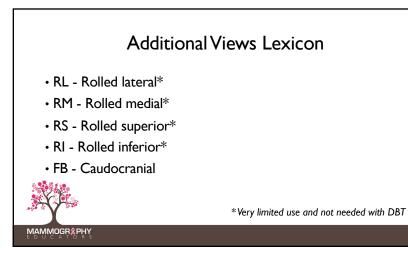


# Additional Views Lexicon – Labeling Codes

- XCCL Exaggerated craniocaudal lateral
- CV Cleavage

MAMMOGR

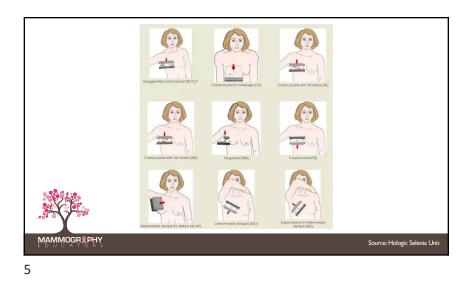
- ML Mediolateral
- LM Lateromedial
- AT Axillary tail
- TAN Tangential

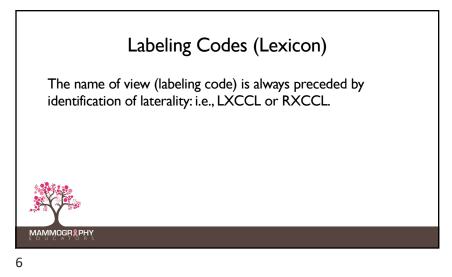




- LMO Lateromedial oblique
- M Magnification
- ID Implant displaced
- No label Spot Compression





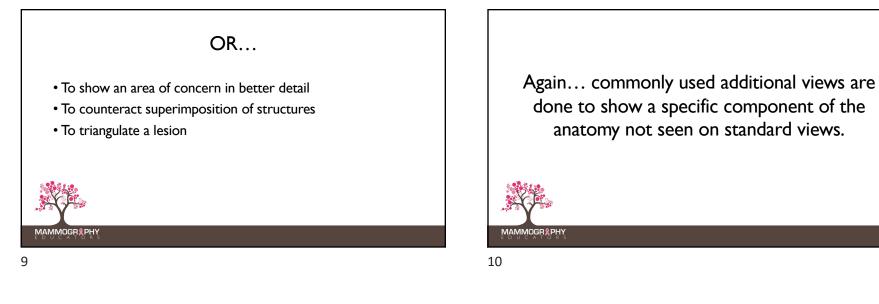


Most Commonly Used Additional Views • XCCL • CV • LM/ML MAMMOGR&PHY 7

# 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



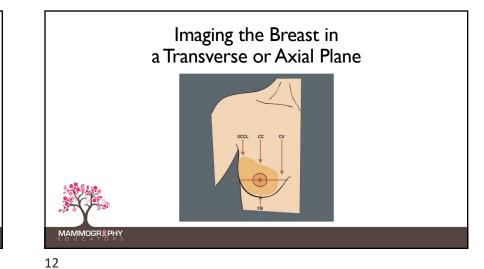


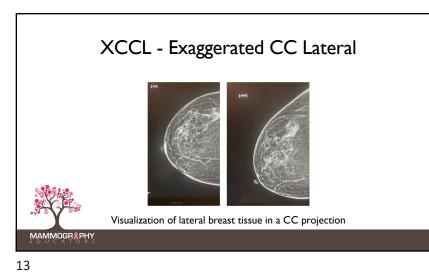
Ask and Answer

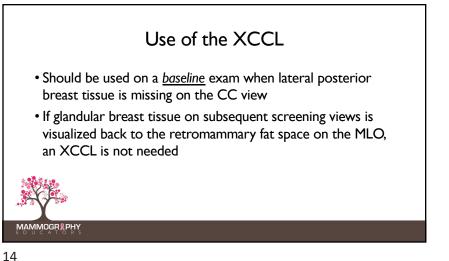
• Which part of the breast do I want to visualize?

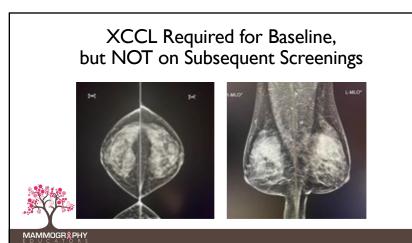
• In which projection?

