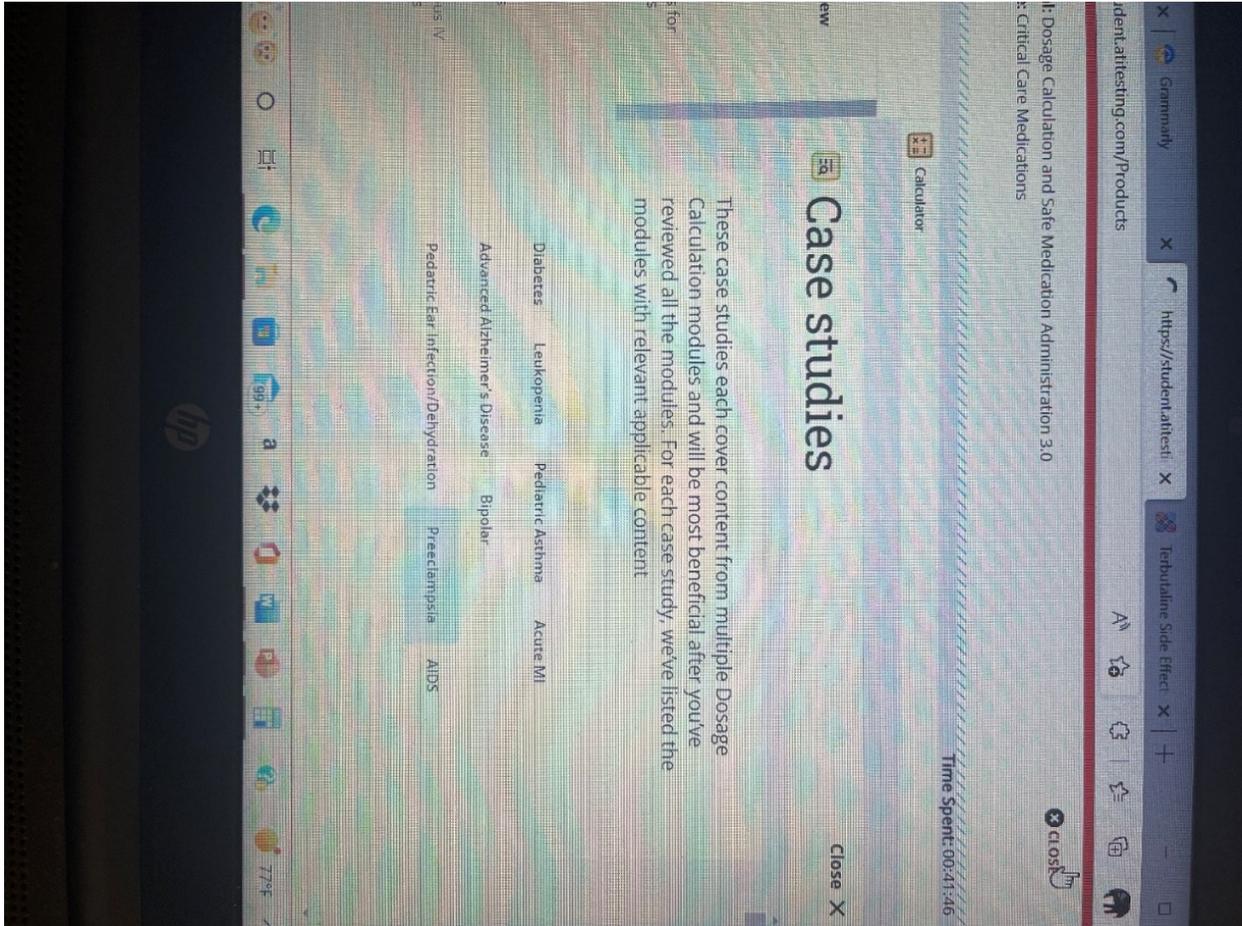


Angelina Thomas

Preeclampsia Dosage Calculation Case study

10/10/2022



Calculator

56 Case studies



2

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Q

A nurse is calculating the IV flow rate for ampicillin. Available is ampicillin 500 mg in 0.9% NaCl 100 mL. The nurse should administer how many mL/hr?

(Review the MAR. Round the answer to the nearest whole number.)

Enter answer in mL/hr



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

Time Spent: 00:02:02

Case studies

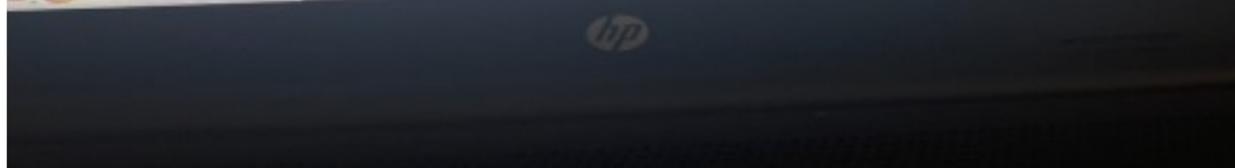
Close X

...ne if the amount to administer makes sense.
...are 30 mg/tablet and the prescribed amount is 30 mg, it makes sense to administer 1 tablet. The nurse
administer nifedipine 1 tablet PO every 8 hr.

