Summary

- Workflow views
  - Getting Started
  - QC per case
  - Diagnostic review Recall No
    - Score case
  - Diagnostic review Recall Yes
    - Circle lesions
    - Identify most suspicious abnormality
    - Score case

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| Reader ID | Modality | | Get Started |

eCRF at "Getting Started"
Reader enters ID and Modality

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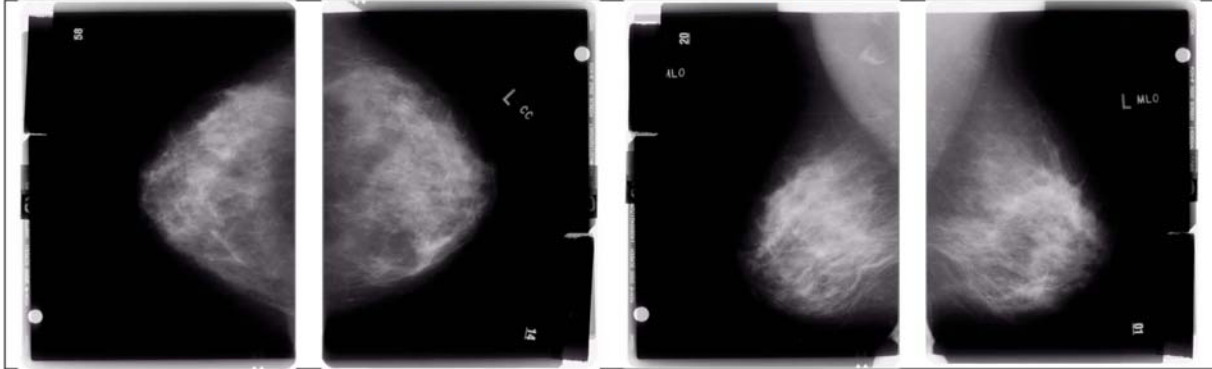| Reader ID | Modality | Case ID | View Box # | QC Check |

RCC   LCC   RMLO   LMLO

☐ Missing Images

Reader Signature
9/17/2012 10:12:40 AM

NEXT CASE

eCRF at "Quality Control for Each Case":
Reader inspects images on screen or film on viewbox and
compares them to the images on the eCRF, verifying all expected
images are present.

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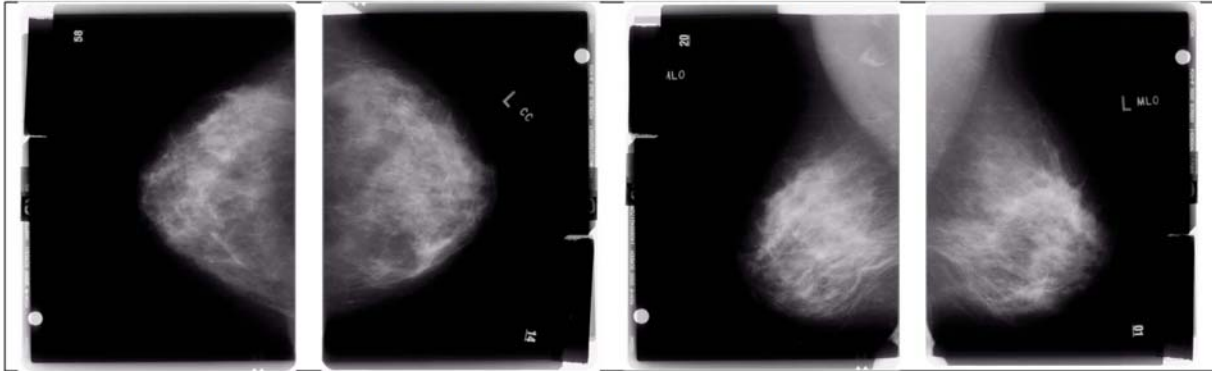
| Reader ID | Modality | Case ID | View Box # |

RCC LCC RMLO LMLO

Would you recall patient?
○ Yes
○ No

☐ Missing Images

Reader Signature
9/17/2012 10:12:40 AM

NEXT CASE

eCRF at "Diagnostic Review":
Reader provides binary decision: recall or do not recall.