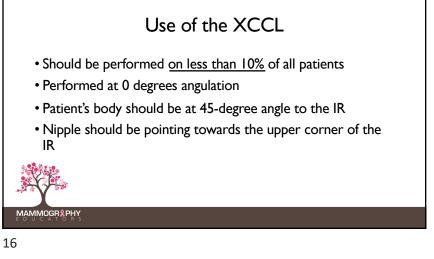
• Which view will accomplish this?

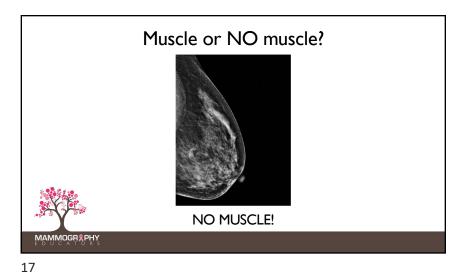




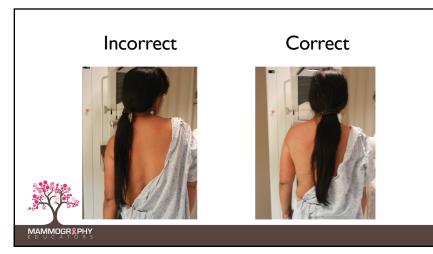


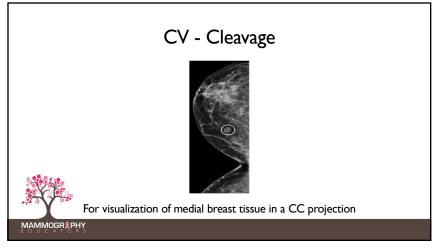


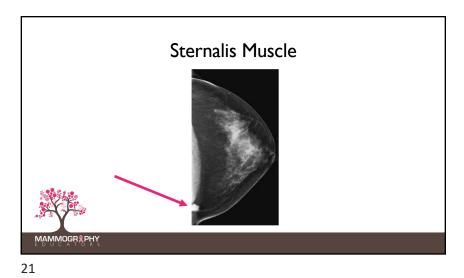


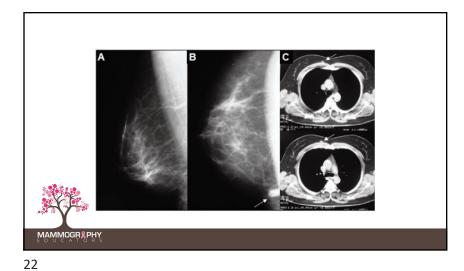










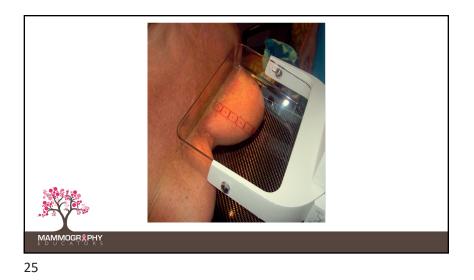


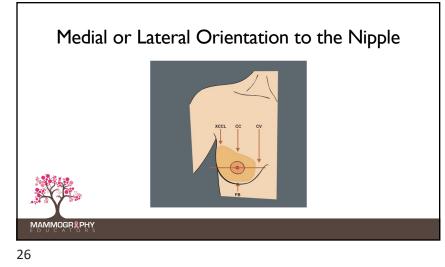
# Sternalis Muscle

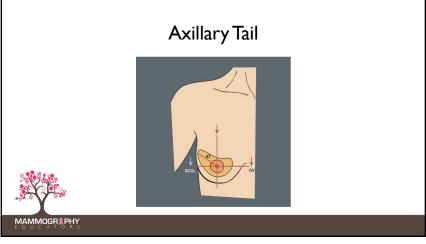
- Flame-like appearance (similar to an appendix)
- Present in only 7-10% of the population
- Seen medially on a mammogram
- Often misdiagnosed as the insertion of the pectoralis muscle

