

Arkansas Department of Health and Human Services
Mammography Program

Mammography Evaluation Form - Physician's Review Form

Reviewing Physician:	
Facility Under Review:	
Type of Review:	
Film Identification:	
Date of Images	
Mammo. Unit Identification	

Film Technique Factors

VIEW	kVp	mAs	Compression (mm)
RCC			
LCC			
RMLO			
LMLO			

Note: This form is not to be filled out during application, but is meant to be an example of what will be evaluated during your review.

Film type as stated by the facility under review: (Fatty, Dense, or Choice)

Actual Breast Type as determined by the Clinical Image Reviewer

<input style="width: 50px;" type="text"/> 1- Fatty	<input style="width: 50px;" type="text"/> 3-Moderately Dense
<input style="width: 50px;" type="text"/> 2-Average	<input style="width: 50px;" type="text"/> 4-Dense

Fatty Enough for Evaluation? _____ YES _____ NO

Dense Enough for Evaluation? _____ YES _____ NO

If "NO" Films will not be evaluated - No further review is required

I. POSITIONING

MLO Views

Please circle the view(s) that had the deficiency.

* Pectoral Muscle not well-visualized or does not extend to or below the nipple line.

RMLO	LMLO	Both
------	------	------

Inframammary fold not open.

RMLO	LMLO	Both
------	------	------

* Low axilla not included.

RMLO	LMLO	Both
------	------	------

* Retroglandular fat not visible behind glandular tissue.

RMLO	LMLO	Both
------	------	------

Other.

RMLO	LMLO	Both
------	------	------

I. POSITIONING (Continued)

Comments on the Positioning of the MLO Views

CC Views

Please circle the view(s) that had the deficiency.

Posterior Nipple line should not be less than 1.0 cm from MLO.

RCC	LCC	Both
-----	-----	------

* All breast tissue not visualized (excluding the axillary tail).

RCC	LCC	Both
-----	-----	------

Nipple was not centered.

RCC	LCC	Both
-----	-----	------

Other.

RCC	LCC	Both
-----	-----	------

Comments on the Positioning of CC Views

General Positioning

Nipple not in profile on at least one view.

Skin folds.

Other body parts projected over the breast image.

Other.

I. POSITIONING (Continued)

Comments on General Positioning

Positive Aspects of Positioning (Bonus)

Pectoral Muscle Visualized on the CC views.

Excellent Patient Positioning by the Technologist.

Most likely causes of the positioning deficiencies.

Inappropriate mammographic projections.

Technologist's positioning technique.

Unsuitable Mammographic Equipment.

Wrong size recording system.

Other.

II. Compression

Please circle the view(s) with deficiency

* Poor separation of parenchymal densities.

RMLO	LMLO	LCC	RCC
------	------	-----	-----

* Patient motion.

RMLO	LMLO	LCC	RCC
------	------	-----	-----

Non-uniform exposure levels or detail.

RMLO	LMLO	LCC	RCC
------	------	-----	-----

Other.

RMLO	LMLO	LCC	RCC
------	------	-----	-----

II. Compression (Continued)

Most likely cause of compression deficiencies:

Undercompression by the technologist.

Unsuitable compression device.

Other.

Comments on Compression

III. Exposure

Overexposed (dark/over penetrated).

* Underexposed (light)/underpenetrated).

Other.

Most likely cause of exposure deficiencies

Improper manual timing.

Improper technique factors.

Inadequate film processing (over-or-underdeveloped).

Other.

Comments on Exposure

IV. Spatial Resolution/Sharpness

Please circle the view(s) with deficiency

* Poor delineation of linear structures.

RMLO	LMLO	LCC	RCC
------	------	-----	-----

* Poor delineation of tissue margins.

RMLO	LMLO	LCC	RCC
------	------	-----	-----

* Poor delineation of microcalcifications.

RMLO	LMLO	LCC	RCC
------	------	-----	-----

Other.

RMLO	LMLO	LCC	RCC
------	------	-----	-----

Most likely cause of exposure deficiencies

Undercompression.

Screen/film-screen contact.

Motion Blur.

Other.

Comments on Spatial Resolution/Sharpness

V. Contrast

* Inadequate contrast ("gray", "flat", "low contrast").

Other.

Most likely cause of contrast deficiencies

Improper tube kVp.

Film printing or film development.

Excessive Scatter.

V. Contrast (Continued)

Comments on Contrast

VI. Noise

- * Visually striking mottle pattern. (n/a for digital films)
- * Noise-limited microcalcification detection.
- * Noise-limited tissue characterization.
- * Other.

Comments on Noise

VII. Artifacts

Please circle the view(s) with deficiency

* Roller Marks.(n/a for digital films)

RMLO	LMLO	LCC	RCC
------	------	-----	-----

Punctate artifacts/pick-off.(n/a for digital films)

RMLO	LMLO	LCC	RCC
------	------	-----	-----

Scratches.

