

Medication Worksheet N321

**Name: Cory Coffman**

(each worth 1 point)

50 mcg = 0.05 mg

1000 mg = 1 g

0.03 g = 30 mg

1 g = 1000 mg

1 fl oz = 30 mL

1 tbsp = 15 mL

1 tsp = 5 mL

30 mL = 1 fl oz

3 tsp = 15 mL

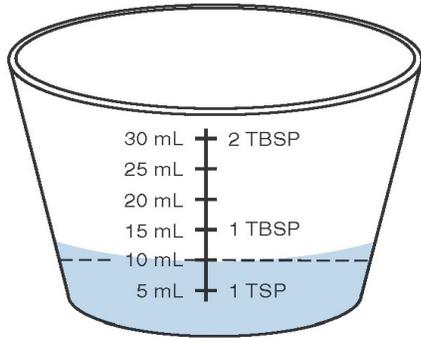
1 L = 1000 mL

(Each problem worth 2 points)

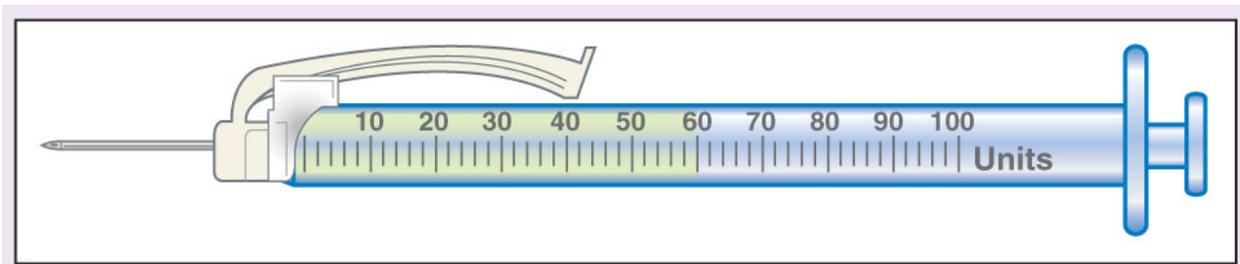


1. The provider orders Digoxin elixir 0.25 mg BID. Using the picture, how many mLs will be given with each dose? (round to whole number if needed)

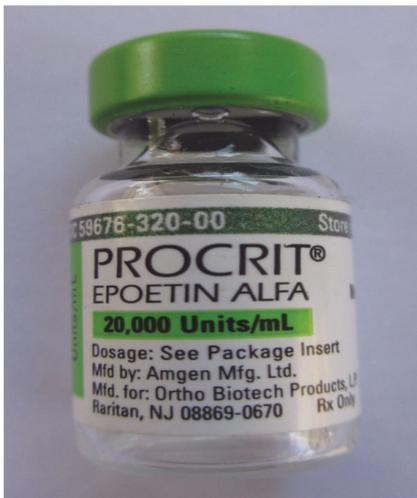
-  $0.25/0.125 \times 2.5 = 5 \text{ mL}$



2. Using the picture above, how many teaspoons will you be giving? **2 tsp**



3. The provider orders Regular insulin of 56 units. The nurse draws insulin in the syringe. According to the picture, is the insulin drawn up correctly? **No, the syringe currently has 60 units drawn up.**



4. The provider orders Epoetin 8000 units subq on Tuesday, Thursday & Saturday. How much will be drawn using the picture above per dose? (Round to nearest tenth if needed)
- $8,000/20,000 \times 1 = 0.4$  units



5. The provider orders intravenous fluids for 6 hours. The picture above is your bag of fluids to be hung. How many mL/hr will you run this order? (Round to the nearest tenth if needed)

-  $500 \text{ mL} / 6 \text{ hr} = 83.3 \text{ mL/hr}$



6. The provider Orders the fluids above to run at 50mL/hr.
- How long will bag run in hours:  $500/50 = 10 \text{ hours}$
  - If the bag started at 0800 what time, will the infusion be complete? (Military time)

-  $0800 + 10 = 18:00 \text{ pm}$



7. Provider orders Cubicin 500 mg to run in 30 min. Using the picture above, what mL/hr should be set? (Round to the tenth if needed)
- 100 mL in 500 mg of cubicin? So  $100/30 = 3.3$  mL/hr??