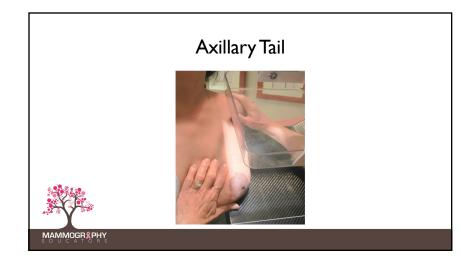


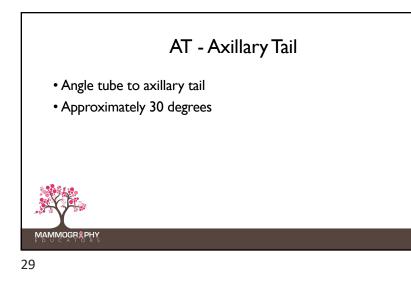
MAMMOGR

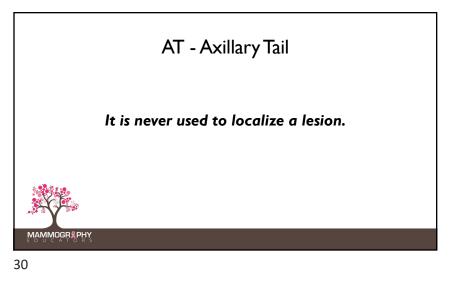






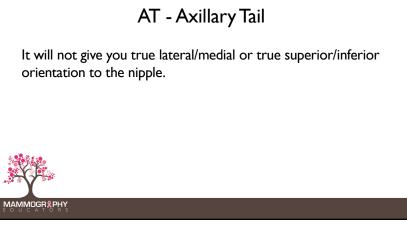






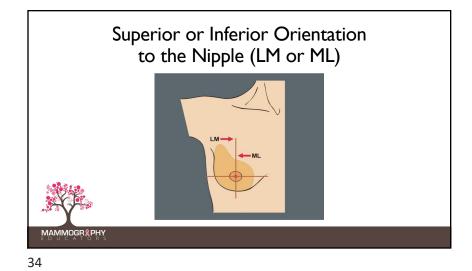
AT - Axillary Tail

- 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

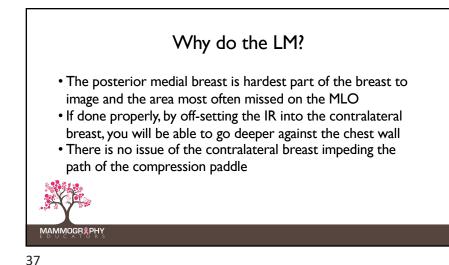
- Shows effects of gravity on air fluid levels (Milk of Calcium)
- Used as a "tie breaker" view (to overcome superimposition of structure)
- Visualizes the breast in the sagittal plane (demonstrates an area of concern superior or inferior to the nipple)

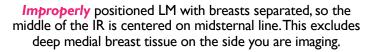


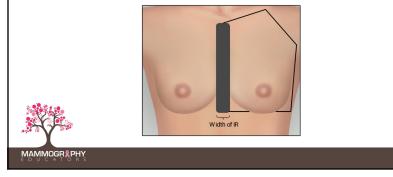
## Why do the LM?

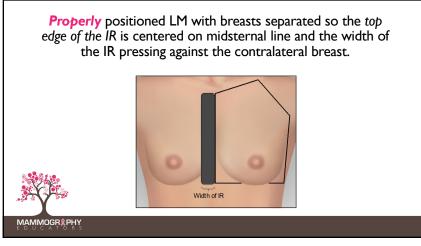
- When you did the MLO, you showed the lateral breast in better detail... The LM shows the medial breast in better detail
- Takes advantage of the lateral mobile border of the breast and thus facilitates positioning









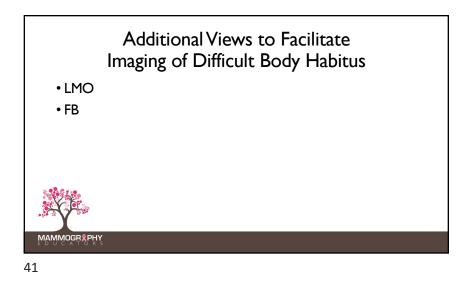


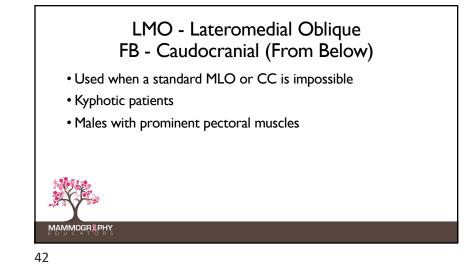
### ML - Mediolateral

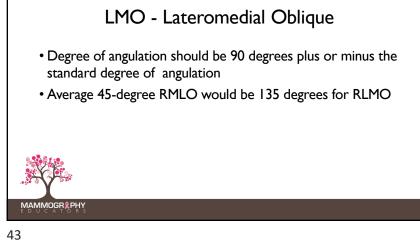
The opposite breast must be pulled back to allow the compression paddle to pass and may therefore eliminate visualization of deep medial breast tissue.



