

Student: \_\_\_\_\_

## **Davis's Drug Guide Scavenger Hunt #1 – 18<sup>th</sup> Edition**

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***This handout is designed to assist you in locating information in the Davis's Drug Guide. Take advantage of the many resources in this text.***

**Locate the page or appendix of the following:**

1. Insulins and Insulin therapy: \_\_\_\_\_
2. Information on medication errors and patient safety: \_\_\_\_\_
3. Drug Classifications: \_\_\_\_\_
4. Adult and Pediatric Immunization information: \_\_\_\_\_
5. Pharmacokinetic topics and definitions: \_\_\_\_\_
6. Natural/Herbal products: \_\_\_\_\_
7. How is the medication portion of the drug guide designed to make it easier for drug location? \_\_\_\_\_
8. Locate the reference for Drugs Associated with Increased Risk of Falls in the Elderly:  
\_\_\_\_\_
9. If you were giving medications through a G-tube, where would you locate the 2-page list of DO NOT CRUSH medications? \_\_\_\_\_

**Morphine: Which heading/headings in the morphine profile provide(s) information about the following:**

1. Onset, peak, duration of the drug: \_\_\_\_\_
2. How to prepare the drug for IV administration: \_\_\_\_\_
3. Drug-to-drug interactions: \_\_\_\_\_
4. Administration purpose of morphine: \_\_\_\_\_
5. Drug IV compatibilities/incompatibilities: \_\_\_\_\_
6. What to monitor during administration: \_\_\_\_\_
7. Where to locate the ordered dose appropriate for the patient's age/weight: \_\_\_\_\_
8. Respiratory depression information (list all headings that apply): \_\_\_\_\_

**Answer the following questions as they relate to the specific drug listed:**

1. **pantoprazole: (IV push):** How will you reconstitute the Protonix vial for IVP administration? \_\_\_\_\_  
What is the rate for IV push pantoprazole? \_\_\_\_\_

2. **potassium chloride: Continuous infusion:** What is the dilution requirement for this high-alert medication? \_\_\_\_\_

**Peripheral IV line limit:** \_\_\_\_\_

**Central IV line limit:** \_\_\_\_\_

3. **hydromorphone: Y-site compatibility:** List 2 third-generation cephalosporins that are Y-site compatible with hydromorphone.

\_\_\_\_\_

4. **lorazepam: (IV push):** What are the specific dilution instructions for administering this drug by the IV push route?

\_\_\_\_\_

5. **heparin: (loading dose):** How will you administer a loading dose of this drug? Be specific: \_\_\_\_\_

**Research the following:**

1. Your patient is ordered methylprednisolone IV push 40 mg every morning. According to the *Davis Drug Guide*, answer the following:

a. Reconstitute with: \_\_\_\_\_

b. Your patient is receiving sodium bicarbonate by continuous infusion. Is methylprednisolone Y-site compatible? \_\_\_\_\_

2. What common primary IV solution is NOT compatible with phenytoin?

\_\_\_\_\_

3. A medical/surgical patient has been admitted with Congestive Heart Failure (CHF). The patient has a primary IV bag of D5 ½ NSS with 20 mEq of KCL infusing at 80 mL/hr. The patient is also receiving furosemide IV drip (connected to the IVPB port of the primary IV) infusing at 10 mL/hr. The patient is complaining of nausea/vomiting and is ordered ondansetron 4 mg IV push.

a. What drugs are infusing through the same IV tubing in question 3?

\_\_\_\_\_

- b. Are there any compatibility issues with giving IV push ondansetron with the combination of drugs in question “a”? If so, be specific:
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Utilize *Davis’s Drug Guide* to research the compatibility of the following drug combinations in an IV line.

Answer Yes or No to the following combinations of drugs.

1. Morphine IV and lorazepam IV \_\_\_\_\_
2. Insulin, regular IV and diphenhydramine IV \_\_\_\_\_
3. Digoxin IV and sodium bicarbonate IV \_\_\_\_\_
4. Ondansetron IV and magnesium sulfate IV \_\_\_\_\_
5. Potassium chloride IV and hydralazine IV \_\_\_\_\_

Locate 2 drugs from *Davis’s Drug Guide* that are listed as *high alert* and explain why:

1. \_\_\_\_\_
2. \_\_\_\_\_

**CORTICOSTEROIDS:**

1. List the 4 different routes for this group of drugs:  
\_\_\_\_\_
2. If you were giving a corticosteroid by the IV route, which route section would you research?  
\_\_\_\_\_
3. If you were giving fluticasone, which route section would you research?  
\_\_\_\_\_

**INSULINS:**

1. What is the difference in **duration** between regular insulin subcutaneous and regular insulin IV?  
\_\_\_\_\_
2. List the 2 types of insulin glargine and the concentration availability of each one:  
\_\_\_\_\_
3. List 2 insulins that may be mixed with NPH insulin in the same syringe:  
\_\_\_\_\_

4. When mixing NPH with one of the insulins listed above, which one should be withdrawn in the syringe first?

\_\_\_\_\_

5. What 2 insulins make up Novolog Mix 70/30?

\_\_\_\_\_

6. Why would detemir insulin NOT be used for a sliding-scale or coverage insulin?

\_\_\_\_\_

**MISCELLANEOUS:**

1. What is the only subcutaneous site for enoxaparin?

\_\_\_\_\_

2. When the nurse is administering morphine or hydromorphone by IV push, what is the common diluent instruction for these 2 medications?

\_\_\_\_\_

3. The patient has been ordered an aminoglycoside IVPB every 8 hr, and a cephalosporin every 12 hr.

a. List 2 aminoglycosides that require a peak and trough to monitor blood levels during therapy. \_\_\_\_\_

b. What are the 2 restrictions when administering an aminoglycoside and a cephalosporin concurrently? \_\_\_\_\_

4. Why does a patient taking metformin need B12 and folic acid monitored every 1–2 years?

\_\_\_\_\_

5. What is the most common GI adverse reaction/side effect of narcotics?

\_\_\_\_\_

**HEPARIN:**

1. A patient has been admitted with a venous thromboembolism in the left calf. They have been ordered a continuous heparin IV infusion. Answer the following questions regarding this patient.
  - a. How often should the aPTT level be monitored during early therapy?  
\_\_\_\_\_
  - b. What is the desired outcome of the aPTT level without signs of hemorrhage?  
\_\_\_\_\_
  - c. What is the antidote for heparin in case of toxicity/overdose?  
\_\_\_\_\_
  - d. The patient has been ordered 25,000 units of heparin in a 500-mL bag of D5W to infuse at 1000 units/hr. How many mL/hr will the nurse set the IV pump?  
\_\_\_\_\_

**ANTIHYPERTENSIVES:**

1. The nurse is giving a patient metoprolol PO for hypertension. Their blood pressure is 134/75.
  - a. What is the heart rate parameter for the administration of PO metoprolol?  
\_\_\_\_\_
2. A patient is ordered the calcium channel blocker, diltiazem. The medication order is for 90 mg once daily.
  - a. This patient has difficulty swallowing. Can this pill be crushed? If not, why?  
\_\_\_\_\_
3. A patient is ordered valsartan.
  - a. What is the pharmacologic class of this drug?  
\_\_\_\_\_
  - b. What lab values should be monitored with this drug?  
\_\_\_\_\_
  - c. Why is it important to monitor the patient's daily weight with this drug?  
\_\_\_\_\_