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ATI: Dosage Calculations and Safe Medication Administration 3.0 Case Studies: AIDS N431

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.)

✓ 49.1

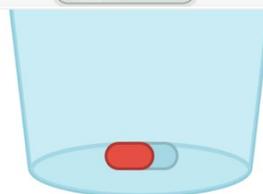
Step 1

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 =

A nurse is calculating the dosage of atazanavir. How many capsules should the nurse administer?

(Review the MAR and medication label. Move the number of capsules the nurse should administer into the medication cup. Then click "Submit.")



✓ 1

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



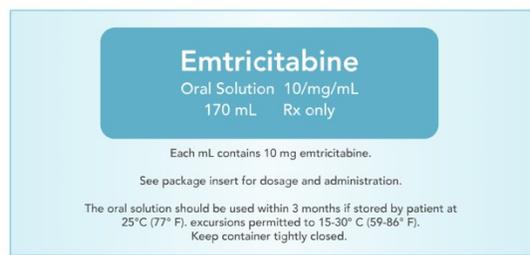
✓ 1.3

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



✓ 15

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

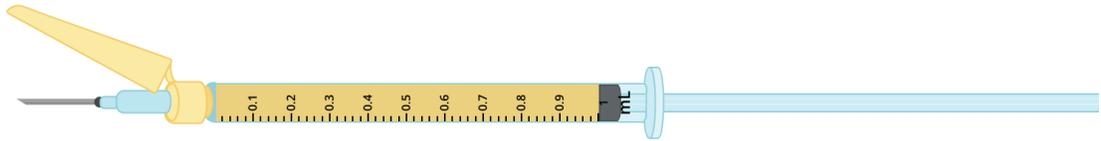


✓ 20

11es

Enfuvirtide
for injection
90 mg/mL

Single-Use Vial
Each contains 108 mg of enfuvirtide to provide delivery of 90 mg.
For subcutaneous use after reconstitution.
Store at 25°C (77° F) before reconstitution. (see package insert.)
Usual dosage: See insert.
Reconstitute with 1 mL Sterile Water
Use immediately.



1

Case studies

Close X

- A Mix with 0.9% NaCl.
- B Use immediately.
- C Dilute with 2 mL fluid.
- D Final dilution is 90 mg/mL.
- E Store at 25° C (77° F) before mixing.
- F Use for subcutaneous injection.