

Adult Nursing: Practice Questions 2

1. Patient A is prescribed flucloxacillin 500mg q.d.s. In stock you have 250mg capsules. What is the total number of capsules she will be required to take in 24 hours?
2. Patient B has a liver abscess and has been prescribed 800mg metronidazole tds. What is his total daily dose of metronidazole in grams?
3. Patient C weighs 58kg and has a fungal infection. She needs 750mcg/kg/day amphoterecin. How many mg of amphoterecin will she receive each day?
4. The doctor has prescribed 4.5mg/kg/day gentamicin in three divided doses for patient D, who weighs 72.5kg. How many mg of gentamicin will he receive for each dose?
5. Patient E is prescribed the antibiotic cidomycin 150mg IV to be added to 50mL normal saline 0.9%. Stock strength available is 80mg/20mL. How many mL of cidomycin will you need to add to the bag of normal saline?
6. Patient F is prescribed IV teicoplanin 750mg b.d. for a bone infection. Stock available is 200mg per vial which needs reconstituting with 3mL water for injection. How many mL will be required for each dose?
7. Patient G is prescribed 700mL of dextrose saline to run over 6 hours using a volumetric pump. At how many mL/hr, to one decimal place, will you set the pump?
8. Patient H is prescribed 450mL of 5% Dextrose to run over 4 hours using an IV infusion set that delivers 20 drops/mL. To the nearest whole number, how many drops/min will you need to set the infusion at?
9. Patient J has been prescribed 1.2g of Augmentin IV. Stock strength available is 600mg per vial which needs to be reconstituted with 10mL of sterile water for injections. What is the concentration in mg/mL of Augmentin?
10. 180mg amBisome has been added to 150mL 5% glucose for an infusion to run over 45 minutes for patient K. What is the concentration of amBisome in mg/mL?

LET: Maths, Stats & Numeracy

Answers

1. 8 capsules
2. 2.4g
3. 43.5mg
4. 108.75mg
5. 37.5mL
6. 11.25mL
7. 116.6mL/hr
8. 38 drops/min
9. 60mg/mL
10. 1.2mg/mL