

PHAR 1000 Assignment: Case Study (25% total)

Read all of the instructions before you begin. You may complete this assignment individually or with a partner.

Purpose:

This assignment provides the opportunity for students to apply pharmacology knowledge. You will be assessed on how you apply an understanding of the following general learning outcomes:

- Examine medication measurements using various systems of measurements (amount/quantity)
- Examine selected herbal medications, including their effects, side effects, and interactions with other drugs
- Examine nursing implications and responsibilities related to medication administration

Instructions

- Read the case study (p. 2) and answer the following questions based on the rights of medication administration.
 - For each medication ordered clearly identify the following
 - Right medication & Right reason:
 - Patient's medical diagnosis that relates to the medication
 - The mechanism of action (effect)
 - The pharmacological class
 - Right dose:
 - Calculate the ordered dosage (show calculation)
 - Identify if the dosage is safe (provide rationale)
 - Right time:
 - indicate if the drug is ordered at the right time and frequency
 - Right route:
 - Identify the abbreviations indicated in the order
 - Right patient:
 - Indicate how you would verify you have the right patient
 - Right documentation:
 - Indicate when documentation would occur
 - Right assessment:
 - Identify 1 priority pre-assessment for each medication
 - Identify 1 priority post-assessment for each medication
 - Right patient education
 - Indicate 1 teaching point for each medication (teaching information can be found in your drug guide)
 - Right to refuse:
 - Provide one NANDA diagnosis based on a *patient refusing their medication* (see p. 109 in Lilley et al.)
 - Include 1 diagnosis statement
 - Include 1 outcome statement
 - Include 1 intervention
 - Salt Substitute:
 - Explain the patient teaching that would be done for the salt substitute
 - Explain why this teaching is important

- Use your required readings for this assignment.
 - The 10 rights of medication administration are in Lilley et al.
 - Drug specific information in your drug guide
 - Refer to herbal links listed in Moodle **OR** to your textbook
 - Nurse’s Pocket Guide (15 ed) Doenges, Moorhouse, & Murr. (2019).

Assignment Requirements:

- Assignment must be typed
- Include a title page and reference page
- Maximum 2 pages using assignment template
- Follow APA format for title page, reference page and citations
- No PDF submissions, zip files, mac pages or Google docs
- See marking guide p. 2

Case Study

Mrs. Walker

You are a Practical Nurse working in acute care and have been assigned Mrs. Walker, 55 years old. Mrs. Walker is refusing her captopril today because it makes her cough.

Primary medical diagnosis: Hypertension related to coronary artery disease

Secondary medical diagnosis: Hypothyroidism.

History: Mrs. Walker is currently using a salt substitute (e.g., Morton) to help with her blood pressure. She weighs 65 kg and is 160 cm in height.

Doctors’ Orders: Medications

- *Levothyroxine (Synthroid) 75 mcg PO in AM before meals*
- *Captopril 25 mg PO BID after meals*

Medications Available on the Unit:

- Levothyroxine 50 mcg tablets
- Captopril 12.5 mg tablets

Marking Guide

Criteria	Mark & Comments
Indicates the following for each medication: <ul style="list-style-type: none"> • Right medication & Right reason (6) • Right dose (4) • Right time (2) • Right route (2) • Right patient (1) • Right documentation (1) • Right assessment (4) • Right patient education (2) • Right to refuse (NANDA) (3) 25 marks	
Teaching provided for salt substitute and rationale for why this teaching is important 4 marks	
APA 3 marks	
Total for Assignment: /32	