

Case Studies and Finals - Dosage x +

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- Diabetes +
- Leukopenia Post-Chemotherapy Treatments +
- Pediatric Asthma -**
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- Acute MI +

MENU

Time Spent: 00:03:47 TOOLS +

A nurse is calculating the flow rate of 0.9% sodium chloride (0.9% NaCl) IV by continuous infusion. The nurse should set the IV pump to deliver how many mL/hr? Click on the "Exhibit" button on the right to see the MAR and flow sheet. Round to a whole number. Do not use commas. (Click on "Show Me" if you need help.)

mL/hr

Show Me **Exhibit**

CORRECT!

X = 83 mL/hr. For more information on the step-by-step process, click the "Show Me" feature on this page.

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MENU

Time Spent: 00:04:51 TOOLS +

A nurse is calculating the dosage of albuterol sulfate. How many mL should the nurse place in the nebulizer? Click on the "Exhibit" button on the right to see the MAR, flow sheet, and medication label. Round to the tenth. (Click on "Show Me" if you need help.)

mL

Show Me **Exhibit**

CORRECT!

X = 0.5 mL. For more information on the step-by-step process, click the "Show Me" feature on this page.

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MENU

Time Spent: 00:05:25 TOOLS +

A nurse is calculating the dosage of cromolyn (Intal). How many mL should the nurse place in the nebulizer? Click on the "Exhibit" button on the right to see the MAR, flow sheet, and medication label. Round to a whole number. Do not use commas. (Click on "Show Me" if you need help.)

mL

SHOW ME
EXHIBIT

CORRECT!

X = 2 mL. For more information on the step-by-step process, click the "Show Me" feature on this page.

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- Acute MI +
- Advanced Alzheimer's Disease +

MENU

A nurse is calculating the dosage of methylprednisolone sodium succinate (Solu-Medrol). Methylprednisolone sodium succinate is available as 40 mg/mL. Click on the "Exhibit" button on the right to see the MAR and flow sheet. (Click on "Show Me" if you need help.)

Answer: 0.64



SHOW ME
EXHIBIT

CORRECT!

X = 0.64 mL. This syringe holds up to 1 mL and is appropriate for administering this medication because the dose is less than 1 mL. The 1 mL syringe is calibrated in 0.1 mL and 0.01 increments, so the correct dose is 4 small lines past the longer 0.6 mL mark. For more information on the step-by-step process, click the "Show Me" feature on this page.

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Diabetes +

Leukopenia Post-Chemotherapy Treatments +

Pediatric Asthma -

Pediatric Asthma

Drill 3-1

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Acute MI +

Advanced Alzheimer's Disease +

A nurse is calculating the dosage of acetaminophen (Tylenol). Available is acetaminophen liquid 160 mg/5 mL. How many mL should the nurse administer? Click on the "Exhibit" button on the right to see the MAR and flow sheet. Round to the tenth. Add a leading zero if needed. (Click on "Show Me" if you need help.)

9.4 mL

Show Me Exhibit

CORRECT!

X = 9.4 mL. For more information on the step-by-step process, click the "Show Me" feature on this page.

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Acute MI +

Advanced Alzheimer's Disease +

A nurse is calculating the dosage of theophylline (Theodor). Available is theophylline liquid 80 mg/15 mL. How many mL should the nurse administer? Click on the "Exhibit" button on the right to see the MAR and flow sheet. Round to a whole number. Do not use commas. (Click on "Show Me" if you need help.)

24 mL

Show Me Exhibit

CORRECT!

X = 24 mL. For more information on the step-by-step process, click the "Show Me" feature on this page.

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A nurse is calculating the dosage of ondansetron (Zofran). Available is ondansetron injection 2 mg/mL. How many mL should the nurse administer? Click on the "Exhibit" button on the right to see the MAR and flow sheet. (Click on "Show Me" if you need help.)

Show Me Exhibit

Answer: 1.9



CORRECT!

X = 1.9 mL. This syringe holds up to 3 mL and is appropriate for administering this medication because the dose is less than 3 mL. The 3 mL syringe is calibrated in 0.5 and 0.1 mL increments, so the correct dose is 4 small lines past the longer 1.5 mark. For more information on the step-by-step process, click the "Show Me" feature on this page.

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A nurse is preparing to administer acetaminophen (Tylenol). The recommended dose of acetaminophen is 10-15 mg/kg/dose. How does the prescribed amount compare to the recommended dosage range? Click on the "Exhibit" button on the right to see the MAR and flow sheet. (Click on "Show Me" if you need help.)

Show Me Exhibit

Greater than the recommended dosage range

For more information on the step-by-step process, click the "Show Me" feature on this page.

Less than the recommended dosage range

For more information on the step-by-step process, click the "Show Me" feature on this page.

Within the recommended dosage range

For more information on the step-by-step process, click the "Show Me" feature on this page.

Unable to determine with information provided

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► Pediatric Asthma

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Pediatric Asthma



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