

Adult Nursing: Practice Questions 4

1. After bypass surgery, your patient needs 150mg aspirin PO od. Tablets in stock are 75mg. How many tablets do you administer?
2. A patient is prescribed Tramadol 90mg q.d.s. What is the total amount of Tramadol in grams that the patient will receive in a day?
3. A patient who weighs 74kg and has a systemic fungal infection has been prescribed 250mcg/kg of Amphotericin B. How many mg of Amphotericin B are required?
4. You have lidocaine solution for injection 400mg/20mL in stock. Your patient needs 100mg lidocaine via IV injection. How many mL do you draw up?
5. The doctor has ordered a dose of 10mg/kg metronidazole PO for a patient with Crohn's disease, who weighs 66kg. Oral solution available is 200mg/5mL. How many mL do you administer?
6. Your patient is prescribed Furosemide 45mg IV to be added to 50mL of normal saline 0.9%. Furosemide stock available is 50mg/5mL. What volume of Furosemide will you need to add to the bag of normal saline?
7. A patient requires 1L of 10% glucose to be infused over 8 hours. At what rate should you set the pump in mL/hr?
8. Your patient has been prescribed 250mL whole blood to be infused over 3 hours. The giving set delivers 15 drops/mL. How many drops/min, to the nearest whole number, will you need to set the blood transfusion at?
9. A patient is prescribed erythromycin 0.45g to be infused in a solution of 250mL 0.9% normal saline over 45 minutes. What is the concentration of erythromycin in mg/mL?
10. What is the concentration of 1 in 10000 adrenaline in mg/mL?

Answers

1. 2 tablets
2. 0.36g
3. 18.5mg
4. 5mL
5. 16.5mL
6. 4.5mL
7. 125mL/hr
8. 21drops/min
9. 1.8mg/mL
10. 0.1mg/mL