



CANADIAN PHARMACY PRACTICE PROGRAM Therapeutics

Course Description

This course will explore medical conditions commonly found in community practice and their treatment that have been chosen to reflect the greatest need of the practicing pharmacist. Students will acquire the therapeutic knowledge needed for the management of patient-specific drug-related problems and the provision of safe and effective drug therapy.

Course Objectives

Students in this course will be expected to:

1. Describe the basic pathophysiology, etiology, prognosis, and signs and symptoms associated with common medical disorders.
2. Given a patient's diagnosis and history, identify the goals of therapy, list the viable treatment alternatives, recommend a rational approach to the therapy of the disorder and justify that approach.
3. List the most common potential adverse effects, drug interactions and other drug-related complications of the therapy.
4. Describe the expected outcomes(s) of therapy and the appropriate therapeutic monitoring parameters to ensure achievement of outcomes.
5. Identify potential or actual Drug Therapy Problems and explain how they can be prevented or managed.
6. Identify and describe the important patient counselling points for the planned treatment regimen.

Educational Outcomes

This course will primarily focus on a number of outcomes:

1. Critical thinking skills
2. Information access and evaluation skills
3. Apply and integrate knowledge
4. Meet patients' drug-related needs



Course Topics

1. Anxiety
2. Asthma/Chronic Obstructive Pulmonary Disease (COPD)
3. Cancer Therapies
4. Cannabis Overview: A Focus for Community Pharmacy Practice
5. Congestive Heart Failure (CHF)
6. Depression
7. Diabetes Part 1
8. Diabetes Part 2
9. Diabetes Supplies and Monitoring Workshop
10. Drug Hypersensitivity
11. Drug Information Part 1 Books
12. Drug Information Part 2 Online Resources
13. Drug Interactions Part 1
14. Drug Interactions Part 2
15. Drug Interactions Part 3
16. Drug Safety (Adverse Drug Reactions [ADRs])
17. Drug Therapy Problems (DTPs) and Therapeutic Thought Process (TTP) Part 1
18. Drug Therapy Problems (DTPs) and Therapeutic Thought Process (TTP) Part 2
19. Drugs in Pregnancy and Lactation
20. Gastrointestinal (GI) Disorders
21. Geriatrics Part 1
22. Geriatrics Part 2
23. Hypertension (HTN) /Dyslipidemia
24. Infectious Diseases Part 1
25. Infectious Diseases Part 2
26. Men's Health
27. Pain Talk
28. Pediatrics
29. Post Myocardial Infarction (MI) /Anticoagulants
30. Therapeutic Thought Process (TTP) & Care Plan
31. Women's Issues

Learning Strategies

Learning strategies will include completion of reading assignments from textbooks and primary literature, evaluation of therapeutics data from primary literature and will make extensive use of the case study format.



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Assessment Strategies

Assessment strategies are learning-centered and include continuous assessment throughout the course to track personal growth and learning. Material in this module is foundational to learning in other modules. Assignments in those other modules (Pharmacy Care Plans, Lab assignments) will be used as evaluation tools to determine students' progress and to determine any supportive sessions that need be given on any of the areas of difficulty.

Required Texts

Compendium of Therapeutic Choices: Canadian Pharmacists Association – (most current)