8. The provider orders furosemide 20 mg IV BID. Using the picture how many mL will need to be drawn up per dose?
- $20/40 \times 4 = 2$  mL



9. The provider orders ondansetron 4mg TID (3). How many mg will you give in a 24 hour period?

-  $4 \times 3 = 12 \text{ mg}$

<p><b>NDC 0517-1130-05</b> <b>EPINEPHRINE</b> INJECTION, USP <b>1:1000 (1 mg/mL)</b> <b>30 mL</b> MULTIPLE DOSE VIAL FOR SC AND IM USE. FOR IV AND IC USE AFTER DILUTION. <b>Rx Only</b> AMERICAN REGENT, INC. SHIRLEY, NY 11967</p>	<p>Each mL contains: Epinephrine 1 mg (as the Hydrochloride), Water for Injection q.s. Sodium Chloride added for isotonicity, Chlorobutanol 0.5% as a preservative and Sodium Metabisulfite not more than 0.15% as an antioxidant. pH adjusted with Sodium Hydroxide and/or Hydrochloric Acid. <b>PROTECT FROM LIGHT.</b> Store at controlled room temperature up to 25°C (77°F) (See USP). Directions for Use: See Package Insert. Rev. 9/03</p>	<p>Lot / Exp.</p> 
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10. The provider orders 1 mg epinephrine. How many mL will be drawn up per dose? (Round to whole number if needed)

- 30 mL

ROUND ORANGE  
TABLET  
Side 1: 029  
Side 2: R

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This Drug May  
Impair The Ability  
To Drive Or Operate  
Machinery. Use Care  
Until You Become  
Familiar With Its  
Effects.

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Do Not Take Other  
Medicines Without  
Checking With Your  
Doctor Or  
Pharmacist.

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**CALVIN MATHER**  
353 SUWANEE AVE SARASOTA, FL 34243

DATE: 07/09/11

**ALPRAZOLAM 0.5MG TABLETS**  
MFG ACTAVIS - SUBSTITUTED FOR XANAX 0.5MG TABLETS  
**TAKE 1 TABLET BY MOUTH  
UP TO 3 TIMES DAILY**

WIC#957754 Patent Pending



RX **0493567-64430**

EXPIRATION DATE 07/09/12

QTY **90**  
NO REFILLS - DR. AUTH REQUIRED



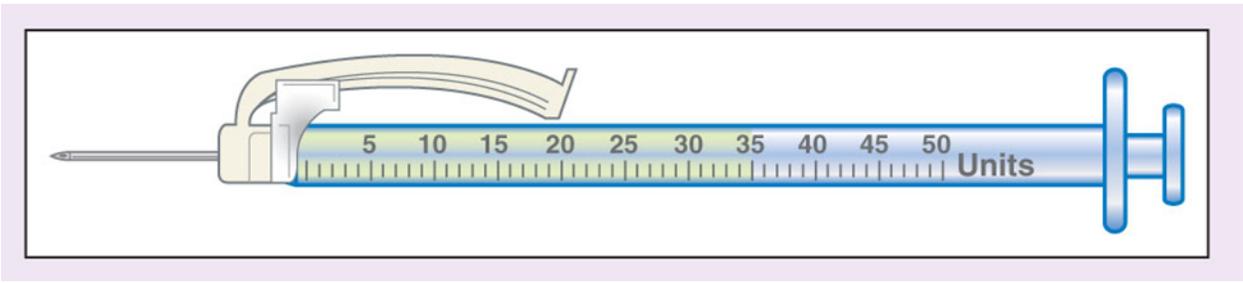
3535 N TAMiami TRAIL, SARASOTA, FL 34234

**(941) 360-3474**

QXN/YAK/YAK/YAK  
CAUTION: FEDERAL LAW PROHIBITS THE TRANSFER OF THIS DRUG TO  
ANY PERSON OTHER THAN THE PATIENT OR WHOM IT WAS PRESCRIBED - RX ONL.



