

MAMMOGRAPHY

MAMINDGR RP+Y

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Challenging Patients

Patient circumstances
Body habitus issues
Special needs

Challenging Patients

• Patient circumstances

• Body habitus issues

• Special needs

Variable Patient Circumstances

• Mobility
• Limitations
• Breast size

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Variable Patient Circumstances

• Mobility

• Limitations

• Breast size

Mobility

• Walkers

• Wheelchairs

• Scooters

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• Walkers

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• Scooters

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MAMMOGR A PHY

Wheelchair Patients

Remove the arms from the chair
Get her to sit up as straight as possible in the chair
Have her sit as far forward in the chair as possible (use pillows to "bolster" her)

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Patients with Walkers

• Assess stability

• Get her to sit up as straight as possible in the chair

• Have her sit as far forward in the chair as possible (use pillows to "bolster" her)

• Move foot pedals out of the way

Reduce Fall Risk

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Mobility

• When in doubt, the patient should be seated!

• Leave her in her wheelchair

• Be very cautious of stools with wheels

• Consider patient stability

Mobility

• Override automatic compression release

• Let them hang on

• Get assistance

• Accurately assess stability

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Assessing Stability

Ask them if they do things in their "real life" that requires similar ability:

- "Can you get in and out of bed on your own?"
- "Do you get to the bathroom without help?"



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Don't Just Ask: "Can you stand?"

Mammography requires:

- Balance
- StabilityROM



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Variable Patient Circumstances

- Mobility
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- Breast size



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Limitations

- Limited ROM neck, shoulder, arm, etc.
- Full or partial paralysis



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Limited ROM: Full or Partial Paralysis

- · Mostly does not affect CC
- If you can't do a MLO... do a LM or ML
- For visualization of UOQ, do slightly angled AT



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Variable Patient Circumstances

- Mobility
- Limitations
- · Breast size



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Breast Size

- Extremely large
- Extremely small



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Extremely Large Breasts



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Extremely Large Breasts: Challenges

- Volume of breast tissue
- Weight of the breast
- Limited size of IR
- Increased probability of stretching/tearing of the skin (especially in IMF)
- Protruding abdomen



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Extremely Large Breasts: Tips

- Perform a high and low MLO, if needed
- Do an anterior compression view, if needed
- To help increase visibility of the IMF, have the patient lift and flatten her contralateral breast



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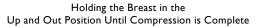
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Extremely Large Breasts: Tips

- Hold the breast up higher than you think you need
- Make sure it is held up and out
- Don't let go until compression is complete

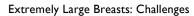


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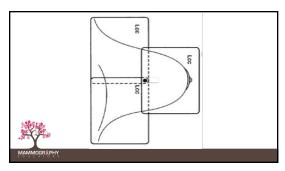


Biggest challenge is that multiple images have to be used and then "piece" them together, making sure that breast tissue was not "missed".

- "Mosaic" or "tile" the breast in segments
- Use "marker" to designate overlap



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Position From Behind the Patient

- Use the implant displacement techniques
- Position from behind the patient*
- · Have the patient seated

 * If positioning from behind the patient, it is imperative that you explain the process to assure her comfort level.



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Challenging Patients

- Patient circumstances
- · Body habitus issues
- Special needs



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Body Habitus Issues

- Pectus carinatum
- Pectus excavatum
- Kyphosis
- Lordosis
- Scoliosis



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Body Habitus Issues

- · Pectus carinatum
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Pectus Carinatum

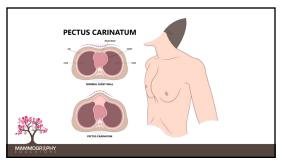
- Also called **pigeon chest** A deformity of the chest characterized by a protrusion of the sternum and ribs
 • More common in males than females (4:1 ratio)

Hint: Carrions (birds that eat meat)

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Body Habitus Issues

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Pectus Excavatum

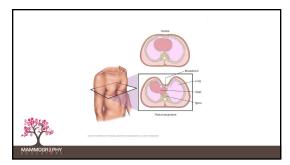
- Also called funnel chest
- A deformity of the chest characterized by an indentation of
- the sternum accompanied by a protrusion of the ribs

 More common in males than females (3:1 ratio)

Hint: Excavate, cave



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Pectus Carinatum / Pectus Excavatum

- Try standard views
- "Chevron" the CCs: XCCL and CV, as needed
- LM as additional view (slightly angle the top of the IR away from breast being imaged, if needed)



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Body Habitus Issues

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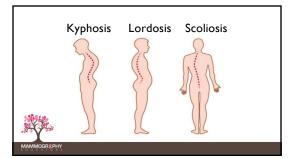
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Conditions of the Spine

- Kyphosis: Curvature of the thoracic spine
- Lordosis: Curvature of the lumbar spine
- Scoliosis: Lateral curvature of the spine



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Body Habitus Issues

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Positioning for Patients with Kyphosis/Lordosis

Attempt the standard views first, then add views as needed:

- "Lordotic" CC
- LM
- \bullet Use tips recommended for pectus issues (angled LM, "chevroned" CCs)



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Body Habitus Issues · Pectus carinatum

- Pectus excavatum
- Kyphosis
- Lordosis
- Scoliosis



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Scoliosis

- · CCs should not be affected
- Two different degrees of angulation for the MLOs may be



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Keep It Simple Sister!

- I attempt the standard views first
- Get "creative" as needed
- I rarely do a FB
- I never do a SIO
- I never do an LMO



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My Favorite Go-To View?!



Challenging Patients

- Patient circumstances
- Body habitus issues
- · Special needs



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Special Needs

- Alzheimer's
- Dementia
- Overly medicatedElderly, infirmConfused

- Developmentally disabled



Special Needs • Seek assistance of caretaker

- Let them stay in the room

- Speak slowly and clearly
 Use terminology they can understand
 Find solutions for recurring problems



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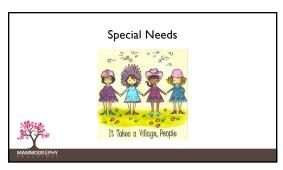
Special Needs

- Dementia Overly medicated
 Elderly, infirm
- Confused

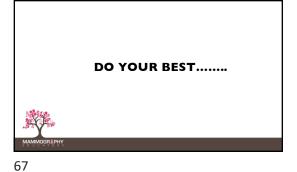
• Alzheimer's

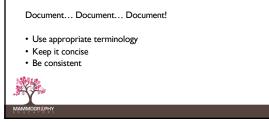
Developmentally disabled

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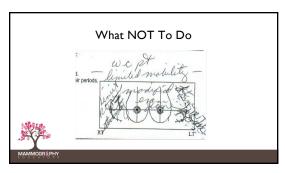
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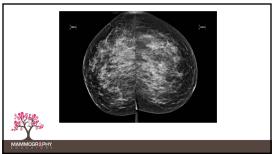
No Matter the Limitations...

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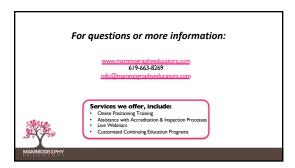


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