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**Advanced IV calculations #3**

1. Kanamycin 15mg/kg/day in evenly divided doses q12h. Patients weighs 135 #. How much should each dose contain?
2. Pronestyl 1 Gm in 500 mL D5W. Administer 4 mg/min. Electronic infusion device delivers mL/hr. How many mL/hr should the patient receive?
3. Dobutamine 3 mcg/kg/min. Available solution is 250 mg in 250 mL D5W. Patient weighs 50 kg. How many mL/hour should the patient receive?
4. Aminophylline 0.5 mg/kg/hr. IV. Available solution is 250 mg in 500 mL D5W. Patient weighs 130#. How many mL/hour should the patient receive?
5. Dobutamine 2.5 mcg/kg/min. Available solution is 500 mg in 250 mL D5W. The patient weighs 78.7 kg. What is the dosage of Dobutamine the patient will receive per hr? What is the flow rate in mL/hour.

**Advanced IV calculations #3**

1. Kanamycin 15mg/kg/day in evenly divided doses q12h. Patients weighs 135 #.  
How much should each dose contain?  
*460 mg q12h*
2. Pronestyl 1 Gm in 500 mL D5W. Administer 4 mg/min. Electronic infusion device delivers mL/hr. How many mL/hr should the patient receive?  
*120 mL/hr*
3. Dobutamine 3 mcg/kg/min. Available solution is 250 mg in 250 mL D5W.  
Patient weighs 50 kg. How many mL/hour should the patient receive?  
*9 mL/hr*
4. Aminophylline 0.5 mg/kg/hr. IV. Available solution is 250 mg in 500 mL D5W.  
Patient weighs 130#. How many mL/hour should the patient receive?  
*59 mL/hr*
5. Dobutamine 2.5 mcg/kg/min. Available solution is 500 mg in 250 mL D5W. The patient weighs 78.7 kg. What is the dosage of Dobutamine the patient will receive per hour? What is the flow rate in mL/hour?  
*11.8 mg/hr*  
*5.9 mL/hr*