IV DRUG CALCULATION FORMULAS	
1.	**Basic IV Flow Rate (pump):** ml/hr = volume (*ml*) / total time (*hr*)
2.	**Basic IV Flow Rate (gtt/min):** gtt/min = total volume (*ml*) X drop factor (*gtt/ml*) / total time (*minutes*) gtt/min = rate (*ml/hr*) X drop factor (*gtt/ml*) / 60 (*min/hr*)
3.	**Heparin & Insulin Drips:** 1. Calculate drug concentration = amount of drug in solution (*units*) / amount of solution (*ml*) 2. ml/hr = dose (*units/hr*) / concentration (*units/ml*)
4.	**Steps for IV Drug Calculations:** 1. Change weight to kg: Divide weight in lbs. by 2.2 1. Calculate drug concentration = amount of drug in solution (*mg*) / amount of solution (*ml*) 3. Convert "mg" to "mcg": Multiply by 1000 4. Plug in the correct formula
5.	**IV Drug Calculation Formulas:** 1. mcg/kg/min = concentration (*mcg/ml*) x infusion rate (*ml/hr*) / wt (*kg*) x 60 (*min/hr*) 2. mcg/min = concentration (*mcg/ml*) x infusion rate (*ml/hr*) / 60 (*min/hr*) 3. ml/hr = wt (*kg*) x dose (*mcg/kg/min*) x 60 (*min/hr*) / drug concentration (*mcg/ml*)