Kati Davis

Medication Worksheet N321

(each worth 1 point)

50 mcg = 0.05 mg

1000 mg = 1 g

0.03 g = 300 mg

1 g = 1000 mg

1 fl oz = 30 mL

1 tbsp = 15 mL

1 tsp = 5 mL

30 mL = 1 fl oz

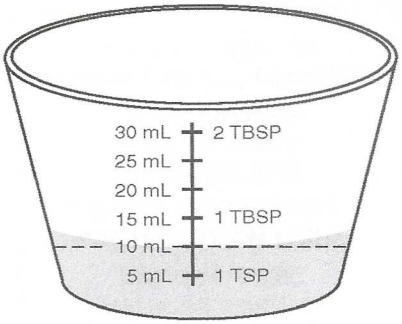
3 tsp = 15 mL

1L= 1000 mL

(Each problem worth 2 points)

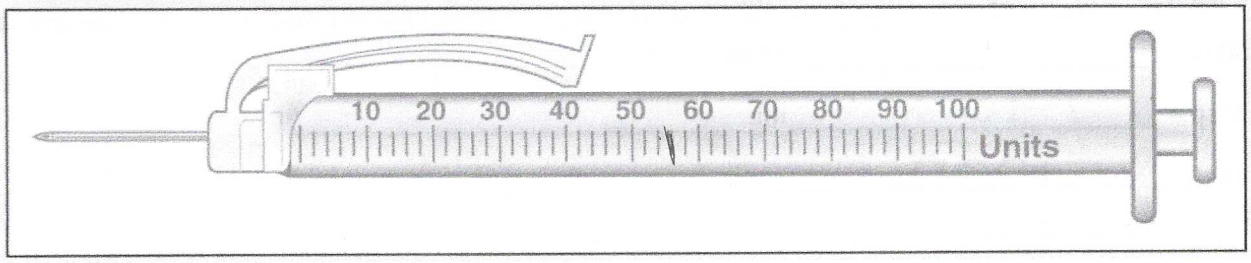
1. The provider orders Digoxin elixir 0.25 mg BID. Using the picture, how many mLs will be given with each dose? (round to whole number if needed)

$$\frac{0.125\text{ mg}}{2.5\text{ mL}} \quad \frac{.25}{?\text{ mL}} = 5\text{ mL}$$




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, this is 60 units

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)

$$\frac{20{,}000 \text{ units}}{1 \text{ mL}} \quad \frac{8{,}000}{? \text{ mL}} = \boxed{0.4 \text{ mL}}$$

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)

500mL ÷ 6 hrs = 83.3 mL/hr

6. The provider Orders the fluids above to run at 50mL/hr.
   a. How long will bag run in hours
   b. If bag started at 0800 what time, will infusion be complete? (Military time)

a. $\frac{50\text{ mL}}{\text{hr}}$ $\frac{500\text{mL}}{?\text{s}}$ = 10 hrs

b. 1800 = 6 pm

7. Provider orders Cubicin 500 mg to run in 30 min. Using picture above what mL/hr should be set?

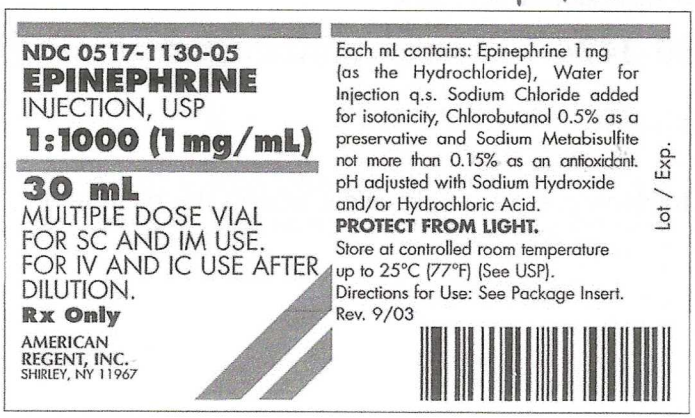
$$\frac{100\text{mL}}{0.5\text{ hrs}} = \boxed{200\text{mL/hr}}$$

8. The provider orders furosemide 20 mg IV BID. Using the picture how many mL will need to be drawn up per dose?

$$\frac{10\text{ mg}}{1\text{ mL}} = \frac{20\text{ mg}}{?} = \boxed{2\text{ mL}}$$

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

$\frac{2\text{ mg}}{1\text{ mL}}$ $\frac{4\text{ mg}}{2\text{ mL}} \times 3 = \boxed{6\text{ mL}}$