RMLO	LMLO	LCC	RCC
------	------	-----	-----

Lint.

RMLO	LMLO	LCC	RCC
------	------	-----	-----

VII. Artifacts(Continued)

Please circle the view(s) with deficiency

<input style="width: 50px; height: 15px;" type="text"/> Chemical Stains. (n/a for digital films)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">RMLO</td> <td style="width: 25%;">LMLO</td> <td style="width: 25%;">LCC</td> <td style="width: 25%;">RCC</td> </tr> </table>	RMLO	LMLO	LCC	RCC
RMLO	LMLO	LCC	RCC		
<input style="width: 50px; height: 15px;" type="text"/> Grid-related artifacts.	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">RMLO</td> <td style="width: 25%;">LMLO</td> <td style="width: 25%;">LCC</td> <td style="width: 25%;">RCC</td> </tr> </table>	RMLO	LMLO	LCC	RCC
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<input style="width: 50px; height: 15px;" type="text"/> Patient-related artifacts.	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">RMLO</td> <td style="width: 25%;">LMLO</td> <td style="width: 25%;">LCC</td> <td style="width: 25%;">RCC</td> </tr> </table>	RMLO	LMLO	LCC	RCC
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* <input style="width: 50px; height: 15px;" type="text"/> Film-handling artifacts/fingerprints. (only applicable for wet processing)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">RMLO</td> <td style="width: 25%;">LMLO</td> <td style="width: 25%;">LCC</td> <td style="width: 25%;">RCC</td> </tr> </table>	RMLO	LMLO	LCC	RCC
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* <input style="width: 50px; height: 15px;" type="text"/> Fog.	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">RMLO</td> <td style="width: 25%;">LMLO</td> <td style="width: 25%;">LCC</td> <td style="width: 25%;">RCC</td> </tr> </table>	RMLO	LMLO	LCC	RCC
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* <input style="width: 50px; height: 15px;" type="text"/> Film exposed light.	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">RMLO</td> <td style="width: 25%;">LMLO</td> <td style="width: 25%;">LCC</td> <td style="width: 25%;">RCC</td> </tr> </table>	RMLO	LMLO	LCC	RCC
RMLO	LMLO	LCC	RCC		
<input style="width: 50px; height: 15px;" type="text"/> Linear artifacts.	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">RMLO</td> <td style="width: 25%;">LMLO</td> <td style="width: 25%;">LCC</td> <td style="width: 25%;">RCC</td> </tr> </table>	RMLO	LMLO	LCC	RCC
RMLO	LMLO	LCC	RCC		
* <input style="width: 50px; height: 15px;" type="text"/> Film bend/tear.	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">RMLO</td> <td style="width: 25%;">LMLO</td> <td style="width: 25%;">LCC</td> <td style="width: 25%;">RCC</td> </tr> </table>	RMLO	LMLO	LCC	RCC
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* <input style="width: 50px; height: 15px;" type="text"/> Discolored.	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">RMLO</td> <td style="width: 25%;">LMLO</td> <td style="width: 25%;">LCC</td> <td style="width: 25%;">RCC</td> </tr> </table>	RMLO	LMLO	LCC	RCC
RMLO	LMLO	LCC	RCC		
<input style="width: 50px; height: 15px;" type="text"/> Other.	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">RMLO</td> <td style="width: 25%;">LMLO</td> <td style="width: 25%;">LCC</td> <td style="width: 25%;">RCC</td> </tr> </table>	RMLO	LMLO	LCC	RCC
RMLO	LMLO	LCC	RCC		

Most likely cause of artifact deficiencies

<input style="width: 50px; height: 15px;" type="text"/> Poor screen maintenance.
<input style="width: 50px; height: 15px;" type="text"/> Processing related (Development, Fixation, or mechanical damage on wet processed film)
<input style="width: 50px; height: 15px;" type="text"/> Unsuitable grid or bucky.
<input style="width: 50px; height: 15px;" type="text"/> Poor film storage or outdated film.
<input style="width: 50px; height: 15px;" type="text"/> Lack of patient preparation.
<input style="width: 50px; height: 15px;" type="text"/> Damaged cassette.
<input style="width: 50px; height: 15px;" type="text"/> Other.

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Overall Film Quality

Pass	<input type="checkbox"/>
A deficiency in any single aspect denoted by an asterisk (*) will be sufficient cause for failing the patient image quality review. Three or more deficiencies in any other aspect are also cause for failure.	

Fail	<input type="checkbox"/>
<i>If the images fail, please choose one of the following:</i>	
Images fail, but are of diagnostic quality	<input type="checkbox"/>
Images fail to the extent that there is potential to adversely affect diagnostic capacity of images produced at this facility.	<input type="checkbox"/>

Suspicion of pathology: Please review the film quality as usual

Additional comments regarding the clinical image review/suspected pathology:

Reviewing Physician's Signature: _____

Name Printed or typed: _____

Date of film review: _____