

# BCPS Practice Test Questions and Answers

**1. Which medication requires therapeutic drug monitoring due to its narrow therapeutic index and risk of nephrotoxicity?**

- A) Metformin
- B) Vancomycin
- C) Lisinopril
- D) Metoprolol

**2. What is the most appropriate first-line antihypertensive medication for a diabetic patient with microalbuminuria?**

- A) Hydrochlorothiazide
- B) Amlodipine
- C) ACE inhibitor
- D) Beta-blocker

**3. Which anticoagulant is preferred for patients with atrial fibrillation who have severe renal impairment (CrCl < 30 mL/min)?**

- A) Apixaban
- B) Rivaroxaban
- C) Dabigatran
- D) Warfarin

**4. What is the mechanism of action of insulin glargine?**

- A) Rapid-acting with 15-minute onset
- B) Intermediate-acting with 2-4 hour onset
- C) Long-acting basal insulin with 24-hour duration
- D) Ultra-short acting with 5-minute onset

Answers: 1-B 2-C 3-D 4-C

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