

**KEY: CHAM Medicine Test**

9/30/18

Student \_\_\_\_\_ Date \_\_\_\_\_

Answer the questions based on what is written in the CHAM and CHAM Medicine Handbook. Assume that you have Medical Standing Orders or a doctor's order to treat the problems described.

1. Your patient has right acute otitis media. He weighs 115 pounds. He has no allergies.
  - a. What oral antibiotic should you give him?
    - Drug name? **Amoxicillin**
    - How many mg per capsule? **500 mg**
    - What is the dose? **1000mg (2 caps)**
    - How many times a day? **2**
    - For how many days? **5**
  - b. In his other ear he has an ear canal infection. What antibiotic eardrops should you give him?
    - Drug name? **Ciprofloxacin ophthalmic solution**
    - What is the dose? **5 drops**
    - How many times a day? **2**
    - For how many days? **7**
  
2. Your patient has a UTI. She is 20 years old and not pregnant. She doesn't look sick or have a fever. She weighs 150 pounds. She is allergic to Septra. What oral antibiotic should you give her?
  - a. Drug name? **Cephalexin (Keflex)**
    - How many mg per capsule? **500 mg**
    - What is the dose? **500 mg (1 cap)**
    - How many times a day? **4**
    - For how many days? **7**
  
3. Your patient has impetigo. He weighs 80 pounds. He is allergic to sulfa drugs, cephalosporins, and penicillin. The doctor has ordered you to treat him with oral antibiotics according to the CHAM. What oral antibiotic should you give him?
  - a. Drug name? **Erythromycin**
    - What strength (concentration) is the suspension? **200 mg/5 ml**
    - What is the dose in mg? **360 mg**
    - What is the dose in ml? **9 ml**
    - How many times a day? **4**
    - For how many days? **10**

4. Your 4 year old patient has a common cold. He weighs 40 pounds. He has no allergies. What medicine can you give him for his cough?

- a. Drug name? **Guaifenesin with Dextromethorphan**
- What strength (concentration) is the liquid? **100 mg Guaifenesin/5 ml & 10 mg Dextromethorphan/5ml**
  - What is the dose? **2.5 ml**
  - How often can it be given? **q6-8 hours, if needed**
  - For how many days? **up to 3 days**

5. Your patient has pain from a deeply decayed tooth. She weighs 23 pounds. She has no allergies. You are going to give her ibuprofen for the pain.

- What strength (concentration) is the liquid? **100 mg/5 ml**
- What is the dose in mg? **90 mg**
- What is the dose in ml? **4.5 ml**
- How often can she take it? **q 6-8 hours**

6. Your patient has acute otitis media. He weighs 25 pounds. He has no allergies. What is the first choice in the CHAM to give for the pain?

- a. Drug name? **Acetaminophen (Tylenol)**
- What strength (concentration) is the suspension? **160 mg/5 ml**
  - What is the dose in mg? **128 mg**
  - What is the dose in ml? **4 ml**
  - How often can he take it? **q 6 hours**

7. Your patient has strep throat. She is 18 years old and not pregnant. She weighs 115 pounds. She has no allergies. She refuses a shot. What oral antibiotic should you give her?

- a. Drug name? **Pen V**
- How many mg per tablet? **250 mg**
  - What is the dose? **500 mg (2 tablets)**
  - How many times a day? **2**
  - For how many days? **10**
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8. Your adult patient has sinusitis for the first time. He weighs 145 pounds. He has no allergies. The doctor has ordered you to treat according to the CHAM. What antibiotic should you give him?

- a. Drug name? **Trimethoprim/sulfamethoxazole (Bactrim, Septra)**
- How many mg per tablet? **80mg/400mg**
  - What is the dose? **160mg/800mg (2 tablets)**
  - How many times a day? **2**
  - For how many days? **10 days (or 21 days)**