



**Tutorial:** Dosage Calculation and Safe Medication Administration 3.0

**Module:** Dosages by Weight

CLOSE

Time Spent: 00:18:30

Calculator

## Case studies

Close X

A nurse notes that a client's infusion of 0.9% sodium chloride (NaCl) is almost complete. The nurse recalculates the time the infusion will finish and should plan to hang the next bag of 0.9% NaCl at which of the following times?

(Review the MAR and flow sheet.)

A 0900

B 1000

C 1100

D 1200



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CLOSE

Time Spent: 00:03:34

Calculator

## Case studies

Close X

A nurse is calculating the dosage of nystatin. How many milliliters should the nurse administer?

(Review the MAR, flow sheet, and medication label.)



5



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**Module:** Dosages by Weight

CLOSE

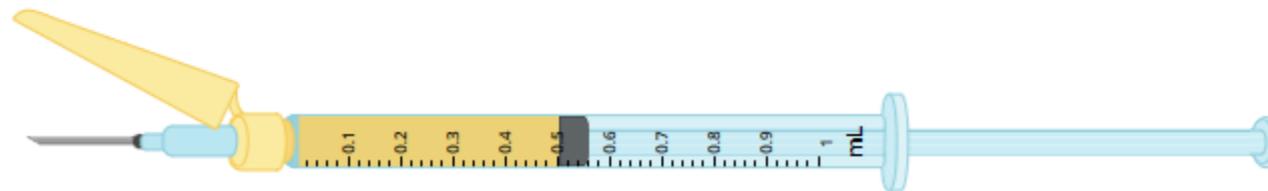
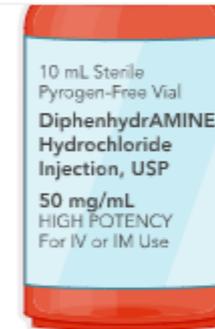
Time Spent: 00:04:56

Calculator

## Case studies

Close X

correct dose of the medication by dragging the syringe. Then click "Submit."



0.5



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CLOSE

Time Spent: 00:00:40

Calculator

## Case studies

Close X



A nurse is preparing to administer vancomycin 1 g via intermittent IV bolus. Available is vancomycin 1 g in 0.9% NaCl 250 mL. The nurse should set the IV pump to deliver how many mL/hr?

(Review the MAR and flow sheet. 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



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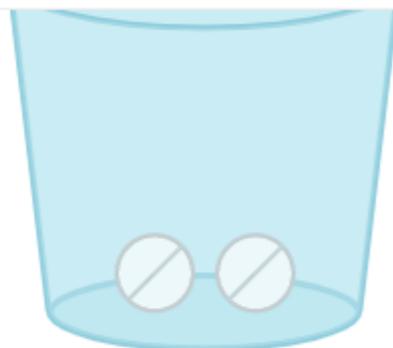
CLOSE

Time Spent: 00:14:40

Calculator

## Case studies

Close X



2



**Tutorial:** Dosage Calculation and Safe Medication Administration 3.0  
**Module:** Dosages by Weight

CLOSE

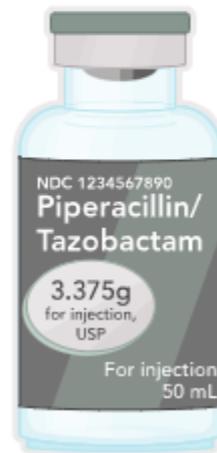
Time Spent: 00:02:14

Calculator

## Case studies

Close X

(Review the MAR, flow sheet, and medication label.)



100



**Tutorial:** Dosage Calculation and Safe Medication Administration 3.0  
**Module:** Dosages by Weight

CLOSE

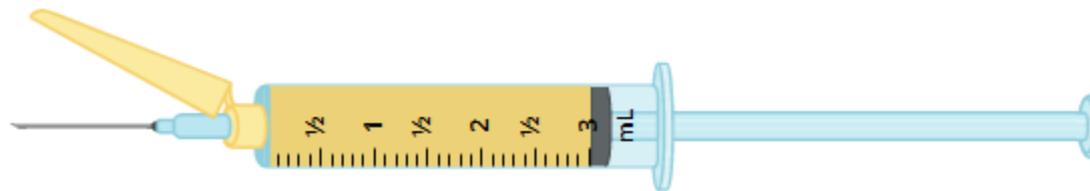
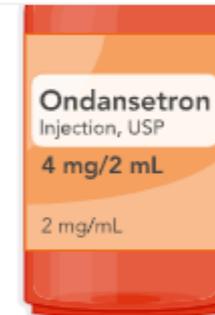
Time Spent: 00:10:52

Calculator

## Case studies

Close X

(REVIEW THE MAK, TIOW SHEET, AND MEDICATION LABEL. MEASURE THE CORRECT DOSE OF THE MEDICATION BY DRAGGING THE SYRINGE. THEN CLICK "SUBMIT.")



3



Tutorial: Dosage Calculation and Safe Medication Administration 3.0  
Module: Dosages by Weight

CLOSE

Time Spent: 00:03:19

Calculator

# Case studies

Close X

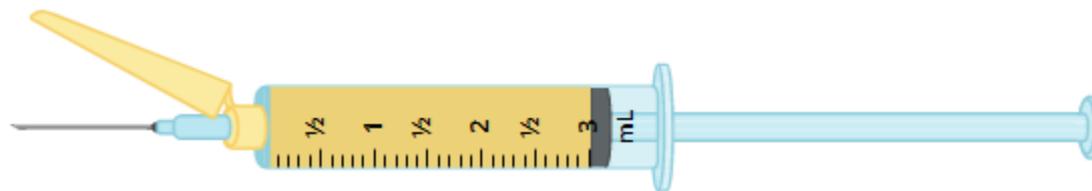
**CEFOTAXIME**  
FOR INJECTION, USP

1 g/10 mL

FOR IM OR IV USE  
Rx ONLY

Each vial contains sterile cefotaxime sodium equivalent to 1 g cefotaxime. The sodium content is approximately 50.5 mg (2.2 mEq) of sodium per gram cefotaxime.

Storage: Cefotaxime for injection in the dry state should be stored at 20° to 25° C (68 to 77° F) PROTECT FROM LIGHT.



3



**Tutorial:** Dosage Calculation and Safe Medication Administration 3.0

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CLOSE

Time Spent: 00:06:34

Calculator

## Case studies

Close X



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.)



68.2

### 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 equation.)

$X \text{ kg} =$