients without implants) should be used
- Patient can be positioned from behind (with tech standing and/or patient seated)





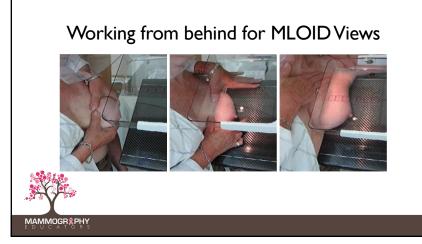




Working from behind for CCID Views



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Conclusion Additional views are helpful in identifying true location of areas of concern They are used for diagnostic work-ups Can provide valuable information to aid in diagnosis of breast cancer

