Calculating IV Titration in ml/hr Example 1 To lower BP, nitroprusside in dextrose 5% in water is to be titrated 15-200 mcg per minute. The IV solution was prepared by adding 50 mg of nitroprusside to dextrose 5% in water. The final solution contains a total volume of 250 ml. You should infuse the IV solution at a rate of ___ to __ ml per hour.

To find the ml/hour:

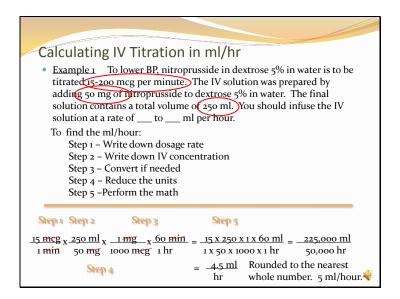
Step 1 - Write down dosage rate

Step 2 – Write down IV concentration

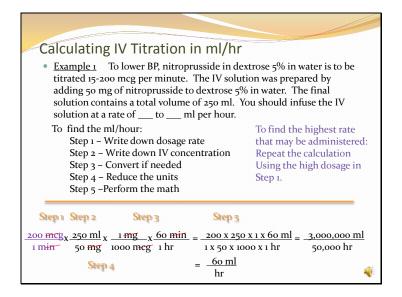
Step 3 – Convert if needed

Step 4 - Reduce the units

Step 5 -Perform the math



Slide 6



Calculating IV Titration in ml/hr

• Example 2 Levophed in dextrose 5% in water is to be titrated 2–4 mcg per minute to maintain BP. The IV solution was prepared by adding 4 mg of Levophed. The final solution has a total volume of 1000 ml. You should infuse the IV solution at a rate of ___ to __ ml per hour.

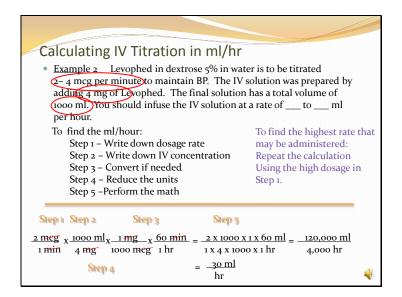
To find the ml/hour:

Step 1 – Write down dosage rate
Step 2 – Write down IV concentration

Step 3 - Convert if needed

Step 4 – Reduce the units Step 5 –Perform the math

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