

TH 4120 Therapeutics II
Quiz #5
March 11, 2004

Name _____

1. Which of the following is a symptom or sign of nicotine withdrawal?
 - A) Increased blood pressure and heart rate
 - B) Increased cognitive functioning
 - C) Increased anxiety**
 - D) Increased respiratory stimulation
 - E) Increased alertness

2. What phase of bone remodeling follows "reversal"?
 - A) Resorption
 - B) Formation**
 - C) Quiescence
 - D) Staging
 - E) Adsorption

3. Which of the following therapies is best to initiate in a highly dependent smoker who has never attempted to quit smoking in the past?
 - A) Nicotine gum 4 mg**
 - B) Nicotine patch 7 mg/24 hours
 - C) Bupropion 150 mg QD
 - D) Clonidine patch 0.1 mg/day
 - E) Nortriptyline 100 mg QD

4. Approximately what percent of Non-Hispanic white women have osteoporosis according to NHANES III?
 - A) 10
 - B) 20**
 - C) 30
 - D) 40
 - E) 50

5. For those patients who commit to smoking cessation, how long should they be counseled on the minimum duration of pharmacologic therapy?
 - A) 1-2 weeks
 - B) 1-2 years
 - C) 6-8 weeks**
 - D) 6-8 months
 - E) Indefinitely

6. Which of the following statements regarding nicotine replacement therapy (NRT) is true?
- A) NRT is just as effective in abstinence rates as compared with placebo
 - B) NRT should not be used in combination with bupropion
 - C) NRT is only used for patients who are considered lighter smokers (<10 cigarettes/day)
 - D) NRT is safe to use in a patient who had a myocardial infarction 2 months ago**
 - E) NRT dosage forms should not be combined when developing a treatment regimen for an individual patient
7. What is the gold standard for measuring bone mineral density of the hip?
- A) Dual energy x-ray absorptiometry**
 - B) Single photon absorptiometry
 - C) Quantitative computed tomography
 - D) Ultrasound
 - E) X-ray
8. Which of the following statements regarding bupropion (for smoking cessation) is true?
- A) Bupropion is just as effective in abstinence rates as compared with placebo
 - B) Bupropion should not be used in combination with NRT
 - C) Bupropion is safe to use in a patient with seizure disorder
 - D) Bupropion is only used for patient who are considered lighter smokers
 - E) Bupropion should be initiated at least 1 week prior to the patient's target quit date**
9. Which of the following foods is the best source of dietary calcium?
- A) Whole milk, 1 cup
 - B) Skim milk, 1 cup
 - C) Ice cream, 1 cup
 - D) Cottage cheese, 1 cup
 - E) Yogurt (low-fat), 1 cup**
10. Which drug used to treat osteoporosis works by stimulating bone synthesis by increasing osteoblastic function?
- A) Raloxifene
 - B) Alendronate
 - C) Teriparatide (1-34 PTH)**
 - D) Estrogen
 - E) Calcium