

Deanna Braden

Lesson 8

ATI Dosage Calculation Advanced Alzheimer's Disease

The screenshot shows a web browser window with the URL <https://student.atitesting.com/Si>. The page title is "Tutorial: Dosage Calculation and Safe Medication Administration 3.0" and the module is "Critical Care Medications". The main content area is titled "Case studies" and contains a question: "A nurse is converting a client's weight from pounds to kilograms. What is the client's weight in kilograms? (Review the MAR and flow sheet. Round the answer to the nearest tenth.)". The answer "73.6" is entered in a text box. Below the question, there are two steps: "Step 1: What is the unit of measurement the nurse should calculate? (Place the unit of measure being calculated on the left side of the equation.) X kg =" and "Step 2". The Windows taskbar at the bottom shows the time as 12:41 AM on 7/6/2021.

The screenshot shows a web browser window with the URL <https://student.atitesting.com/Si>. The page title is "Tutorial: Dosage Calculation and Safe Medication Administration 3.0" and the module is "Critical Care Medications". The main content area is titled "Case studies" and contains a question: "A nurse is calculating the dosage of captopril. Available is captopril elixir 1 mg/mL. How many milliliters should the nurse administer? (Review the MAR and flow sheet. Round the answer to the nearest tenth.)". The answer "12.5" is entered in a text box. Below the question, there are two steps: "Step 1: What is the unit of measurement the nurse should calculate? (Place the unit of measure being calculated on the left side of the equation.) X mL =" and "Step 2: Find the ratio in the item that contains the same unit as the unit being calculated. (Place the ratio on the right side of the equation, ensuring that the unit in the numerator matches the unit being calculated.)". The Windows taskbar at the bottom shows the time as 12:29 AM on 7/6/2021.

https://student.atitesting.com/Student/... student.atitesting.com

Google Amazon.com eBay Facebook Gmail Word Excel PowerPoint APA Sample Paper... APA In-Text Citatio... Glasgow Coma Scal... PSN - Your Comple...

ati Tutorial: Dosage Calculation and Safe Medication Administration 3.0  
Module: Critical Care Medications

Time Spent: 00:19:14

Table of contents

Critical Care Medications: Overview

- Intravenous fluid infusions
- Calculating flow rates for large-volume IV bolus
- Activity 1
- Continuous IV medication infusions
- Calculating continuous IV medication infusions
- Activity 2

Calculator

## Case studies

A nurse is calculating the dosage of enoxaparin. Available is enoxaparin injection 100 mg/mL. How many milliliters should the nurse administer?

(Review the MAR and flow sheet. Round the answer to the nearest tenth. Measure the correct dose of the medication by dragging the syringe. Then click "Submit.")



0.7

12:33 AM 7/6/2021

https://student.atitesting.com/Student/... student.atitesting.com

Google Amazon.com eBay Facebook Gmail Word Excel PowerPoint APA Sample Paper... APA In-Text Citatio... Glasgow Coma Scal... PSN - Your Comple...

ati Tutorial: Dosage Calculation and Safe Medication Administration 3.0  
Module: Critical Care Medications

Time Spent: 00:20:38

Table of contents

Critical Care Medications: Overview

- Intravenous fluid infusions
- Calculating flow rates for large-volume IV bolus
- Activity 1
- Continuous IV medication infusions
- Calculating continuous IV medication infusions
- Activity 2

Calculator

## Case studies

A nurse is calculating the dosage of lorazepam. Available is lorazepam solution 2 mg/mL. How many milliliters should the nurse administer?

(Review the MAR and flow sheet. Round the answer to the nearest hundredth. Measure the correct dose of the medication by dragging the syringe. Then click "Submit.")



0.25

12:35 AM 7/6/2021

https://student.atitesting.com/Student/... student.atitesting.com

Google Amazon.com eBay Facebook Gmail Word Excel PowerPoint APA Sample Paper... APA In-Text Citatio... Glasgow Coma Scal... PSN - Your Comple...

ati Tutorial: Dosage Calculation and Safe Medication Administration 3.0  
Module: Critical Care Medications

Time Spent: 00:21:44

Table of contents

Critical Care Medications: Overview

- Intravenous fluid infusions
- Calculating flow rates for large-volume IV bolus
- Activity 1
- Continuous IV medication infusions
- Calculating continuous IV medication infusions
- Activity 2

Calculator

## Case studies

A nurse is calculating the dosage of morphine. Available is morphine oral solution 20 mg/mL. How many milliliters should the nurse administer?

(Review the MAR and flow sheet. Round the answer to the nearest tenth.)

1.5

**Step 1**  
What is the unit of measurement the nurse should calculate? (Place the unit of measure being calculated on the left side of the equation.)

X mL =

**Step 2**

12:36 AM 7/6/2021

https://student.atitesting.com/Student/... student.atitesting.com

Google Amazon.com eBay Facebook Gmail Word Excel PowerPoint APA Sample Paper... APA In-Text Citatio... Glasgow Coma Scal... PSN - Your Comple...

ati Tutorial: Dosage Calculation and Safe Medication Administration 3.0  
Module: Critical Care Medications

Time Spent: 00:23:30

Table of contents

Critical Care Medications: Overview

- Intravenous fluid infusions
- Calculating flow rates for large-volume IV bolus
- Activity 1
- Continuous IV medication infusions
- Calculating continuous IV medication infusions
- Activity 2

Calculator

## Case studies

A nurse is calculating the dosage of fluoxetine. Available is fluoxetine 20 mg/5 mL. How many milliliters should the nurse administer?

(Review the MAR and flow sheet. Round the answer to the nearest tenth. Measure the correct dose of the medication by dragging the syringe. Then click "Submit.")



3.8

12:37 AM 7/6/2021



- Table of contents
- Critical Care Medications: Overview
- Intravenous fluid infusions
- Calculating flow rates for large-volume IV bolus
- Activity 1
- Continuous IV medication infusions
- Calculating continuous IV medication infusions
- Activity 2

### Case studies

There are 20 mg/5 mL and the prescribed amount is 10 mg. It makes sense to administer 5 mL. The nurse should administer fluoxetine 3.8 mL per G tube daily.

A nurse is calculating the dosage of memantine. Available is memantine solution 10 mg/5 mL. How many milliliters should the nurse administer?  
(Round the answer to the nearest tenth. Review the MAR and flow sheet. Round the answer to the nearest tenth.)

7.5

**Step 1**  
What is the unit of measurement the nurse should calculate? (Place the unit of measure being calculated on the left side of the equation.)