**SCREEN-FILM CONTACT TEST**

**Group Laboratory Experiment #10-C**

**Procedures:**

Locate an *old* 14 x 17 inch cassette that has been damaged and a good cassette. Load the cassettes with film. Use lead markers to indicate the cassettes #1 and #2. Place each cassette on the tabletop with a laminated wire mesh laid directly on top so it completely covers the cassette, and the lead marker on it. Expose using 50 kVp and 10 mAs. Repeat for the other cassette, and process the films.

**Analysis:**

1. Hang the films, back up five or six feet from the viewbox, and observe for areas of increased apparent density. Describe the location of any areas of poor film/screen contact you detect:

#1 (A: good cassette):

#2 (B: Bad cassette):

2. Move up close to the viewbox and observe the ar4eas you identified for poor contact. Can you see a difference in sharpness between the wire images in this area and those in “good” areas? Is it easier to recognize these areas standing up close or at a distance?

3. What do you think would be the most probable cause of the areas of poor contact?