...s calculating the dosage of magnesium sulfate IV bolus. Available is magnesium sulfate 4 g in D₅W 50 mL.
...e should set the IV pump to deliver how many mL/hr?

...he MAR. Round the answer to the nearest whole number.)

100



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

Calculator

Case studies

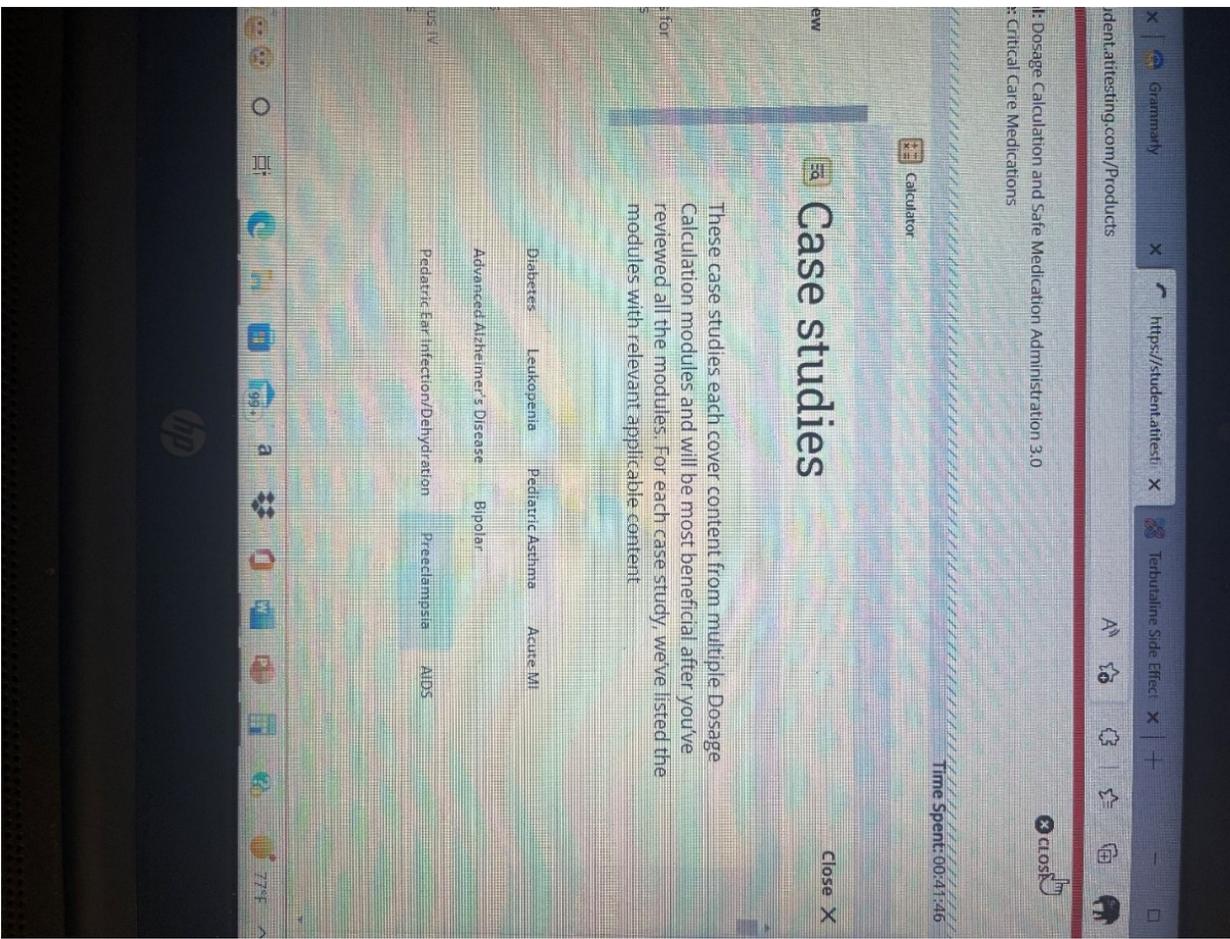
APRONS	Magnesson before 2 gits by continuous IV infusion		
APRONS	Carbaid 8mg/kg IV push by continuous IV infusion		
Signatures			Date

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.)

64.1

Step 1
What is the unit of measurement the nurse should calculate? (Place the unit of measure being calculated)

hp



Calculator

Case studies

Step 6

Determine if the amount to administer makes sense. If there are 30 mg/5 mL and the prescribed amount is 12 mg, it makes sense to administer 2 mL. The nurse should administer betamethasone 2 mL IM now and then again in 24 hr.

A nurse is calculating the IV flow rate for ampicillin. Available is ampicillin 500 mg in 0.9% NaCl 100 mL to run for 30 min. The nurse should administer how many mL/hr?

(Review the MAR. Round the answer to the nearest whole number.)



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

Time Spent: 00:04

Case studies

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



0.25

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Taskbar icons: Chrome, Edge, File Explorer, Microsoft Store, OneDrive, Word, PowerPoint, Outlook, Teams, Zoom, Slack, etc.

HP logo

Case studies

A nurse is calculating the dosage of magnesium sulfate IV by continuous infusion. Available is magnesium sulfate 20 g in D₅W 500 mL. The nurse should set the IV pump to deliver how many mL/hr?

(Review the MAR. Round the answer to the nearest whole number.)



50

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/hr =

