

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

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

MRI Safety Quiz

1. What does M.R.I. stand for?

- A. Magnetic Rotational Intensity
- B. Medical Resolution Imaging
- C. Magnetic Resonance Imaging

2. Which of these statements is true?

- A. The magnet is only on when it is making noise
- B. The magnet is always on
- C. The magnet turns on and off constantly

3. Magnetic field strength is measured in which unit?

- A. Tesla
- B. REM
- C. Magnetrons

4. True or false: The MRI scanner produces ionizing radiation.

- A. True
- B. False

5. Which of these is a ferrous metal that should not enter into the MRI room?

- A. Aluminum
- B. Plastic
- C. Steel

6. The translational force that accelerates objects towards the magnet is also known as ...

- A. The gaussian effect
- B. The rotational effect
- C. The missile effect

7. Which of the following is an effect of the gradient magnetic field?

- A. Heating
- B. Peripheral Nerve Stimulation (PNS)
- C. Acoustic Noise
- D. All of the above

8. The MRI scanner is filled with which cryogen?

- A. Liquid Hydrogen
- B. Liquid Nitrogen
- C. Liquid Helium

9. What is the name for a sudden release of the cryogen from the MRI system?

- A. Quench
- B. Gauss
- C. Kelvin

10. In the event of a "Code" what should be your first step?

- A. Tell everyone to come into the scanner room to help.
- B. Immediately remove the patient from the MRI room.
- C. Grab all of the equipment you can find and bring it into the MRI room.

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MRI Safety Quiz Answer Key

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