10. The provider orders 1mg epinephrine. How many mL will be drawn up per dose?

$\frac{1\text{ mg}}{1\text{ mL}} \longrightarrow \boxed{1\text{ mL}}$

ROUND ORANGE
TABLET
Side 1: 029
Side 2: R

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

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

**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**

Walgreens

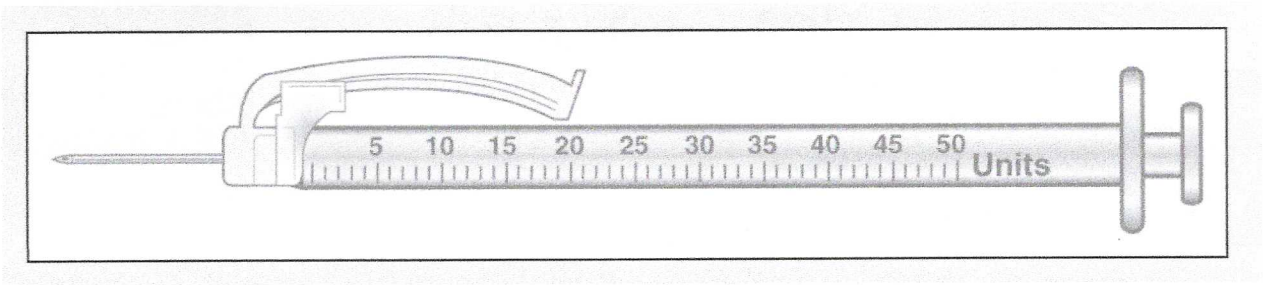
**3535 N TAMIAMI TRAIL, SARASOTA, FL 34234**

QXN/YAK/YAK/YAK

**(941) 360-3474**

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

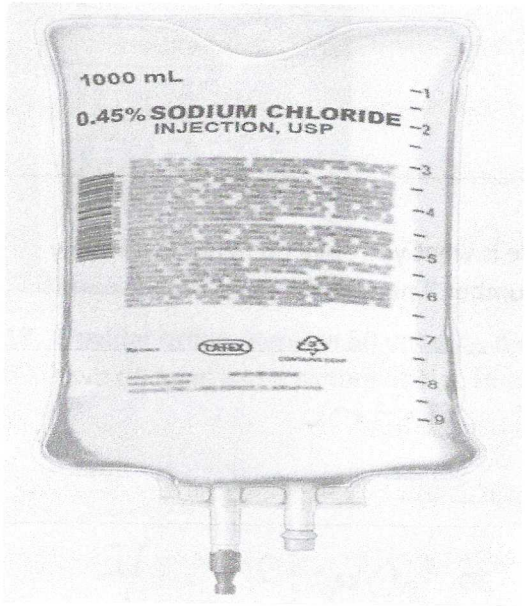
11. According to this drug label answer the questions?
    a. When is the discard date? 9 July 2012
    b. The imprint is on medications to identify, see example below, what is this medication imprint using above picture? Side 1: 029
       Side 2: R




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 gtts/mL. How many gtt/min would the pump be set? (Round to the whole number)

$\frac{500\text{ mL}}{360\text{ mins}} \times 10\text{ gtts} = \boxed{14\text{ gtts/min}}$




14. The provider order 0.45 to be given over 12 hours using a drip rate of 20gtts/mL. The infusion pump will be set at how many gtts/min? (Round to the whole number)

$\frac{1000\text{mL}}{720} \times 20\text{gtts} = \boxed{28\text{ gtts/min}}$

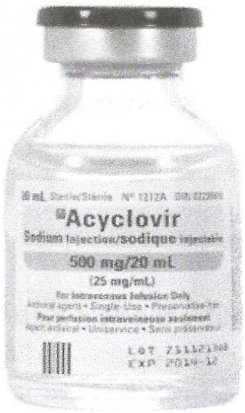
15. The provider orders 1g IM. The nurse reconstitutes a 1g vial of cefazolin with sterile water to yield a final concentration of 330 mg/ mL. How many mL should the nurse administer? (Round to the whole number)

$\frac{330mg}{1mL} \quad \frac{1000mg}{?mL} = \boxed{3mL}$

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

$\frac{10\ mg}{1\ mL} \quad \frac{4mg}{?} = 0.4mL$

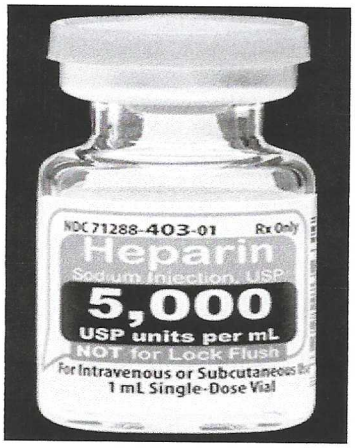
$0.4mL * 60kg = \boxed{24\ mL}$




17. Provider orders 10 mg/kg of Acyclovir. The patient weighs ~~121 lbs~~ 55 kg. How many mL will you administer per dose? (Round

$\frac{10\text{ mg}}{1\text{ kg}} \quad \frac{?}{55\text{ kg}} = \frac{550\text{ mg}}{?} \quad \frac{500}{20\text{ mL}}$

$\boxed{22\text{ mL}}$




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?