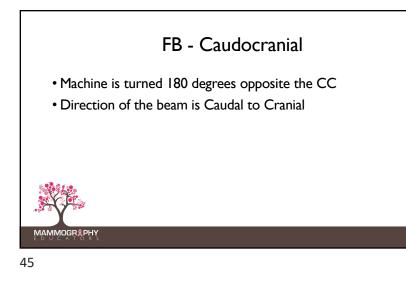


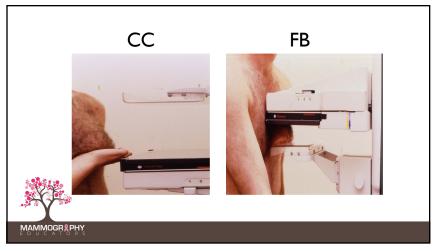












# Additional Views for Clarification of Areas of Concern

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

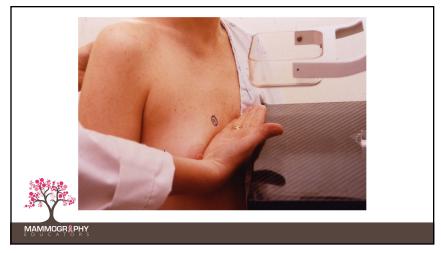




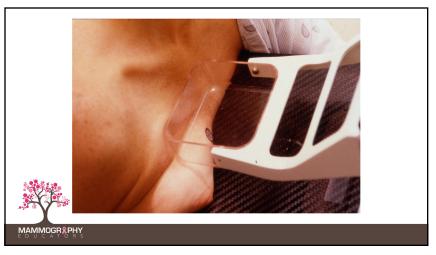
- To prove the existence of dermal calcifications
- Enhanced visualization of palpable masses that may otherwise be superimposed on glandular breast tissue











# 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

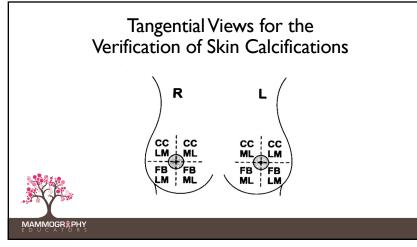


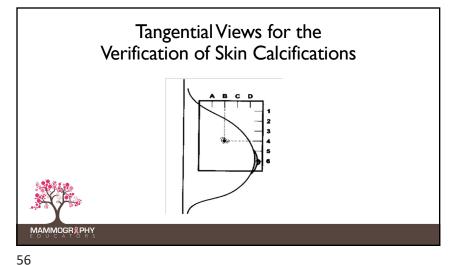
### 53

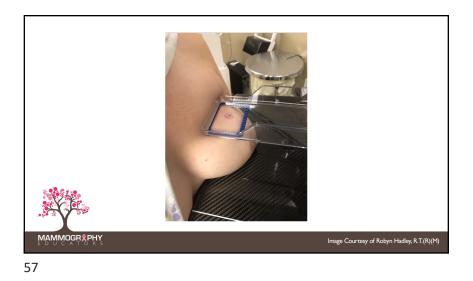


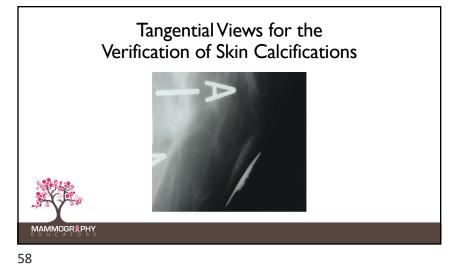
- Use biopsy paddle
- Select direction of approach so that the window of localization paddle is closest to the area in question

