Introduction to Pharmacy Practice Experience I

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 medication errors.
3. Does your IPPE site provide immunizations to patients? If yes, are all pharmacists required to obtain immunization certification? What vaccines does the site offer? How do they document / record / report immunizations provided? How do the pharmacist’s feel about providing immunizations?
4. Identify regulatory agencies that inspect your IPPE site
5. List five 3rd party carriers the IPPE site accepts
6. Identify drug information resources available at you IPPE site
7. 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 prescription you have processed and write out what the label looked like and diagraming the required components. Please de-identify patient specific information

Example Prescription:

## For\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Rx**

Example Prescription Label

1. What information is required from the patient to fill a prescription at your IPPE site?

IPPE 1 Calculation problems:

1. Answer the following questions with regard to Prescription A:
	1. Bobby Blue is a 1 year old toddler who weighs 27 pounds. He has no known drug allergies. The dose of cephalexin for this child is 25mg/kg/dose twice daily. What is the daily dose for this child?
	2. How many milliliters should this child receive for each dose based on the dosing above?
	3. The pharmacy is out of the 125mg/5mL 100mL bottles of cephalexin. They have the 250mg/5mL 100mL bottle in stock. Based on the directions on the prescription below how much of this concentration should Bobby be given for each dose?
	4. Based on his weight based dosing how much should he receive for each dose?
	5. The pharmacist asks you to reconstitute the cephalexin suspension for this prescription. He wants to use the 250mg/5mL 100mL bottle to make a suspension that is 125mg/5mL. The directions on the 250mg/5mL 100mL bottle read: First invert the bottle and tap to loosen the powder then add a total of 60ml water in two portions, shaking after each addition until suspended. The solution is red. If dilution is unavoidable, simple syrup should be used after the suspension has been prepared as described. Shake well before use.
		1. How much simple syrup should be added to make the concentration 125mg/5mL?
		2. How would you label this product?

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100 Main Street

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Name\_\_\_\_BOBBY BLUE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_8/8/20??\_\_\_\_

Address: 100 BLUE RIDGE RD BLUEVILLE, WV

D.O.B.: 2/2/20?? (6 MONTHS OLD)

Rx Cephalexin 125mg/5ml

Disp: 100ml

Take 2 teaspoonsful PO BID for pharyngitis for 7 days.

Refill \_0\_ times

Phil N. Goode, M.D

DEA: CG1234563

State License No: 65432