

Universal Consultants, Inc.

New Mammography Film/Cassette Implementation Procedure

1. Ensure the proper function of the processor using the old film (from current QC box).
2. If the processor is in limits of previous QC values, immediately begin 5-day average (establishing processor QC values, ACR manual) with new film. Continue to monitor processor with old films from QC box.
3. Thoroughly clean all new cassettes in accordance with ACR procedures.
4. Perform a phantom image quality test on one of the new cassettes utilizing the new film. This can be performed on the same day that steps 1 and 2 are being accomplished.
5. If the phantom values obtained do not meet the acceptable phantom image quality control limits for your institution, service personnel will need to calibrate the mammographic unit in order to obtain an acceptable background optical density.
6. When the phantom values are within acceptable limits, then perform the same test on all new cassettes. For your convenience, a form is attached to be completed when performing this test. You only need to record the mAs and background optical density.
7. Perform the screen/film contact test for all new cassettes and document in your QC manual.
8. *Patient imaging can be initiated at this point.*
9. Mail to our office the completed form and ONE of the phantom images.
10. We will issue a report to you indicating image quality, screen uniformity, and patient dose.

If there are any questions, contact our office at 440-327-9432.

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