

- 1) **Jessie Jones is a new patient at Save A Lot Drugs – he brings in a prescription for Amoxicillin 400mg/5ml and Tylenol with Codeine liquid. The dentist has written this prescription for liquid because Jessie doesn't like to swallow tablets.**

The prescription for Amoxicillin reads 1 tsp po bid for 10 days. There are 3 package sizes on the shelf to choose from. 50ml, 75ml, and 100ml.

The prescription for Tylenol with Codeine liquid reads 6ml po q6h prn mild to moderate pain q.s. for 5 days.

- a) How should the directions for Amoxicillin appear on Jessie's prescription label?
- b) How should the directions for Tylenol with Codeine appear on Jessie's prescription label?
- c) What quantity of Amoxicillin should be dispensed for Jessie's prescription? Which package size of Amoxicillin should be selected to dispense?
- d) What quantity of Tylenol with Codeine liquid should be dispensed for Jessie?
- e) There is a 2 ounce, 4 ounce, 6 ounce, and 12 ounce bottle on the shelf to pour up the Tylenol codeine – Which bottle should be selected?
- f) Which of the prescriptions that Jessie is receiving is a controlled substance?
- g) Jessie requests that he doesn't need the Amoxicillin prescription filled, and only wants the Tylenol with Codeine liquid. Does this seem reasonable?

- 2) **For Jessie's prescriptions to be filled -- you pull the drugs off the shelf and place the drugs and prescriptions in a bucket for prescription processing. The Pharmacist asks if you have put the patient's demographic information into the system.**

You tell the Pharmacist that you have not put his info in the system... The Pharmacist states to obtain the following: First Name, Last Name, DOB, street address, City and State, Zip Code, telephone number, drug allergies, drivers license and/or state ID, insurance information

- a) Why is it important to obtain the patient's drivers license and/or state ID?

Please view Prescription Drug Monitoring Program: <http://alabamapublichealth.gov/pdmp/>

- b) Insurance: Understand the concepts of "Processing Information"

Review of Insurance Cards: <https://youtu.be/oSHuo6fxybY>

BIN Number/Group Number/PCN/ID

What is a Pharmacy Benefit Manager?

- c) Why is It important to obtain street address, City, State, Zip Code, Telephone number
- d) Why is it important to obtain drug allergies? While obtaining this information you find out that Jessie states that he has an allergy to Hydrocodone.
- i) Is Hydrocodone a controlled substance
- ii) What is codeine and Hydrocodone used for
- iii) What questions do you expect the Pharmacist to ask, now that Jessie states that he is allergic to Hydrocodone

3) Slim Hendricks brings in a prescription for a compounded cream for eczema (use example from page 185 of text). The prescription reads as follows:

Hydrocortisone ointment 10% apply qid to affected area prn itch
Dispense 90 grams for a 15 day supply

In your stock, you have bulk 20% Hydrocortisone ointment and 5% Hydrocortisone ointment. How would 10% Hydrocortisone ointment be compounded?

- a) How should Slim's prescription label read
- b) Show your calculations for obtaining 10% Hydrocortisone Ointment, use the chart below..

- 4) **Flo Davis brings in a prescription for her daughter Laci. The prescription is for Clindamycin 75mg/5ml. Her daughter is 8 years old, and weighs 66 pounds. The child has no drug allergies.**

The prescription reads as follows:

Clindamycin 75mg/5ml

Sig: give the child 10mg/kg/dose TID for 14 days

q.s. 14 days

- a) What is the child's weight in kg

- b) What is the child's dose in mg

- c) What is the child's dose in ml

- d) If the Clindamycin comes in 100ml size bottles, how many bottles should be dispensed for a 14 day supply

- e) How should Laci's prescription bottle read

- f) The prescription is now ready to dispense to the patient, the Pharmacist asks that you measure 75ml of water to reconstitute each bottle of Clindamycin.
 - i) What is reconstitution

 - ii) Let's watch the following video to understand reconstitution better:
<https://youtu.be/sit0oHbZ4Cg>

5) Johnny Wheezy brings in prescriptions written for Ventolin HFA and Flovent 110. He has no known drug allergies.