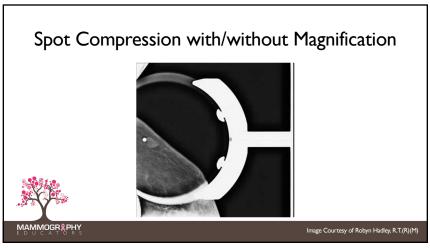


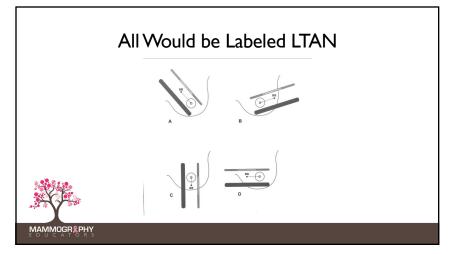


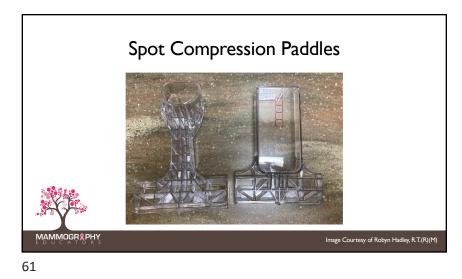


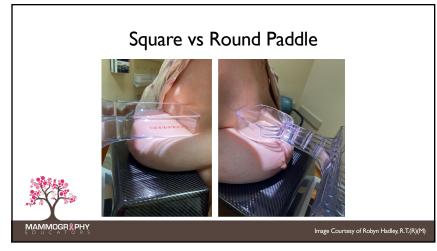




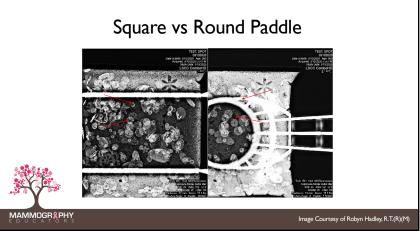


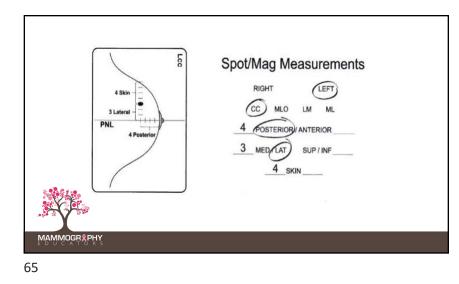


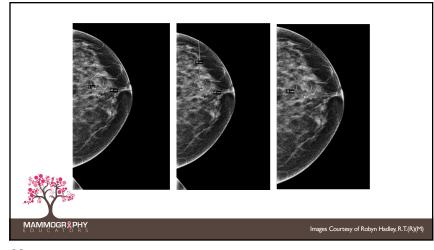


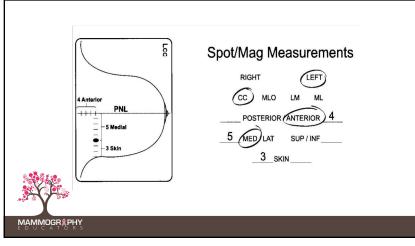


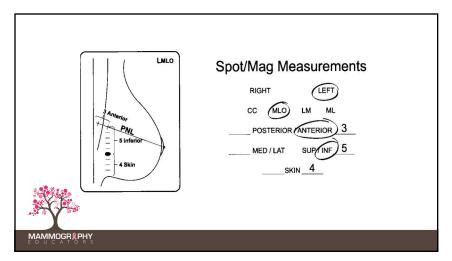


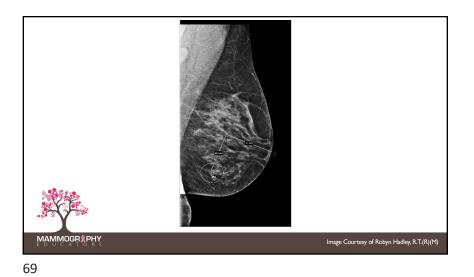


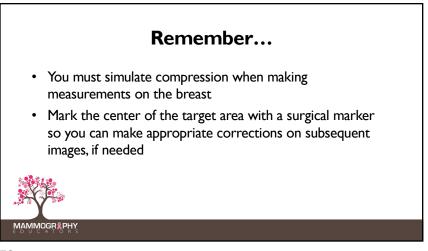






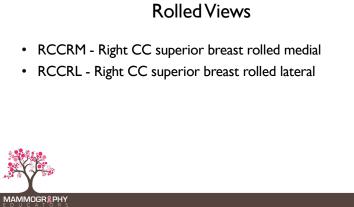






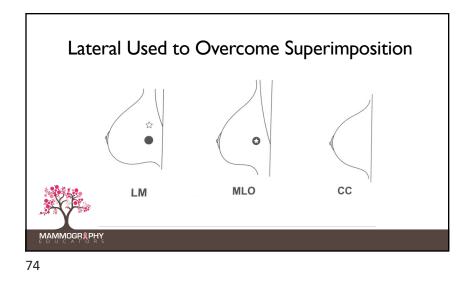
Remember...

