

Imperial Valley College
Division of Nursing Education and Health Technologies
NURS

Study Guide: IV's

Order: Run these IV's consecutively over 24 hrs. using standard macrodrip tubing.

- 1) 1000 mL D₅NS
- 2) 500 mL RL

1. Calculate the volume/hr.

2. Calculate the volume/min.

Order: 1000 mL D₅ 2NS q 6 hr using standard macrodrip tubing.

3. Calculate the volume/hr.

4. Calculate the volume/min.

Order: 1500 mL D₅W q 24 hrs.

5. Using a macrodrip tubing in which 20 gtts = 1 mL, calculate the volume/min.

6. Calculate the volume/min. using a standard macrodrip tubing.

7. Calculate the volume/min. using a standard microdrip tubing.

Order: Run the following IV's consecutively over the next 24 hrs. using standard macrodrip tubing.

- 1) 1000 mL RL
- 2) 500 mL D₅W
- 3) 250 mL NS

8. Calculate the volume/hr.

9. Calculate the volume/min.

Order: 500 mL NS q 8 hr continuously

10. Calculate the volume/hr.

11. Calculate the volume/min. using standard microdrip tubing.

12. Calculate the volume/24 hrs.

Order: 1000 mL RL q 16 hr continuously

13. Calculate the volume/hr.

14. Calculate the volume/min. using a standard macrodrip tubing.

Order: Run these IV's consecutively over the next 24 hrs. using a standard macrodrip tubing.

- 1) 500 mL D₅NS
- 2) 1000 mL D₅W
- 3) 300 mL NS

15. Calculate the volume/hr.

16. Calculate the volume/min.

Order: D₅NS continuously @75 mL/hr using a standard macrodrip tubing.

17. Calculate the volume/min.

18. Calculate the volume/24 hrs.

19. Calculate the volume/min. if the rate were decreased to 50 mL/hr.

Order: 750 mL NS q 11 hr cont. using a standard macrodrip tubing.

20. Calculate the volume/hr.

21. Calculate the volume/min.

Order: 1300 mL D₅W q 18 hr using a standard macrodrip tubing.

22. Calculate the volume/hr

23. Calculate the volume/min.

Order: Run these IV's consecutively over 24 hrs using a macrodrip tubing in which 19 gtts = 1 mL.
1) 400 ml NS
2) 200 ml RL
3) 350 mL D₅NS

24. Calculate the volume/24 hrs.

25. Calculate the volume/hr.

26. Calculate the volume/min.

Order: 1000 mL RL q8hr cont. using a standard macrodrip tubing.

27. Calculate the volume/24 hrs.

28. Calculate the volume/hr.

29. Calculate the volume/min

Order: Run these IV's consecutively over the next 24 hrs.

- 1) 350 mL D₅W
- 2) 150 mL NS
- 3) 275 mL RL
- 4) 650 mL NS

30. Calculate the volume/24 hrs.

31. Calculate the volume/hr.

32. Calculate the volume/min. using a standard macrodrip tubing.

33. Calculate the volume/min. using a standard microdrip tubing.

Order: D₅W cont. @80 mL/hr using a standard macrodrip tubing.

34. Calculate the volume/24 hrs.

35. Calculate the volume/min.

36. The rate is decreased to 10 ml/hr. Calculate the new volume/min.

Order: 925 mL NS q 17 hrs cont. using a standard macrodrip tubing.

37. Calculate the volume/hr.

38. Calculate the volume/min.

Order: 720 mL RL q 24 hrs continuously using a macrodrip tubing in which 18 gtts = 1 mL.

39. Calculate the volume/hr.

40. Calculate the volume/min.