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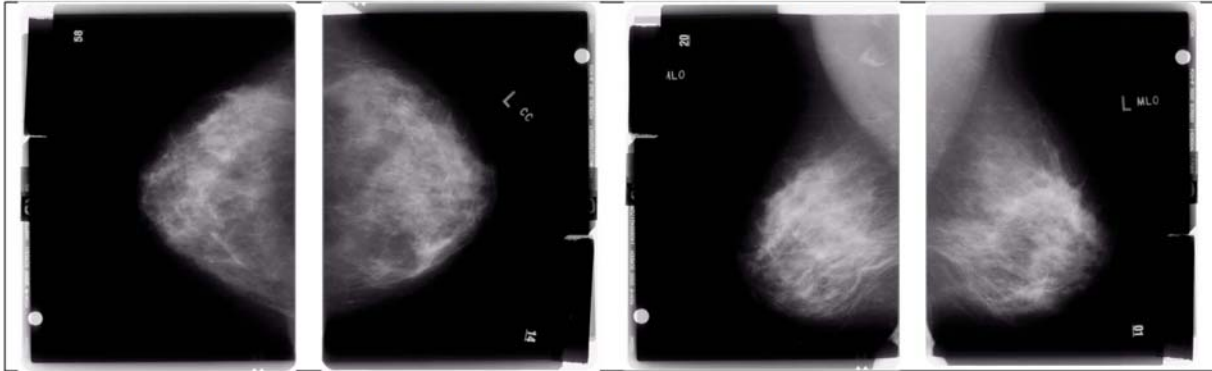| Reader ID | Modality | Case ID | View Box # | Get Started & QC Check |

RCC   LCC   RMLO   LMLO

Would you recall patient?

○ Yes
● No

Being more quantitative in reporting your *Numeric Rating*:

- Are there no dense areas and no abnormal findings? If so, perhaps your *Numeric Rating* should be 1-25?
- Are there dense areas or benign findings, but not enough to prompt a decision to recall? If so, perhaps your *Numeric Rating* should be 75-100.
- Are the visual cues somewhere in the middle?

Most Normal   Least Normal   Numeric Score

1   100

Reader Signature

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☐ Missing Images

NEXT CASE

eCRF when case is "NO" to recall:
Reader provides extra information about their binary decision.
Reader provides an ROC score.

Link between scales

- A mark on visual scale (the ruler)

Equals

- The numeric score

- The user can use either mode to enter or update their score
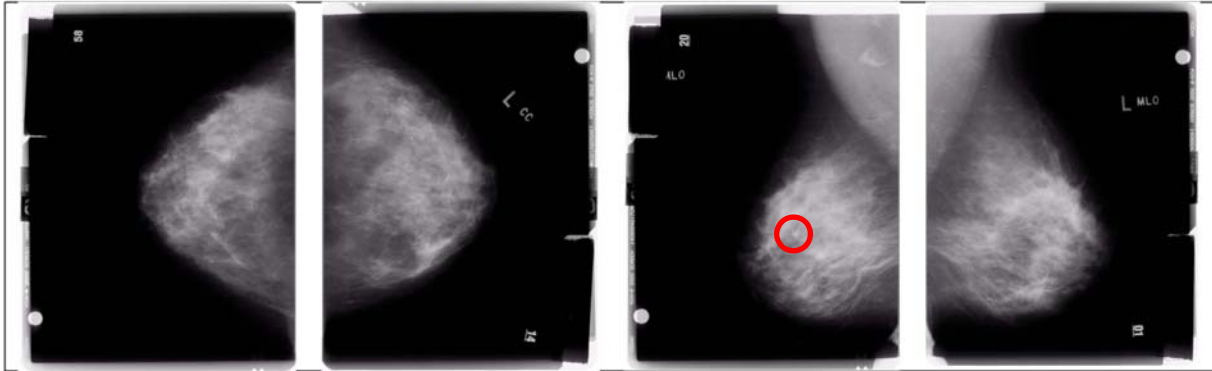- Both representations of the score will update with either mode.

eCRF when case is "YES" to recall:
Reader provides extra information about their binary decision.
Reader circles lesions.

