

ProCalc Practice Questions: Question Type 17 (dosage/wt or BSA/hr or min prescribed)

- 1.** 100 units of Regular Iletin I (Insulin) in NS is to be infused at a rate of 0.15 units/kg/hr. The iv solution has a total volume of 100 mL. Your patient's current weight is 58 kg. At how many mL/hr will you infuse the IV?
- 2.** 40 mg of Dopamine in D5W is to be infused at a rate of 9 mcg/kg/min. The IV solution has a total volume of 50 mL. Your patient's current weight is 8.5 kg. At how many mL/hr will you infuse the IV?
- 3.** 50 mg of Nitroprusside in D5W is to be infused at a rate of 1.5 mcg/kg/min. The IV solution has total volume of 250 mL. Your patient's current weight is 79 kg. At how many mL/hr will you infuse the IV?
- 4.** Dobutrex (Dobutamine) is to be infused at a rate of 7.5 mcg/kg/min. 0.2 g of Dobutrex has been added to D5W. The final solution has a volume of 250 mL. Your patient's current weight is 34.5 kg. The IV should be infused at how many mL per hr?
- 5.** Nitroglycerin is to be infused at a rate of 2 mcg/kg/min. 50 mg of Nitroglycerin has been added to D5W. The final solution has a volume of 125 mL. Your patient's current weight is 15.6 kg. The IV should be infused at how many mL per hr?

ProCalc Practice Questions: Question Type 17 ANSWERS

- 1.** 8.7
- 2.** 5.7
- 3.** 36
- 4.** 19
- 5.** 4.7