

# Image Evaluation Objectives

To correlate the student's technical skills with their realization of what those skills should produce, as well as provide a review of basic technical knowledge, the students will be able to perform a critique of radiographs for technical quality.

The student must be able to assess for each film/procedures whether:

1. Correct patient view and full area of interest are demonstrated.
2. An unnecessarily large area is visible (inappropriate collimation)
3. Appropriate shielding of the patient is evident.
4. Artifacts, blurring, or distortion of the image is present.
5. Adequate detail and definition are present in the image.
6. Adequate density and contrast are present to provide the diagnostic imaging required for the examination.
7. The anatomy and condition of interest are demonstrated satisfactorily for diagnostic purposes, based on review of the requisition and films.
8. Problems were caused by the technologist's performance (improper positioning, centering, immobilization of patient, inappropriate exposure factors, failure to adjust to special circumstances, improper part film alignment or distance, focal film distance or malfunctioning x-ray machine, or image processors are possible).
9. Anatomical structures needed are shown in the image and their relationships are demonstrated appropriately.
10. There is a need for repeats or additional images.