

Now that we have a renewed understanding of medication formulary, let's put it to good use.

Personal Information (required)

NAME:

EMS#:

E-MAIL:

Emergency Medical Services - Continuing Education - Test

1. You are transporting a male patient with diagnosis of inferior MI, to a tertiary care facility En route your patient becomes hypotensive and is refractory to fluid boluses. You decide to administer Dopamine at 7 mcg/kg/min infusion rate. Your patient weighs 220 lbs. What is the rate?

2. You are treating a patient with obvious closed forearm fracture. You decide to administer 4mg morphine sulfate and 12.5 mg Phenergan. Your MS is supplied in 10mg/2mL and Phenergan is supplied in 25 gm/2mL. What is the amount of mLs you would administer for each medication?

3. Dopamine is bought at a clearance price. The amount of drug a 250 cc bag is 800 mg. How does this compare to our normal concentration of Dopamine?

4. You are transporting a patient with an obvious femur fracture. En route, you choose to follow the pain protocol. You decide to administer 4 mg of Morphine Sulphate, however, you forgot to restock 1 cc syringes this a.m. during your morning check-offs, and all you have is a 3 cc syringe. Our Morphine is supplied in 10mg/1mL. How many mL's would you need to draw up to administer this amount?

5. The above patient advises you that the last time she had Morphine, it made her sick at her stomach. You decide to administer 12.5mg of Phenergan, which is supplied 25mg/1mL. Again, you have no 1 cc syringes and you just used your last 3 cc syringe. All you have now is a 5 cc syringe. How many cc's will you have to use now to deliver this dosage?

6. The M.D. orders 0.5 grams of of aminophylline to be placed in a 100mL bag of D5W for an IV piggyback. What is the per mL concentration?