

Name \_\_\_\_\_

Date \_\_\_\_\_

ACCEPTABLE SCORE 19

YOUR SCORE \_\_\_\_\_

# POSTTEST 1



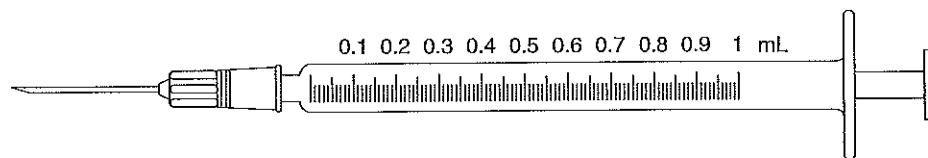
**Directions:** The medication order is listed at the beginning of each problem. Calculate the parenteral doses. Show your work. Shade the syringe when provided to indicate the correct dose.

- The physician orders Vistaril 25 mg IM three times a day q6 h prn to enhance the effects of pain medication for your patient with a thyroidectomy. How many milliliters will you administer? \_\_\_\_\_

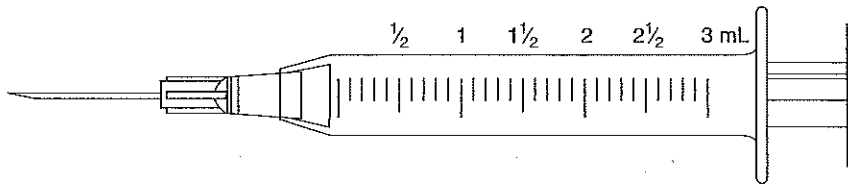
<p><b>FOR INTRAMUSCULAR USE ONLY.</b>  <b>USUAL ADULT DOSE:</b> Intramuscularly, 25-100 mg stat; repeat every 4 to 6 hours, as needed.                  See accompanying prescribing information.                  Each mL contains 50 mg of hydroxyzine hydrochloride, 0.5% benzyl alcohol and sodium hydroxide to adjust to optimum pH.                  To avoid discoloration, protect from prolonged exposure to light.</p> <p><b>Rx only</b></p>	<p>10 mL      NDC 0549-5469-74</p> <p><b>Vistaril®</b>                  (hydroxyzine hydrochloride)                  Intramuscular Solution</p> <p><b>50 mg/mL</b></p> <p><b>Roerig</b>                  Division of Pfizer Inc., NY, NY 10017</p>	<p>Store below 86°F (30°C).                  PROTECT FROM FREEZING.</p> <p>PATIENT: _____</p> <p>ROOM NO.: _____</p> <p>05-1111-32-4                  MADE IN USA</p> <p style="font-size: 2em; border: 1px solid black; padding: 2px;">9249</p>
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- Your patient with a septoplasty complains of nausea and has promethazine 25 mg IM four times a day ordered. How many milliliters will you administer? \_\_\_\_\_

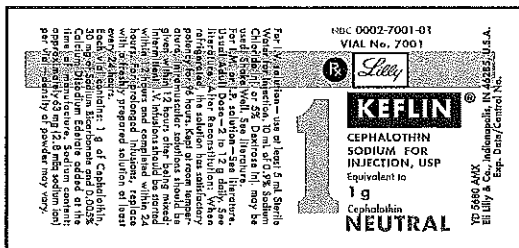
<p>25 DOSETTE® AMPULS      Each co</p> <p>NDC 0641-1496-35</p> <p><b>PROMETHAZINE</b>                  HCl INJECTION, USP</p> <p><b>50 mg/mL</b></p> <p><b>FOR DEEP INTRAMUSCULAR USE ONLY</b></p> <p>Each mL contains promethazine hydrochloride 50 mg, edetate disodium 0.1 mg, calcium chloride 0.04 mg, sodium metabisulfite 0.25 mg and phenol 5 mg in Water for Injection, pH 4.0-5.5; buffered with acetic acid-sodium acetate. Sealed under nitrogen. <b>USUAL DOSAGE:</b> See package insert. <b>PROTECT FROM LIGHT:</b> Keep covered in carton until time of use. Store at 15°-30°C (59°-86°F).  <b>DO NOT USE IF SOLUTION HAS DEVELOPED COLOR OR CONTAINS A PRECIPITATE.</b>                  To open ampuls, ignore color line; break at constriction.                  Caution: Federal law prohibits dispensing without prescription.                  Product Code: 1496-35      B-51496d</p>	<p>Each co</p>
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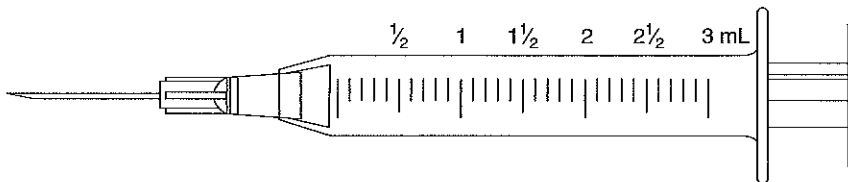
3. Your patient who has undergone tympanomastoidectomy complains of pain and has codeine 30 mg IM q2 h prn ordered. Codeine is supplied in a 1-mL ampule containing gr  $\frac{1}{4}$ . How many milliliters will you administer? \_\_\_\_\_