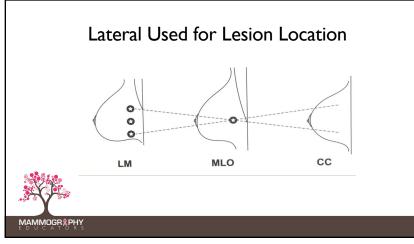
- Roll views Used to overcome superimposition of structures by changing the orientation of the beam to the breast
- Lateral views Used to overcome superimposition of structures by changing the orientation of the breast to the beam

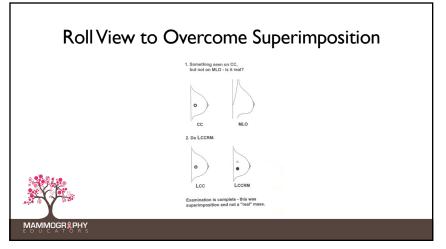


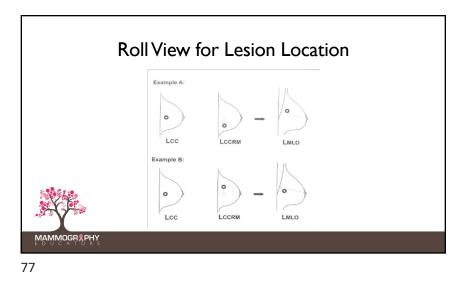
MAMMOGR&PHY

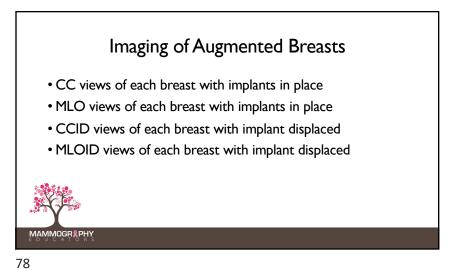


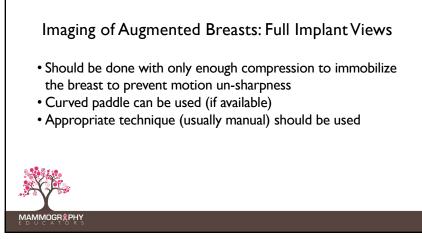


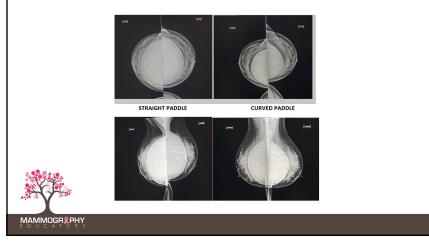


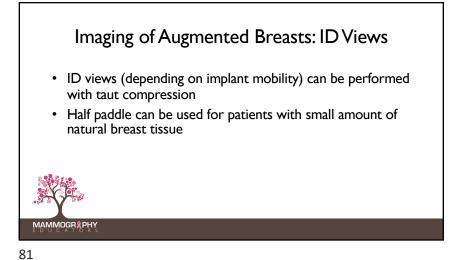










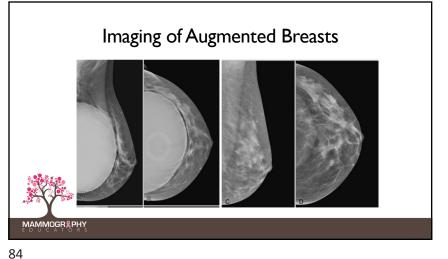


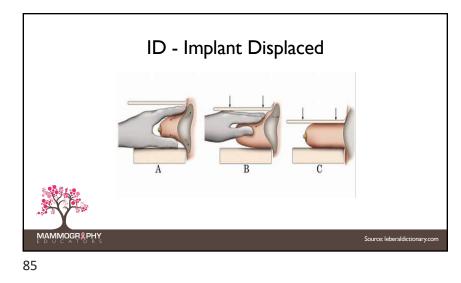
# Imaging of Augmented Breasts: ID Views

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





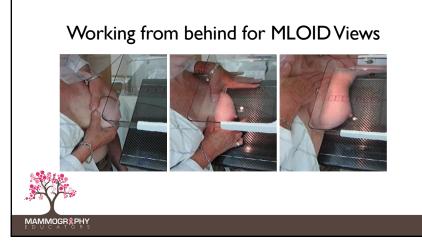




# Working from behind for CCID Views



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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

