

Dosage Calculation IM6 Remediation Packet
To be Completed 48 hours prior to Reschedule date

1. Order: Heparin 2500 units SQ. Available: Heparin 10000 units/ ml. How many mL will you administer?
2. Order: Gentamycin 150mg. Available: Gentamycin 50mg/2mL. How many mL will you administer?
3. Order: Levothyroxine 0.5 mg. Available: Levothyroxine 200 mcg tablets. How many tablets will you administer?
4. Order: Temazepam 7.5 mg PO at bedtime PRN. Available: Temazepam 15 mg tablets. How many tablets will the nurse administer?
5. Order: Cephalexin 0.75g PO BID. Available: Cephalexin (Keflex) 250 mg capsules. How many capsules will the nurse administer the entire day?
6. Order: 5mU/min. Available: Oxytocin 25 units / 250 ml. How many ml/hr should pump be set at?
7. Order: 6mU/min. Available: Oxytocin 30 Units/500ml. How many ml/hr should pump be set at?
8. Order: 4mU/min. Available: Oxytocin 30 Units/125 ml. How many ml/hr should pump be set at?
9. Order: 8mU/min. Available: Oxytocin 40 units/1000ml. How many ml/hr should pump be set at?
10. Order: 2mU/min. Available: Oxytocin 20 units/500mL. How many ml/hr should pump be set at?
11. Order: Infuse 1500 mL LR (Lactated Ringers) over 10 hours. How many ml/hr should pump be set at?
12. Order: Infuse 50 mL of Clindamycin over 30 minutes. How many ml/hr should pump be set at?
13. Order: Infuse 750mL LR (Lactated Ringers) over 6 hours. How many ml/hr should pump be set at?
14. It is currently 1300 and your patient has a 1000mL NS bag to be run at 150 ml/hr. At 1700, the doctor requests for the remaining volume to be run over 4 hours. Calculate the mL/hr to set pump for remaining volume .
15. The nurse is caring for a patient who has a 1000ml bag of LR (Lactated Ringers) running at 250 ml/hr. The physician began rounding on patients 2 hours after the fluids were started and asks the nurse to give the remaining volume over the next 2 hours. Calculate the mL/hr for the remaining volume.
16. Order: Cefazolin 0.2g IM. Available: Cefazolin 500 mg powder. For reconstitution, add 2 mL of sterile water to obtain a concentration of 400mg/ml. How many mL will the nurse administer IM? Record your answer using one decimal place.

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17. Order: Hydrocortisone 200 mg IV q6h for 1 week. Available: hydrocortisone 500 mg powder. For reconstitution, add 5 mL of sterile water to obtain a concentration of 250 mg/2 mL. How many mL of saline are needed for reconstitution?

18. Order: Cefazolin 250 mg IVP. Available: 0.5 g Cefazolin. For reconstitution, add 2 mL of sterile water to obtain concentration of 250 mg/mL. How many milliliters should the nurse administer per dose?

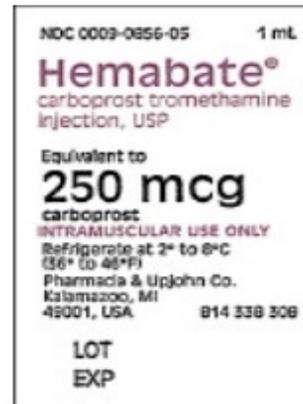
19. Order: Methicillin 1000mg IVPB. Available 5g vials. For reconstitution, add 10 mL of diluent to obtain a concentration of 1g/2mL. How many milliliters should the nurse administer?

20. Order: Ampicillin 0.5g IV. Available: Ampicillin 1000 mg powder. For reconstitution, add 4 mL of 0.9% Normal Saline to obtain a concentration of 250mg/mL. How many mL of NS will be needed for reconstitution?



21. Order: 600mcg
 How many tablets will be administered to patient?

22. Order: 0.75mg
 How many mL will be administered



23. Order: Tegretol 0.2 g po bid.
 How many tablets will be administered for the entire day?

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24. The recommended dosage of Narcan for a child is 0.01 mg/kg q2-3min PRN. What is a safe effective dose for a child weighing 88 lb?

25. The recommended daily dosage of a medication for an infant is 0.08 mg/kg/day in divided doses q8h. What is a safe daily dosage amount for an infant weighing 22 lb?