4. The physician orders Keflin 500 mg IM q6 h for your patient with a *Klebsiella* infection. Keflin 1 g/10 mL is available. How many milliliters will you administer? \_\_\_\_\_



5. Your patient, who has undergone medullary carcinoma excision, has hydrocortisone 50 mg IM twice a day ordered. You have hydrocortisone 100 mg/2 mL available. How many milliliters will you administer? \_\_\_\_\_

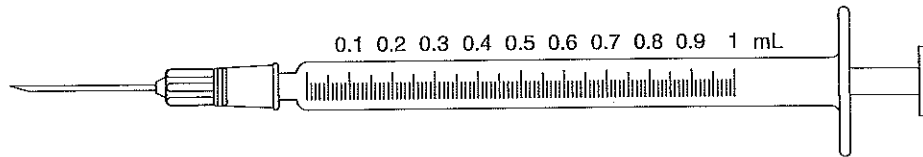
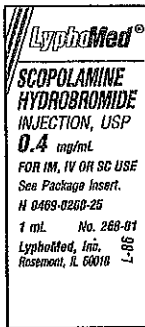


6. The physician orders Dilaudid 0.5 mg IM q4 h prn. How many milliliters will the nurse administer? \_\_\_\_\_

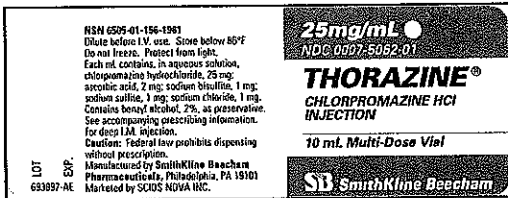


7. Mr. Harrison has Toradol 15 mg IM ordered q6 h for pain after a hip replacement. A prefilled syringe with Toradol 30 mg/mL is available. How many milliliters will the nurse administer? \_\_\_\_\_

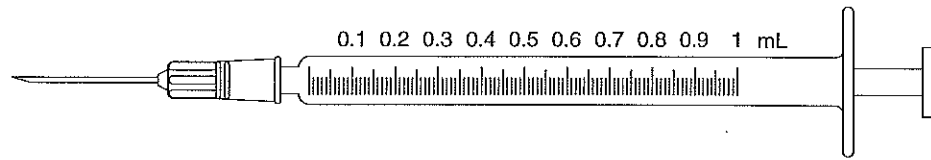
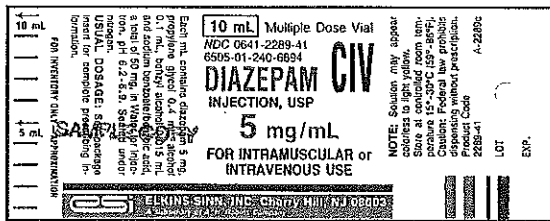
8. The physician orders scopolamine gr  $\frac{1}{300}$  IM at 0600 before surgery. How many milliliters will the nurse administer? \_\_\_\_\_



9. The physician orders Thorazine 100 mg IM stat. Thorazine is supplied in a 10-mL vial containing 25 mg/mL. How many milliliters will the nurse administer? \_\_\_\_\_

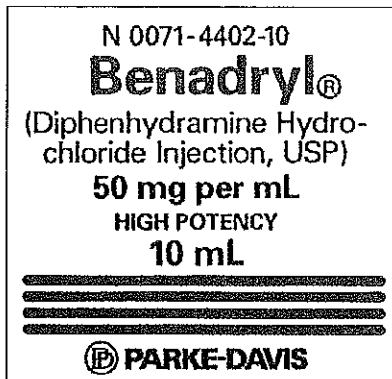


10. Your severely agitated patient has diazepam 2 mg IM q6 h prn ordered. How many milliliters will you administer? \_\_\_\_\_

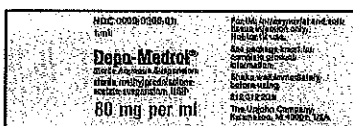


11. Atropine 0.7 mg IM stat is ordered for your patient before surgery. You have atropine gr  $\frac{1}{120}$ /mL. How many milliliters will you administer? \_\_\_\_\_

12. Your patient with a medication reaction complains of pruritus and has Benadryl 25 mg IM prn ordered. You have Benadryl 50 mg/mL available. How many milliliters will you administer? \_\_\_\_\_



