## Calculating IV Drug Dose per Hour & Minute

• Example 1 Dextrose 5% in water with Amicar is infusing at a rate of 55 ml per hour. The IV solution was prepared by adding 5000 mg of Amicar to dextrose 5% in water. The final solution contains a total volume of 250 ml. How many mg are infusing per hour? How many mg are infusing per minute?

To find the mg/hr:

Step 1 – Write down infusion rate

Step 2 – Write down IV concentration Step 3 – Reduce the units

Step 4 –Perform the math

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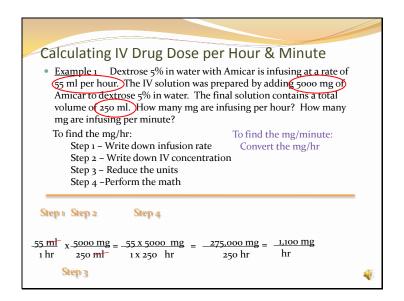
• Example 2 Your patient is receiving an IV of 250 milliliters of 0.9% NS with 500 milligrams of the Inocor. The flow rate is 15 milliliters per hour. How many milligrams per hour is your patient receiving? How many milligrams per minute?

To find the mg/hr:

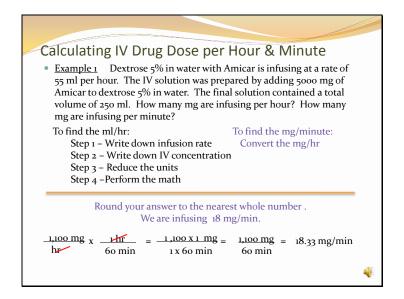
Step 1 – Write down infusion rate

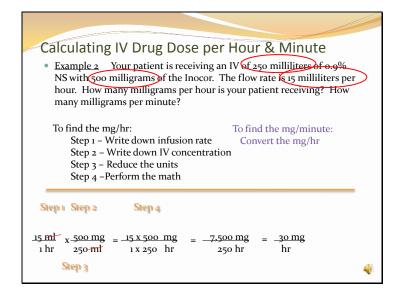
Step 2 – Write down IV concentration

Step 3 – Reduce the units Step 4 –Perform the math

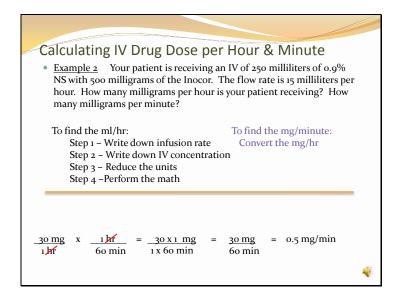



## Slide 5 Solution to Example One - Part Two





## Slide 9 Solution to Example Two – Part One



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