Allina Health

# JOINING FORCES: PROVIDING THE BEST IN PATIENT CARE Louise C. Miller, RTRM, CRT, FSBI, FNCBC Director of Educator: Mammography Educators LLC February 29, 2020

# **OBJECTIVES**

- · Identify methods for improving patient care
- Explain the importance of communication
- · Discuss how standardization affects patient care
- List actual changes that one can implement within their departments







It's all about patient care.....

# **CONSISTENCY AND QUALITY**

- · Imaging protocols Screening
- · Imaging protocols Diagnostic
- Imaging Quality
- · Technical Call Backs (TCB)
- Communication
- Teamwork

# Imaging Protocols - Screening

- · 4 views plus?
- · Use of additional views in screening
- · Nipples centered and in profile
- Realistic expectations

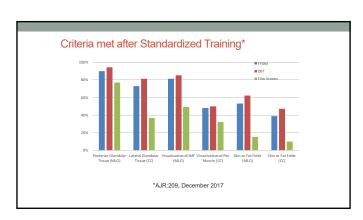
# Standardized Protocols - Screening

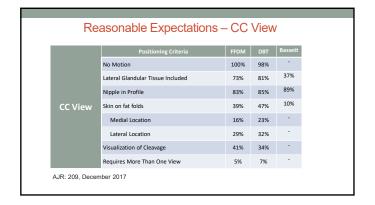
- As deemed by the technologist at the time of the examination, repeat views
  and/or additional views such as the Exaggerated Craniocaudal (XCCL.)
  Cleavage (CV), and anterior compression views may be necessary due to
  technical reasons, positioning issues or artifacts and also may be done to
  accommodate individual patient body habitus and/or other factors or
  conditions. Any additional views should be obtained using standard 2D
  conventional mode.
- XCCLs <u>should not</u> be performed as a standard part of screening mammogram <u>unless</u>
- It is the patient's baseline examination and lateral posterior breast tissue is excluded on the CC view
- On subsequent screening mammograms if posterior grandular breast tissue is visualized back to the retromammary fat space on the MLO an XCCL is not necessary

# **EQUIP**

- · Radiologist evaluation of images
- Feedback and recommendations for improvement
- · Corrective action
- Resources









# Do standardized positioning techniques work?

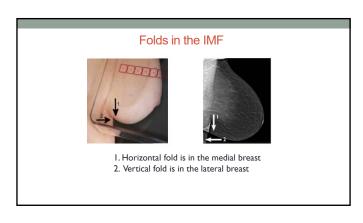
- · Used consistently for 50+ years in Sweden
- Was taught by ACR in the 1990s and featured in the ACR 1994 and 1999 Quality Control Manual
- Results published by Bassett et al in 1993 showed an improvement of 68% in image quality after ACR standardized positioning training
- Most recent study on UPDATED standardized positioning techniques published in AJR, Dec. 2017
- Reduce repeats/rejects and TCBs by up to 50%

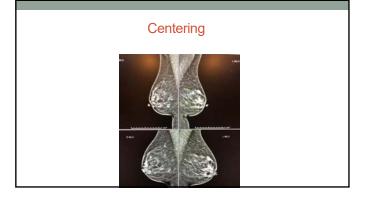
# Technical Call Backs - TCBs

# What is a "repeatable offense"?

- Skin/fat folds
- Centering
- Nipple centered and in profile
- Short CCs
- · No IMF







# Not every mammogram can be ACR perfect!

"What Every Technologist Would Like Their Radiologist to Know" – Part 1-3\*

**About Our Patients** About Our Images The Role of the Technologist

\*Published in the SBI Newsletters 2015 www.SBI-online.org





# Imaging Protocols - Diagnostic

- Develop standardized protocols for diagnostic workups
- Notation on images
- · Disagreement with other radiologists

# Standardized Protocols - Diagnostic

### FOLLOW-UP AFTER:

- Abnormal screening mammogram (call back)
  Short term/first year post lumpectomy request to assess residual calcifications
- A. Calcifications (without masses or asymmetry)
   1. 2D LM/ML of affected side
   2. Spot Magnification of area of concern CC and LM/ML projections
- B. Masses (with calcifications)
  - 1. saa 2. Ultrasound
- C. Masses (without calcifications)
   1. Tomosynthesis CC and MLO, or Tomosynthesis XCCL if only seen on MLO
   2. 2D Spot compression on all views visualized CC and M
   3. 2D LMM
   4. Ultrasound

# Communication

- · Tech to radiologists
- Radiologist to tech
- · History sheets
- Appropriate descriptions

# Communication

- · Patient to technologists/radiologist
- · Technologist/radiologist to patient
- Develop scripts to help address difficult situations
- · Maintain sincerity
- Be present

# Tips for scripts

- Acknowledge concerns/feelings
- · Use terminology patients will understand
- Speak in generalizations
- Exclude personal biases
- · LISTEN

# Example of script addressing screening guidelines:

Patient: "My doctor told me that I only need mammograms every two years and I get confused because I get so many conflicting stories"

Technolgist: "I am so glad that you asked about this as many patients are confused. I can assure you that having a mammogram is the very best way to find breast cancer at it's earliest stages. It is also recommended by the American College of Radiologists who are doctors who are the experts in this area."

# **ANXIETY CLOUDS INTAKE**

# **Teamwork**

- · Celebrate success
- · Positive feedback

# **EFFECTIVE COLLABORATION**

Requires mutual respect and appreciation for each other's role in this life saving process



# TO CONTACT ME

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