

NMTCB Practice Test Questions and Answers

1. What does NMTCB stand for in nuclear medicine technology?

- A) Nuclear Medicine Technology Certification Board
- B) National Medical Technology Certification Board
- C) Nuclear Medicine Training Certification Board
- D) National Medical Technologist Certification Board

2. What is the primary radiation safety principle in nuclear medicine?

- A) Use maximum radiation doses for better images
- B) ALARA (As Low As Reasonably Achievable) principle
- C) Ignore radiation exposure limits
- D) Use radiation without protective equipment

3. Which radiopharmaceutical is commonly used for bone scans?

- A) Technetium-99m DTPA
- B) Technetium-99m MDP (Methylene Diphosphonate)
- C) Iodine-131
- D) Fluorine-18 FDG

4. What is the proper procedure for handling radioactive materials?

- A) Handle with bare hands for better dexterity
- B) Use appropriate shielding, protective equipment, and minimize exposure time
- C) Store in unshielded containers
- D) Work without monitoring radiation levels

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

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