IV PRACTICE PROBLEMS (RNs Only)

. Calculate the drip rate for 100 mls of IV Fluids to be given over a half hour via a giving set which delivers 10 drops/ml.

2. One litre of Normal Saline is charted over 9 hours. The drop factor is 15. Calculate the number of drops per minute.

3. One and a half litres of Normal Saline is required to be given over 4 hours. Using a giving set which delivers 10 drops/ml how many drops per minute will need to be given?

4. Calculate the drip rate for 2 litres of IV Fluids to be given over 5 hours via a giving set which delivers 10 drops/ml.

5. Ordered: 1 litre of Dextrose 5% in water over 8 hours using a giving set which delivers 10 drops/ml. Calculate the rate in drops/minute.

6. You are required to administer 100 mls of IV Fluids over 1 hour. The drop factor is 15. How many drops per minute are required to start the flow off at the correct rate?

7. You are required to administer 500 mls of Normal Saline over 3.5 hours. The drop factor is 10. How many drops per minute are required to start the flow off at the correct rate?

8. Calculate the drip rate for 500 mls of Normal Saline to be given over 4.5 hours via a giving set which delivers 15 drops/ml.

9. You are required to administer 1 litre of Normal Saline over 7 hours. The drop factor is 10. How many drops per minute are required to start the flow off at the correct rate?

10. One litre of Dextrose 5% in water is charted over 8 hours. The drop factor is 10. Calculate the number of drops per minute.

11. You are required to administer 3 litres of IV Fluids over 12 hours. The drop factor is 10. How many drops per minute are required to start the flow off at the correct rate?

12. Calculate the drip rate for 500 mls of Dextrose 5% in water to be given over 4 hours via a giving set which delivers 15 drops/ml.

13. One and a half litres of IV Fluids is prescribed over 8 hours. The drop factor is 15. How many drops per minute are required to start the flow off at the correct rate?

14. Three litres of Hartmans (Lactated Ringer's) is charted over 12 hours. The drop factor is 15. The IV has been running for 9 hours. 800 mls remain. How many drops per minute are needed so that the IV finishes in the required time?

15. Calculate the drip rate for 100 mls of IV Fluids to be given over 2 hours via a giving set which delivers 60 drops/ml.

16. One litre of Dextrose 5% in water is charted over 3 hours. The drop factor is 10. The IV has been running for 1 hour and 15 minutes. 500 mls remain. How many drops per minute are needed so that the IV finishes in the required time?

17. You are required to administer 1 litre of Normal Saline over 7 hours. The drop factor is 15. How many drops per minute are required to start the flow off at the correct rate?

18. One litre of IV Fluids is charted over 11 hours. The drop factor is 10. The IV has been running for 9 hours and 45 minutes. 100 mls remain. How many drops per minute are needed so that the IV finishes in the required time?

19. Three litres of Normal Saline is charted over 12 hours. The drop factor is 15. The IV has been running for 9 hours and 45 minutes. 500 mls remain. How many drops per minute are needed so that the IV finishes in the required time?

20. One hundred millilitres of IV Fluids is charted over 2.5 hours. The drop factor is 15. Calculate the number of drops per minute.