

ANSWERS: Practice Quiz 6 Part A

Respiratory Meds

DEH 2300 - June, 2014

1. Which medication is appropriately used for prevention of exercise-induced asthma?
 - a. Theodur[®] (theophylline)
 - b. Intal[®] (cromolyn sodium) ANSWER**
 - c. Accolate[®] (zafirlukast)
 - d. Proventil[®] (albuterol)

2. Severe theophylline toxicity is most likely to result in which of the following adverse reactions?
 - a. seizures ANSWER**
 - b. hypoglycemia
 - c. bradycardia
 - d. intestinal obstruction

3. Which medication is most effective in treating Tylenol (acetaminophen) overdose?
 - a. Epi-Pen[®] (epinephrine)
 - b. Mucomyst[®] (acetylcysteine) ANSWER**
 - c. intravenous theophylline
 - d. Robitussin-DM[®] (guaifenesin/dextromethorphan hydrobromide)

4. A patient receiving Proventil[®] (albuterol) inhalation therapy should be assessed carefully for which adverse reaction(s)?
 - a. constipation
 - b. tremors ANSWER**
 - c. hypoglycemia; yellow-vision
 - d. pruritus; ototoxicity

5. Glucocorticoid inhalants are most likely to cause which problem?
 - a. urolithiasis
 - b. hypoglycemia
 - c. adrenal suppression
 - d. oropharyngeal fungal infections ANSWER**

6. A patient is started on Vanceryl[®] (beclomethasone) inhalation therapy. Which statement by the patient would indicate that patient instruction has been effective?
 - a. "Limiting my intake of caffeine is very important."
 - b. "I realize that I may gain weight as a result of this drug."
 - c. "I'll take this with meals to avoid nausea."
 - d. "I'll rinse my mouth after each use of my inhaler." ANSWER**

7. Which statement made by a patient about taking corticosteroids would indicate a need for additional teaching?
 - a. "This medication should always be taken with food or milk."
 - b. "I should always take this medication at the same time each day."
 - c. "I could have some swelling from this medication."
 - d. "I should stop taking this medication as soon as I'm better." ANSWER**

8. Which medication (and route) would likely be most effective for a patient experiencing acute bronchospasms?
 - a. Proventil[®] (albuterol) inhalation ANSWER**
 - b. Robitussin[®] (guaifenesin), PO
 - c. Intal[®] (cromolyn sodium) inhalation
 - d. Theophylline elixir, PO

9. What are the most common side effects of corticosteroid inhalants? How could these be prevented? What instructions should be given to a patient using this type inhaler? **ANSWER: See text and handbook.**

Note: Be sure to read about simple methods of preventing oral thrush.

10. Which situation/condition might necessitate a patient's dosage of theophylline be decreased?
- Has arthritis and takes NSAIDS
 - Exercises strenuously
 - Consumes large amounts of caffeine ANSWER**
 - Uses insulin
11. Which drug is classified as an antileukotriene and is used for long term management of asthma?
- Accolate® (zafirlukast) ANSWER**
 - Proventil® (albuterol) inhalation
 - Theophylline
 - Atrovent® (ipratropium bromide)
12. **Intal® (cromolyn sodium)** , a mast-cell stabilizer, is used to prevent asthma attacks caused by allergens & exercise.