

Deanna Braden

Mental Health

ATI - Bipolar

The screenshot shows a web browser window with the URL <https://student.atitesting.com/StaticContent>. The page header includes the ATI logo and the text "Tutorial: Dosage Calculation and Safe Medication Administration 3.0" and "Module: Critical Care Medications". A "Time Spent" indicator shows 00:12:53. On the left is a "Table of contents" sidebar with "Critical Care Medications: Overview" selected. The main content area is titled "Case studies" and contains the following text: "A nurse is converting a client's weight from pounds to kilograms. What is the client's weight in kilograms? (Review the MAR. Round the answer to the nearest tenth.)". Below this is a text input field containing "62.7" with a checkmark icon to its left. Underneath 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: 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 8:40 AM on 3/13/2021.

The screenshot shows the same web browser window and page header as above. The "Time Spent" indicator now shows 00:15:03. The "Table of contents" sidebar remains the same. The main content area is titled "Case studies" and features an illustration of a blue pill bottle containing two white pills, with a grey pill tray below it containing two white pills. Below the illustration is a text input field containing "2" with a checkmark icon to its left. Underneath is the text "Step 1". The Windows taskbar at the bottom shows the time as 8:42 AM on 3/13/2021.

studentatitesting.com/StaticC X New Tab X +
https://studentatitesting.com/StaticContent

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

Time Spent: 00:17:10

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
- Titration continuous IV

Calculator Case studies Close X

60 TABLETS



1

8:44 AM 3/13/2021

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https://studentatitesting.com/StaticContent

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

Time Spent: 00:19:44

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
- Titration continuous IV

Calculator Case studies Close X

(Review the MAR and medication label. Round the answer to the nearest hundredth.)



0.8

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

8:47 AM 3/13/2021

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https://studentatitesting.com/StaticContent

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

Time Spent: 00:20:55

Table of contents

Critical Care Medications: Overview

- Intravenous fluid infusions
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- Activity 1
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- Titrating continuous IV

Calculator

Case studies

2

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

8:48 AM 3/13/2021

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https://studentatitesting.com/StaticContent

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

Time Spent: 00:24:15

Calculator

Case studies

LEVOTHYROXINE SODIUM TABLETS, USP

0.175 mg
RX ONLY
100 TABLETS

Storage Conditions:
20° to 25°C (68° to 77°F), with excursion between 15° to 30°C (59° to 86°F).
Dispense in a tight, light resistant container.

Dosage:
For complete prescribing information see insert. Keep this and all medication out of reach of children.

8:52 AM 3/13/2021



- Table of contents
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- Activity 2
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Case studies

Step 0
Determine if the amount to administer makes sense.
If there are 0.175 mg/tablet and the prescribed amount is 350 mcg, it makes sense to administer 2 tablets. The nurse should administer levothyroxine 2 tablets PO daily.

A nurse is preparing to administer 0.9% NaCl bolus. The drop factor of the manual IV tubing is 15 gtt/mL. The nurse should set the manual IV infusion to deliver how many gtt/min?
(Review the MAR. Round the answer to the nearest whole number.)

125

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