

Radiography Exam Practice Test Questions and Answers

1. The JRCERT is responsible for:

- A) Certifying individual radiographers
- B) Accrediting radiologic technology educational programs
- C) Setting state licensing requirements
- D) Regulating radiation exposure limits in healthcare

2. A grid's Bucky factor represents:

- A) The increase in exposure needed when using a grid compared to non-grid technique
- B) The ratio of primary to scatter radiation transmitted through the grid
- C) The number of lead lines per centimeter in the grid
- D) The percentage of scatter radiation removed by the grid

3. The heel effect in radiography refers to:

- A) Reduced x-ray intensity on the anode side of the beam compared to the cathode side
- B) Increased x-ray intensity at the center of the beam
- C) Loss of image sharpness at the edges of the field
- D) Differential absorption of the beam by varying tissue thicknesses

4. The term 'contrast extravasation' refers to:

- A) Leakage of IV contrast from the vein into surrounding soft tissue
- B) Allergic reaction to contrast media
- C) Contrast entering the urinary collecting system
- D) Contrast passing through the blood-brain barrier

Answers: 1-B 2-A 3-A 4-A

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