50 units to 93 kg = 4650

$\frac{5{,}000\text{ units}}{1\text{ mL}} \quad \frac{4650}{?}$

$= \boxed{0.93\text{ mL}}$

| 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[a] |

[a]Physician should be contacted.

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

Give 15 units of insulin and contact 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?

$$\frac{1000\,mL}{10\,hrs} = \boxed{100\,mL/hr}$$

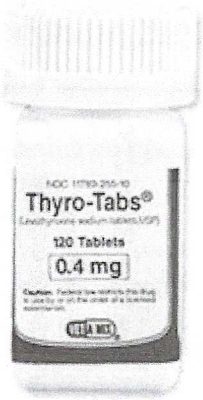
21. The client had ~~8oz of water~~, 4 oz of juice, 500 mL of 0.9 NS, and 4oz of coffee. How much intake do you record?

240mL
120mL
500mL
120mL

$\boxed{980\,mL}$

22. The patient received 500 mL of lactated ringers. How many Liters did the patient receive?

$$\frac{1\ L}{1000\ mL} \quad \frac{?}{500\ mL} = \boxed{0.5\ L}$$



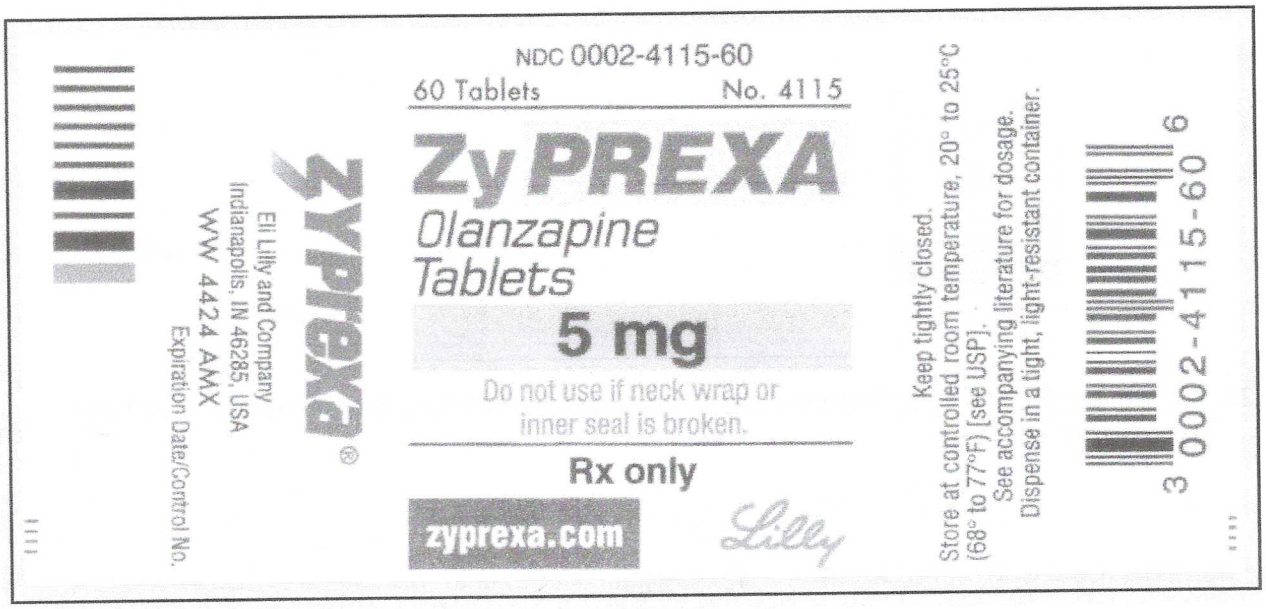

23. A client is ordered 0.4 mg Thyroxine. Each tablet contains 200 mcg. How many tablets will you administer?

$$\frac{200\ mcg}{1\ tab} \quad \frac{400\ mcg}{?} = \boxed{2\ tabs}$$

$$\frac{1\ mcg}{0.001\ mg} \quad \frac{400\ mcg}{0.4\ mg}$$

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

$\frac{1 \text{ tab}}{40 \text{mg}} \quad \frac{?}{20 \text{mg}} = \boxed{0.5 \text{ tab}}$




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

$\frac{5 \text{mg}}{1 \text{ tab}} \quad \frac{10 \text{mg}}{?} = \boxed{2 \text{ tablets}}$