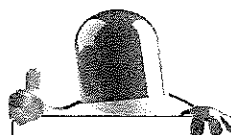


NAME _____

DATE _____

ACCEPTABLE SCORE 14

YOUR SCORE _____



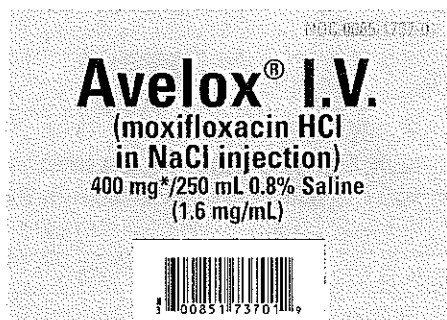
POSTTEST 2



DIRECTIONS: The IV fluid order is listed in each problem. Calculate the appropriate infusion rate for each problem. Show your work. Follow your instructor's rules on rounding final answers.

1. A patient with poor wound healing has ascorbic acid 300 mg in 200 mL of 0.9% NS ordered to be infused over 6 hours. How many milliliters per hour should the IV pump be programmed for? _____

2. Moxifloxacin 400 mg daily IV is ordered for a patient with osteomyelitis. The moxifloxacin is to be infused over 60 minutes. The tubing drop factor is 10 gtt/mL. How many drops per minute should be given? _____



INFUSE OVER A PERIOD OF 60 MINUTES

3. A patient with iron-deficiency anemia has an order for iron dextran 100 mg in 200 mL of 0.9% NS over 6 hours. How many milliliters per hour should the IV pump be programmed for? _____

4. A patient with a gastrointestinal bleed has an order for 1 unit of whole blood (500 mL) to be given over 3 hours. The tubing drop factor is 15 gtt/mL. How many drops per minute should be given? _____

5. A patient with hypotension receives an order for 1000 mL of 0.9% NS over 6 hours. The tubing drop factor is 10 gtt/mL. How many drops per minute should be given? _____

LOT	EXP	
—	—	281324 NDC 0318-0619-04 BN 022004
—	—	1
—	—	0.9% Sodium Chloride Injection USP
—	—	2
—	—	3
—	—	4
—	—	1000 mL
—	—	EACH 100 mL CONTAINS 900 mg Sodium Chloride USP pH 5.0 (4.5 to 7.5) mEq/L Sodium 154 Chloride 154 Osmolality 308 mOsm/L (240) STERILE Nonpyrogenic SINGLE DOSE CONTAINER ADDITIVES MAY BE INCOMPATIBLE CONSULT WITH PHARMACIST IF AVAILABLE WHEN INTRODUCING ADDITIVES USE ASEP [®] TECHNIQUE BAG THOROUGHLY DO NOT STORE DAMAGE INTRAVENOUSLY AS DIRECTED BY A PHYSICIAN SEE DIRECTIONS CAUTIONS SOURCES AND EXPERT OVER BAG WHICH INDICATES PRODUCT STERILITY DISCARD IF LEAKS ARE FOUND MUST NOT BE USED IN STERILE CONNECTIONS DO NOT USE UNLESS SOLUTION IS CLEAR FEDERAL (USA) LAW PROHIBITS DISPENSING WITHOUT PRESCRIPTION STORE UNIT IN PROTECTIVE ENVELOPE OVERLAP AT ROOM TEMPERATURE (25°C/77°F) UNTIL READY TO USE AVOID EXCESSIVE HEAT SEE PAGES
—	—	5
—	—	6
—	—	7
—	—	Baxter
—	—	BAXTER HEALTHCARE CORPORATION DEERFIELD IL 60015 USA
—	—	MADE IN USA
—	—	OUTRIGGER [®] IN CHINA BY BAXTER CORPORATION
—	—	TOPPED [®] CHINA CHINA
—	—	Vial [®] container PL 1460 PLASTIC FOR PRODUCT INFORMATION CALL 1-800-933-0000
—	—	8
—	—	9

6. An order for a patient with hypocalcemia states to infuse 1 g of calcium chloride 10% over 30 minutes. The calcium chloride is diluted in 50 mL of 0.9% NS. How many milliliters per hour should the IV pump be programmed for? _____
7. A terminal patient has morphine sulfate ordered at 8 mg/h. The medication concentration is morphine 100 mg diluted in 100 mL of D₅W. How many milliliters per hour should the IV pump be programmed for? _____
8. A patient who has undergone hip replacement has an order for ketorolac 30 mg q 6 h. The ketorolac is diluted in 50 mL of 0.9% NS and is to be infused over 15 minutes. The tubing drop factor is 60 gtt/mL. How many drops per minute should be given? _____
9. A patient with severe nausea and vomiting has a one-time order for ondansetron 8 mg IV over 15 minutes. The ondansetron is diluted in 50 mL of D₅W. The tubing drop factor is 15 gtt/mL. How many drops per minute should be given? _____

