

OB-PEDS PRACTICE MATH

1. Magnesium sulfate 30 grams is mixed in 500 ml Lactated Ringers. Order: infuse a maintenance dose of magnesium sulfate @ 4 grams/hour. How many ml/hr will the IV run? 66.6 or 67ml/hr
2. Begin a Pitocin infusion at 5 mu/min via IV pump for labor induction. On hand is Pitocin 40units in 1000ml Lactated Ringers. How many ml/hr will the IV run? 7.5 or 8ml/hr
3. The nurse notes the patient's IV pump is set at 10ml/hr. The IV bag holds 30 units of Pitocin mixed in 500ml of Lactated Ringers. How many mu/min is the client receiving? 10mu/min
4. The order reads: begin the infusion of Pitocin at 6mu/min. On hand - 30 units of Pitocin mixed in 500 ml of Lactated Ringers. How will you set the pump? 6ml/hr
5. The order reads: begin a Pitocin infusion @ 3mu/min. You have on hand Pitocin 30 units in 500ml of Lactated Ringers. How should you set the pump? 3ml/hr
6. You have on hand Magnesium Sulfate 40 grams in 500ml of Lactated Ringers. The order is to infuse a maintenance dose of Magnesium Sulfate @ 1 gram/hour. How many ml/hr will you run the IV? 12.5 or 13ml/hr
7. Begin a Pitocin infusion at 7mu/min via pump for labor induction. On hand is Pitocin 30units in 1000ml Lactated Ringers. How many ml/hr will you run the IV? 14ml/hr

8. The nurse notes the patient's IV pump is set at 120ml/hr. The IV bag holds 20 units of Pitocin mixed in 500ml of Lactated Ringers. How many mu/min is the patient receiving? 80mu/min

9. The nurse notes the patient's IV pump is set at 10l/hr. The IV bag holds 40 units of Pitocin mixed in 500ml of Lactated Ringers. How many mu/min is the patient receiving at this time? 13.3 or 13mu/min

10. Administer a dose of Vitamin K (Aquamephyton) 0.5mg. Available: Vitamin K 1mg/1ml. How many mls would you administer? 0.5ml