

# Practice Quiz #1

## Pharmacology & Cardiovascular

1. A nurse is reviewing a medication list for a patient taking furosemide. Which finding is of most concern?
  - A. Multivitamin use
  - B. A potassium level of 3.0 mEq/L
  - C. A blood pressure of 122/78 mmHg
  - D. A diet high in bananas
2. A patient taking digoxin is prescribed hydrochlorothiazide. What is the priority nursing action?
  - A. Encourage a low-sodium diet
  - B. Monitor for tinnitus
  - C. Assess potassium level
  - D. Teach the patient to avoid dairy products
3. Which symptom indicates possible ototoxicity from loop diuretics?
  - A. Nausea
  - B. Muscle cramps
  - C. Ringing in the ears
  - D. Constipation
4. Which foods should the nurse recommend to increase potassium? (Select all that apply)
  - A. Potatoes
  - B. Apples
  - C. Bananas
  - D. Spinach
  - E. White bread
5. A nurse administers IV furosemide. What is a critical safety consideration?
  - A. Administer over 1–2 seconds
  - B. Mix with dextrose 5% in water
  - C. Monitor for sudden hearing loss
  - D. Expect increased urinary retention

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## **ACE Inhibitors & ARBs**

6. What is the black box warning for ACE inhibitors in pregnant clients?
- A. Hypoglycemia
  - B. **Teratogenic effects**
  - C. Increased urine output
  - D. Risk for seizures
7. A patient prescribed lisinopril develops a persistent cough. What is the best action?
- A. Instruct patient to take it with food
  - B. Encourage use of a cough suppressant
  - C. **Notify the provider about switching to an ARB**
  - D. Reassure this is a normal and expected effect
8. Which patient should avoid taking an ACE inhibitor?
- A. A patient with heart failure
  - B. **A patient with bilateral renal artery stenosis**
  - C. A patient with hypertension
  - D. A diabetic with microalbuminuria
9. A nurse is teaching a patient about ARBs. Which statement indicates understanding?
- A. "They work by increasing bradykinin levels."
  - B. **"They can help improve my heart's pumping ability."**
  - C. "They cause a persistent cough."
  - D. "They block calcium channels in my heart."

## Heart Failure & Antidysrhythmics

10. What is a key therapeutic effect of beta blockers in heart failure?
- A. Increase preload
  - B. Reduce myocardial contractility
  - C. Improve ejection fraction
  - D. Increase oxygen demand
11. A nurse is teaching a patient about digoxin. Which statement requires correction?
- A. "It can slow my heart rate."
  - B. "I should take it with a high-fiber meal."
  - C. "It can cause visual changes."
  - D. "I need to monitor my pulse before each dose."
12. Which of the following are early signs of digoxin toxicity? (Select all that apply)
- A. Blurred vision
  - B. Anorexia
  - C. Bradycardia
  - D. Headache
  - E. Diarrhea
13. What lab value increases the risk for digoxin toxicity?
- A. Sodium 138 mEq/L
  - B. Potassium 2.8 mEq/L
  - C. Calcium 9.0 mg/dL
  - D. Chloride 100 mEq/L
14. A patient is taking amiodarone. Which adverse effect is most concerning?
- A. Dry mouth
  - B. Bradycardia
  - C. Productive cough with dyspnea
  - D. Tinnitus
15. Which cardiac rhythm is amiodarone approved to treat?
- A. Sinus bradycardia
  - B. Atrial flutter