

Veterinary Imaging Resource Academy (V.I.R.A)

This radiation safety quiz is to be used with the radiation safety presentation found at www.Vet-Image.com/

Radiation Safety Quiz

1. What are the three principles of radiation safety?

- A. Time, Distance, and Shielding
- B. kVp, mAs, and Time
- C. Dosimetry, Shielding, and Restraints

2. What does the acronym A.L.A.R.A. stand for?

- A. A Lead Apron Restricts Accidents
- B. Acceptable Location And Radiographic Accuracy
- C. As Low As Reasonably Achievable

3. What does the kVp setting control?

- A. Penetrating Power
- B. Amount of Radiation
- C. Exposure Time

4. What does the mAs setting control?

- A. Penetrating Power
- B. Amount of Radiation
- C. Exposure Time

5. Which form of shielding is to be worn by personnel in the x-ray room?

- A. Lead Apron
- B. Thyroid Shield
- C. Lead Gloves (when holding)
- D. All of the above

6. Where is the dosimeter badge to be worn?

- A. Under the apron at the neck
- B. Outside of the apron at the neck
- C. Outside of the apron at the waist

7. Which is an acceptable form of patient restraint?

- A. Held by staff wearing lead gloves
- B. Sandbags
- C. Table mounted tie downs
- D. All of the above

8. What classification does X-radiation fall under?

- A. Ionizing
- B. Non-Ionizing
- C. Ionic

9. Who is responsible for radiation safety?

- A. Doctor
- B. Technician
- C. Everyone

10. What is necessary when performing a lateral radiograph of the thorax?

- A. Use calipers to measure the patient
- B. Perform exposure on inspiration
- C. Mark the side that is down
- D. All of the above

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Radiation Safety Quiz Answer Key

Answers: 1A, 2C, 3A, 4B, 5D, 6B, 7D, 8A, 9C, 10D