11. According to this drug label answer the questions:
- a. When is the discard date? 07/09/12
  - b. The imprint is on medications to identify, see example below, what is this medication imprint using above picture? Identifying "Round, Orange tablet"



12. The provider orders 25 units of regular insulin and 10 units of NPH insulin. How much would you draw up into the syringe? 35 units



13. The provider orders this bag to be hung for 6 hours using a drip rate of 10 gtt/mL. How many gtt/min would the pump be set? (Round to the whole number if needed)  $60 \times 6 = 360 \text{ min}$

-  $500/360 \times 10 = 14 \text{ gtt/min}$



14. The provider orders 0.45% to be given over 12 hours using a drip rate of 20gtts/mL. The infusion pump will be set at how many gtt/min? (Round to the whole number)  $60 \times 12 = 720 \text{ min}$

-  $1000/720 \times 20 = 28 \text{ gtt/min}$



15. The provider orders 2g IM. The nurse reconstitutes a 1g vial of cefazolin with sterile water to yield a final concentration of 330 mg/ mL. How many mL should the nurse administer? (Round to the whole number if needed) 1 g = 1000 mg

-  $2000/330 \times 1 = 6 \text{ mL}$



16. The provider orders Tobramycin 4mg/kg/dose. The picture is what you have on hand. How many mL is needed to give? Weight is 60 kg. (round to whole number if needed)

-  $4 \times 60 = 240; 240/20 = 12 \text{ mL}$



17. Provider orders 10 mg/kg of Acyclovir. The patient weighs 121 lbs. How many mL will you administer per dose? (Round to the whole number if needed)  $121/2.2 = 55$  kg

-  $500/20 = 25 = 2$  mL



18. Provider orders Heparin 50 units/kg/dose subcutaneous daily. The patient weighs 93 kg. What you have on hand is the picture above. How many mL/dose will you administer?

-  $93/100 = 0.93$  mL/dose

Blood glucose (mg/dL)	Insulin (units)
61-150	0
151-200	3
201-250	5
251-300	8
301-350	10
351-400	12
>400	15 <sup>a</sup>

<sup>a</sup>Physician should be contacted.

19. According to this chart. The client's blood sugar is 404 mg/dl. What is the next step?

- Administer 15 units of insulin and contact the physician



20. The provider orders 1L of 0.9 NS to run over 10 hours. How many mL/hr will the infusion pump be set? (Round to the tenth if needed) 1L = 1000 mL

- $1000/10 = 100 \text{ mL/hr}$

21. The client had 8oz of water, 4 oz of juice, 500 mL of 0.9 NS, and 4oz of coffee. How much intake do you record?

- $240 \text{ mL} + 120 \text{ mL} + 500 \text{ mL} + 120 \text{ mL} = 980 \text{ mL}$



22. The patient received 500 mL of lactated ringers. How many Liters did the patient receive?  
-  $500/1000 = 0.5 \text{ L}$



23. The physician writes an order to administer a Synthroid. The order says: "Administer 0.5 mg by mouth daily". How many tablets do you administer per dose?  $125 \text{ mcg} = 0.125 \text{ mg}$   
-  $0.125 \times 4 = 0.5 \text{ mg} = 4 \text{ tablets}$

See Package Insert for Complete Prescribing Information.  
 Store at Controlled Room Temperature 15°-30°C (59°-86°F).

**PROTECT FROM MOISTURE  
 PROTECT FROM LIGHT**

Dispense in a tight, light-resistant container as defined in the USP/NF.

**TABLETS IDENTIFIED**  
**54 583**

**NDC 0054-4299-25** 100 Tablets

**40 mg**

**FUROSEMIDE**  
**Tablets USP**

Each tablet contains Furosemide 40 mg.  
 Rx only

**Roxane**  
 Laboratories, Inc.  
 Columbus, Ohio 43216

LOT  
 EXP.

4167101  
 050

3 0054-4299-25 1

24. The provider orders 20mg PO of furosemide BID. Using the picture, how many tablets will you give?

- 1 tab (because 1 tab is 40 mg)

NDC 0002-4115-60  
 60 Tablets No. 4115

**ZyPREXA**  
 Olanzapine  
 Tablets

**5 mg**

Do not use if neck wrap or inner seal is broken.

**Rx only**

zyprexa.com *Lilly*

Eli Lilly and Company  
 Indianapolis, IN 46285, USA  
 WWW 4424 AMX  
 Expiration Date/Control No.

Keep tightly closed.  
 Store at controlled room temperature, 20° to 25°C (68° to 77°F) [see USP].  
 See accompanying literature for dosage.  
 Dispense in a tight, light-resistant container.

3 0002-4115-60 6

25. The provider orders Zyprexa 10 mg PO once a day. Using the picture, how many tablets will you give?

- You would give 2 tablets (Because 1 tablet only equals 5 mg)