Introduction to Pharmacy Practice Experience II

Institutional Work Book

1. Please define the following abbreviations

|  |  |  |  |
| --- | --- | --- | --- |
| AA |  | OD |  |
| ac |  | OS |  |
| achs |  | OTC |  |
| AD |  | OSHA |  |
| am |  | OU |  |
| amp |  | oz |  |
| AS |  | p |  |
| ASAP |  | pc |  |
| AU |  | po |  |
| BID |  | POCT |  |
| BMI |  | pm |  |
| BSA |  | pr |  |
| BUCCAL |  | prn |  |
| c |  | pt |  |
| cc |  | q |  |
| cap |  | QAM |  |
| CR |  | QD |  |
| CrCl |  | Q\_H |  |
| DAW |  | QHS |  |
| DC |  | QID |  |
| DEA |  | QOD |  |
| Disp |  | QPM |  |
| DM |  | QS |  |
| DOB |  | QW |  |
| DS |  | Q3W |  |
| Dx |  | QS |  |
| dz |  | s |  |
| FDA |  | SA |  |
| gm |  | sig |  |
| gr |  | SL |  |
| gtt |  | sol |  |
| h |  | SQ |  |
| Hx |  | SR |  |
| IA |  | S/S |  |
| ID |  | ss |  |
| IJ |  | Stat |  |
| IM |  | Subq |  |
| inj |  | Supp |  |
| IR |  | Susp |  |
| iu |  | Sx |  |
| IV |  | syr |  |
| kg |  | tab |  |
| KVO |  | tbsp |  |
| l |  | TJC |  |
| LA |  | TID |  |
| lb |  | TIW |  |
| liq |  | tsp |  |
| mcg |  | tx |  |
| MDI |  | u |  |
| mg |  | UD |  |
| mL |  | µg |  |
| mmol |  | ung |  |
| MVI |  | vag |  |
| Neb |  | X\_D |  |
| NKDA |  | XL |  |
| NPO |  | YO |  |
| NS |  | # |  |
| NSAID |  | < |  |
| NTE |  | > |  |
| NTG |  |  |  |
| OD |  |  |  |
| OS |  |  |  |
|  |  |  |  |

1. Identify professional and civic organizations that your preceptor or other pharmacy employees are members of, and their role.
2. Identify safety equipment that your IPPE site has to prevent and track medication error and adverse drug events (ADE).
3. Describe the roles of pharmacy employees (i.e. Unit Dose Technician, I.V. room Technician, purchasing agent, clinical pharmacist, staff pharmacist, Director/Chief, Assistant Director/ Operations manager, Clinical coordinator)
4. Describe the institutions procedures for storing and dispensing Heparin
5. Identify 5 medications that are identified as look a like – sound a like
6. Identify regulatory agencies that inspect your IPPE site
7. Identify drug information resources available at you IPPE site
8. Identify diverse patient groups you have been exposed to during this IPPE site

* Pediatrics ○Geriatrics ○Visual Impairment ○Hearing Impairment
* African American ○Asian ○Caucasian ○Hispanic
* Native American ○Jehovah witness ○Jewish ○7 day Adventist
* Christian Scientology ○Muslim ○Islamic ○Amish
* Other(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Identify diverse disease states you have been exposed to during this IPPE site
   * Hypertension (HTN) ○Diabetes Mellitus (DM) ○Congestive Heart Failure (CHF)
   * Thyroid Disease ○Obesity ○Cancer
   * Asthma ○Dementia / Alzheimer’s ○Gastroesophageal Reflux Disease
   * Chronic Obstructive Pulmonary Disease (COPD)
   * Other(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Give an example of a patient medication profile diagraming the required components. Please de-identify patient specific information

Example Profile:

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1. Diagram an Intravenous Preparation Label

IPPE 2 Calculations Problems:

HB is a 64 year old male admitted to the ICU with a pulmonary embolism. HB weighs 210 pounds and is allergic to penicillin. The physician has written the following order:

1. Admit to ICU, diagnosis PE.
2. Labs: CBC, BMP, PT, PPT.
3. Give heparin 70 units/kg IV bolus followed by heparin 18 units per kg per hour. Recheck PTT in 6 hours and call resident on call with results.
4. Regular diet.
5. OOB with assistance.
6. Oxygen at 2 liters per minute.
7. No IM injections.
8. HB’s nurse calls and says that the heparin sent to the floor is 10,000 units per 1mL and she asks you to double check her calculations. How many mL’s should she give HB for the bolus dose?
9. The stock concentration of heparin in this hospital is 20,000 units in 500mL of D5W. What is the hourly heparin dose for HB?
10. What is the hourly heparin drip rate for HB?
11. In 6 hours the resident orders a bolus of 40 units per kg and a rate of 21 units per kilogram per hour. The nurse has a heparin vial that has 5,000 units per mL for the bolus what volume does she need for the dose?
12. What is the new rate per hour (21 units/kg/hr)?
13. The nurse calls and asks for a double concentrated heparin drip. The concentration approved for use is 20,000 units in 250mL. What would be the rate and hourly dose with this concentration if the dose is 22units/kg/hour?