

Module 7 Notes

1. A physician orders 500 mg of amoxicillin for a patient with an ear infection. Capsules available contain 250 mg per capsule. How many capsules should be given?
2. A physician orders 50 mg of Vistaril suspension to stop the itching for a patient with severe poison ivy. It is available as 25 mg per 5 ml. How many milliliters should be given?
3. A physician orders 20 mg of simethicone for a patient with indigestion. It is available as 0.04 g per 0.6 ml. How many milliliters should be given?
4. The recommended dose of Ancef for severe infections is 100 mg/kg/day. An individual weighs 124 pounds and is to receive the medication IM qid. How many mg can the individual **receive per day? Per dose?**
5. The recommended dose of the antibiotic ampicillin is 50 mg/kg/day. A child weighs 66 pounds and receives medication q8h. Ampicillin suspension is available as 250 mg per 5 ml. How many **mg** should the child receive per dose? How many **milliliters** should the child receive per dose?

6. Using the label for Depo-Provera in the appendix of labels, calculate the number of milliliters **per dose** and **per treatment** for a patient who is given an order for 200 mg tid PO for 14 days. **How many vials** of this drug are needed?

7. Using the label for Cloxacillin Sodium in the appendix of labels determine if the doctor's prescription is within in the usual dosage. The doctor ordered 3 g per day.

8. Using the label for Ceclor in the appendix of labels determine if the doctor's prescription is within the usual dosage. The doctor ordered an adult 90,000 micrograms six times a day.