

SPI Practice Test Questions and Answers

1. What does SPI stand for in medical imaging?

- A) Sonography Principles and Instrumentation
- B) Specialized Physician Imaging
- C) Systematic Patient Inspection
- D) Surgical Procedure Imaging

2. Which frequency range is typically used for abdominal ultrasound examinations?

- A) 1-5 MHz
- B) 2-5 MHz
- C) 5-10 MHz
- D) 10-15 MHz

3. What is the primary safety consideration when performing ultrasound examinations?

- A) Patient positioning only
- B) ALARA principle (As Low As Reasonably Achievable) for acoustic exposure
- C) Room temperature control
- D) Equipment calibration frequency

4. Which artifact appears as equally spaced parallel lines behind a strong reflector?

- A) Acoustic shadowing
- B) Reverberation artifact
- C) Side lobe artifact
- D) Speed displacement artifact

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

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