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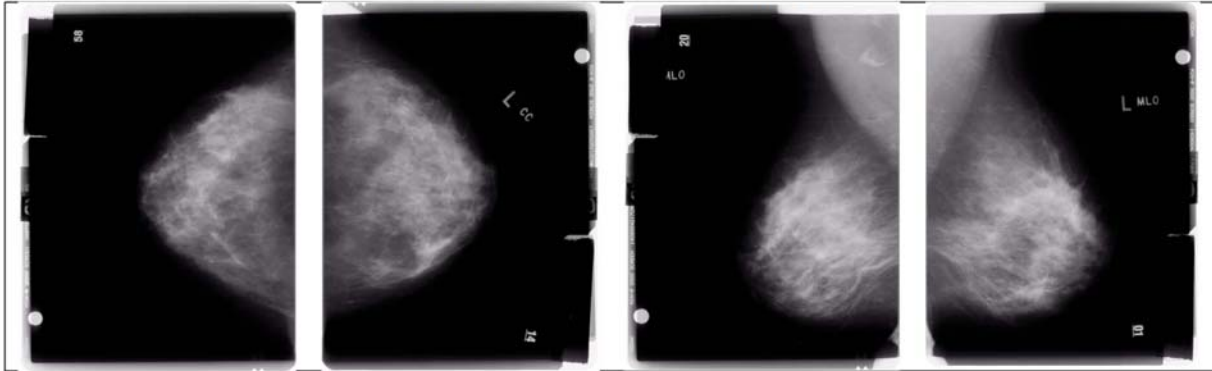| Reader ID | Modality | Case ID | View Box # |

RCC   LCC   RMLO   LMLO

Would you recall patient?
○ Yes
○ No

Most suspicious abnormality:
0 Mass   0 Microcalcification
0 Asymmetry   0 Architectural Distortion

Continue

Reader Signature
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☐ Missing Images

NEXT CASE

eCRF when case is "YES" to recall:
Reader provides extra information about their binary decision.
Reader identifies most suspicious abnormality.

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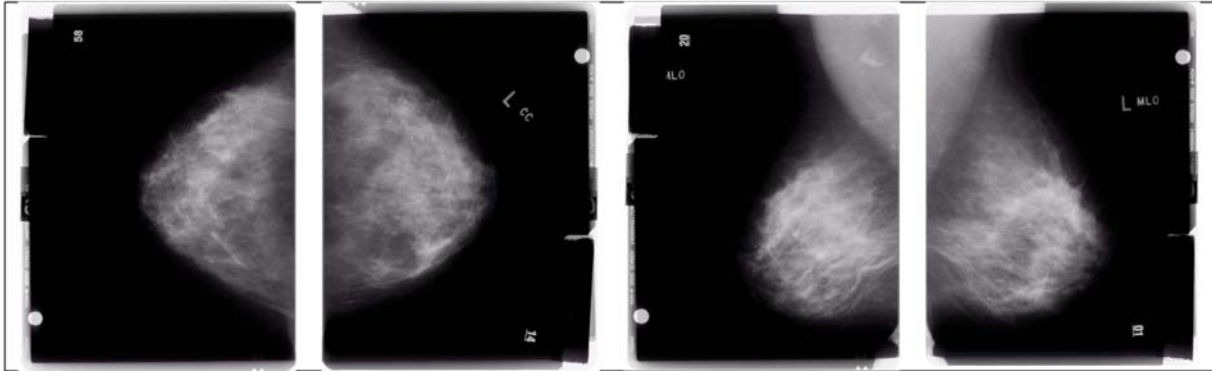| Reader ID | Modality | Case ID | View Box # |

RCC   LCC   RMLO   LMLO

Would you recall patient?
- ● Yes
- ○ No

Most suspicious abnormality:
0 Mass   0 Microcalcification
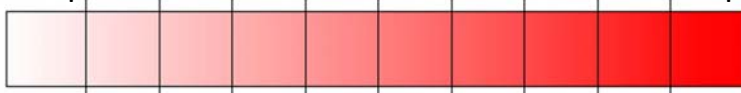0 Asymmetry   0 Architectural Distortion

Being more quantitative in reporting your *Numeric Rating*:
- Are there only a <u>few inconclusive</u> visual cues prompting your decision to recall? If so, perhaps your *Numeric Rating* should be 101-125?
- Are there <u>many definitive</u> visual cues prompting your decision to recall? If so, perhaps your *Numeric Rating* should be 175-200.
- Are the visual cues somewhere in the middle?

Least Suspicious   Most Suspicious   Numeric Score

101   200

Reader Signature

☐ Missing Images

9/17/2012 10:12:40 AM

NEXT CASE

eCRF when case is "YES" to recall:
Reader provides extra information about their binary decision.
Reader provides an ROC score.