13. The physician orders Depo-Medrol 50 mg IM twice a day. How many milliliters will the nurse administer? \_\_\_\_\_

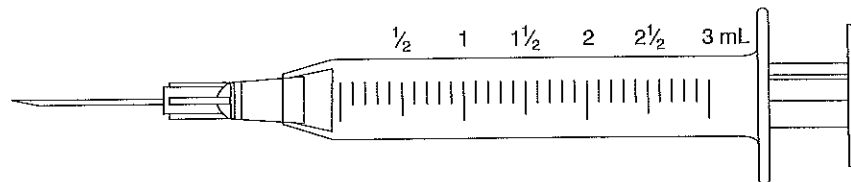


14. The physician orders ampicillin 500 mg IM q4 h for a patient who has undergone lumbar laminectomy. How many milliliters will the nurse administer? \_\_\_\_\_

NDC 0015-7403-20  
NSN 6505-00-946-4700  
EQUIVALENT TO  
**500 mg AMPICILLIN**  
**STERILE AMPICILLIN**  
**SODIUM, USP**  
For IM or IV Use  
CAUTION: Federal law prohibits dispensing without prescription.

For IM use, add 1.8 mL diluent (read accompanying circular). Resulting solution contains 250 mg ampicillin per mL. Use solution within 1 hour. This vial contains ampicillin sodium equivalent to 500 mg ampicillin. Usual Dosage: Adults—250 to 500 mg IM q. 4h.  
**READ ACCOMPANYING CIRCULAR** for detailed indications, IM or IV dosage and precautions.  
APOTHECON<sup>®</sup>  
A Bristol-Myers Squibb Company  
Princeton, NJ 08540 USA 740320DRL-2

Cont. \_\_\_\_\_  
Exp. Date: \_\_\_\_\_



15. The physician orders Ancef 300 mg IV q8 h. You have Ancef 1 g/50 mL vial available. How many milliliters will you administer? \_\_\_\_\_

16. The physician orders morphine 6 mg IM q3 h prn. How many milliliters will the nurse administer? \_\_\_\_\_

LOT \_\_\_\_\_  
EXP. \_\_\_\_\_

**LIGHT SENSITIVE: Keep covered in carton until time of use. To open—cut seal along dotted line.**

25 DOSETTE<sup>®</sup> Vials  
Each contains 1 mL  
**MORPHINE CII**  
SULFATE INJECTION, USP  
**10 mg/mL**

WARNING: May be habit forming.  
FOR SC, IM OR SLOW IV USE  
NOT FOR EPIDURAL OR INTRATHECAL USE  
PROTECT FROM LIGHT — Store at 15°-30°C (59°-86°F). Avoid freezing.  
USUAL DOSAGE: See package insert.

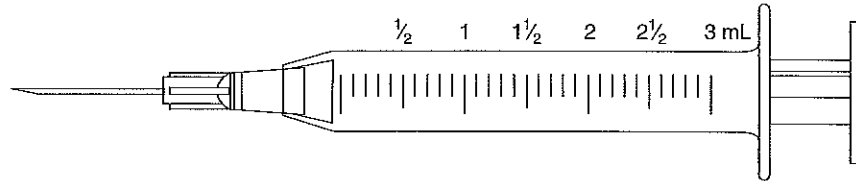
NDC 0641-0180-25  
Each mL contains morphine sulfate 10 mg, monobasic sodium phosphate, monohydrate 10 mg, dibasic sodium phosphate, anhydrous 2.8 mg, sodium formaldehyde sulfoxylate 3 mg and phenol 2.5 mg in Water for Injection, pH 2.8-6.5; sulfuric acid added, if needed, for pH adjustment. Sealed under nitrogen. NOTE: Do not use if color is darker than pale yellow, if it is discolored in any other way or if it contains a precipitate. Caution: Federal law prohibits dispensing without prescription. Code: 0180-25 B-50180h

ND C3-0641-0180-25-8

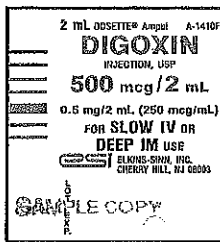
ELKINS-SINN, INC. CHERRY HILL, NJ 08033-4099

17. The physician orders dexamethasone 6 mg IM stat. You have dexamethasone 10 mg/mL. How many milliliters will you administer? \_\_\_\_\_

18. Your patient with congestive heart failure has furosemide 20 mg IV daily ordered. How many milliliters will you administer? \_\_\_\_\_



19. The physician orders digoxin 0.3 mg IM now. How many milliliters will the nurse administer? \_\_\_\_\_



20. Mrs. Joyce has verapamil 5 mg IV bolus ordered to be given over 2 minutes now for dysrhythmia. Verapamil 2.5 mg/mL is supplied. How many milliliters will Mrs. Joyce receive? \_\_\_\_\_

Answers on pp. 536-539.