

**ANSWERS: Practice Quiz 4 - Part A**

**Digoxin**

DEH 2300 - May, 2014

1. Are there dental implications for Lanoxin® (digoxin)? If so, what?

**ANSWER: Sensitive gag reflex may make it difficult to make dental impressions. (See page 424 of Drug Information Handbook for Dentistry by Wynn.)**

2. Which of the following lab values would indicate a risk for a patient to develop toxicity from digoxin?
- a. Sodium = 150 mEq/L
  - b. Sodium = 135 mEq/L
  - c. **Potassium = 2.7 mEq/L**      **ANSWER**
  - d. Potassium = 6.4 mEq/L

3. What is the action of Lanoxin® (digoxin)? Primary indications?

**ANSWER: It acts directly on the myocardium to increase the force of myocardial contractions. (It slows and strengthens the heart rate.)**

**The primary indications are the treatment of CHF (congestive heart failure) and chronic atrial fibrillation.**

4. List contraindications for Lanoxin® (digoxin).

**ANSWER: See the following website:**

**<http://www.rxlist.com/lanoxin-tablets-drug/overdosage-contraindications.htm>**

5. Which of the following clinical findings would indicate *early* digoxin toxicity?
- a. PVC's in bigeminy
  - b. Atrial tachycardia
  - c. **Anorexia, nausea**      **ANSWER**
  - d. Mental confusion

6. Digoxin is classified as a(an) \_\_\_\_\_ **cardiac glycoside** \_\_\_\_\_ .

7. Two common predisposing factors to digoxin toxicity are:

- a. **hypokalemia**
- b. **renal impairment**

8. Describe patient teaching and monitoring which should be done with patients taking Lanoxin® (digoxin).

**ANSWER: See text by Woodrow and Student Version of "Digoxin" PowerPoint.**