The prescription for Ventolin HFA reads as follows:
2 puffs q6h prn SOB or wheeze – use 2 to 4 puffs prior to exercise
dispense 200 puff canister

The prescription for Flovent 110 reads as follows:
2 puffs q12h
dispense 120 puff canister

- a) Calculate the day's supply for the Ventolin
- b) Calculate the day's supply for Flovent 110
- c) Why is Johnny using the Ventolin and why is Johnny using the Flovent

Fill in the Blank (review page 66 of Workbook)

- 6) By mouth _____
- Three times daily _____
- Four times daily _____
- Every Other Day _____
- N.G. Tube _____
- G Tube _____
- ou _____
- os _____
- od _____
- au _____
- as _____

ad _____

q12h _____

q6h _____

prn _____

n/v _____

- 7) Express an appropriate Community Pharmacy Workflow in the diagram below using the terms drop off, order entry, filling, pickup, and verification?

_____ → _____ → _____ → _____ → _____

Please watch the following video: <https://youtu.be/SCWIIbrRVLg>

Sig Nature, MD
1515 6th Ave S
Eutaw, AL 35289
205-333-4545
NPI: 1010101010

Name: Johnnie Walker Date 04/17/2018
Address: 1546 2nd Ave S Dolomite, AL

Rx: Fentanyl 25mcg Patch
Sig: 1 patch q72h
Qty: 10 patches

Refills: 0
DEA # FJ1234567

Sig Nature, MD
Product Selection Permitted

- 8)
- a) How should the patient take this medication
 - b) What is the brand name of this medication
 - c) What is the days supply for this medication
 - d) What is the strength
 - e) What is the dosage form
 - f) What is the route of administration
 - g) How many Refills are there
 - h) Is this prescription legal? Hint DEA number (pg. 24 of the Workbook for formula)
 - i) Prior to filling this prescription what demographic questions should be asked?

Sig Jature, MD
1515 6th Ave S
Chattahoochie, AL 37857
205-555-6898
NPI: 1010101012

Name: Missy Ellie Date 04/17/2018
Address: 2800 Tennessee Ave

Rx: Zofran 4mg
Sig: 1 tab po q 4 to 6 hrs prn n/v
Qty: 30 tablets

Refills: 5Z
DEA # FJ1234567

Sig Jature, MD
Dispense As Written

Product Selection Permitted

9)

a) what is the generic name of the drug

b) What is the strength

c) What is the dosage form

d) What is the route of administration

e) How many refills are there

f) Can there be a generic substitution

g) What is this drug used for

Sig Jature, MD
1515 6th Ave S
Chattahoochie, AL 37857
205-555-6898
NPI: 1010101012

Name: Betty Smith Date 04/17/2018
DOB 02/12/2017
Allergies: NKA Weight: 11lbs
Address: 2800 Tennessee Ave

Rx: Azithromycin 100mg/5ml
Sig: 10mg/kg day 1 then 5mg/kg days 2-5
Dispense: Qs

Refills: 0
DEA # FJ1234567

Dispense As Written

Sig Jature, MD
Product Selection Permitted

10)

- a) What is the concentration
- b) What is the brand name of this drug
- c) Can we dispense a generic product
- d) How many refills are on the prescription
- e) What is the dose for day 1 in mg and ml
- f) What is the dose for day 2-5 in mg and ml
- g) You have package sizes of 15ml and 30ml on the shelf – What quantity should be

h) pulled off the shelf by the Technician?

i) How should the prescription label look – so that the parent administers the correct dose to the child

11) PLEASE REVIEW CHAPTER 7 IN THE PHARMACY TECHNICIAN WORKBOOK AND CERTIFICATION REVIEW