

Weight-Based Dosage Calculations

Watch the video tutorial below to learn how to solve these problems:

https://www.youtube.com/watch?v=F_LfMcRT8aY&feature=youtu.be

1. Doctor orders 12 mg/kg of Acyclovir. The patient weighs 115 lbs. Acyclovir is supplied as 100 mg/2mL. How many mL will you administer per dose?

2. Doctor orders 12 units/kg/hr Heparin infusion. The patient weighs 200 lbs. You're supplied with a 30,000 units/500mL bag. What is the mL/hour rate?

3. Doctor orders 10 mcg/kg/min of a Dopamine infusion. The patient weighs 170 lbs. Dopamine is supplied as 500 mg/500mL. How many mL/hr will you administer?

For more quizzes: <http://www.registerednurse.com/nursing-student-quizzes-tests/>

4. Doctor orders 2 mg/kg of Lovenox subcutaneous daily. Patient weighs 155 lbs. You are supplied with a Lovenox syringe that reads 40 mg/0.4 mL. How many mL/dose will you administer?