

Covenant School of Nursing
Instructional Module: 1
Topic: Introduction to Pharmacology for Nursing

Learning Goals/Outcomes
Upon completion of this lesson, you will be able to: • Describe the four basic pharmacokinetic processes and its relationship to nursing and clinical practice • Explain the physiologic and biochemical effects of medications on the body and how this process occurs • Discuss the consequences of drug-drug interactions, the basic mechanisms of drug-drug interactions, and the critical steps in minimizing adverse drug-drug interactions. • Identify the mechanisms and consequences of drug-drug and drug-food interactions
Pre-Class Preparation
Required: • Textbook reading: Lehne, R.A. (2019). <i>Pharmacology for nursing care</i>. (10th ed.)- Ch. 4-6 • View PowerPoint posted on LMS Complete • The online activities listed below in Learning Activities <i>prior to class</i>. An average score of 80% on the 2 assessments included in this activity is required. Failure to complete the assignments may result in an absence – review your syllabus. Additional Resources: • https://www.fda.gov/drugs
Learning Activities
Classroom Activities: • Lecture with PowerPoint • Review with discussion Online/Out of Class Activities: • Go to My Evolve Select Pharmacology Online Under Course Content, select Basic Principles of Pharmacology Complete the following assignments: ✓ Self-Study Modules: Pharmacokinetics 1-5 ✓ Self-Study Module: Drug Interactions 1 Drug-Drug Interactions ✓ Self-Study Module: Drug Interactions 2 Drug-Food and Drug-Nutrient Interactions
Evaluation Methods
• Quiz #1 (Ch. 1-3;4-6) • End of Course Comprehensive Quiz

<i>Texas DECs</i>	<i>QSEN Competencies</i>
Knowledge: IA:1-4; 1B:1 IIA:1-4; IIC: 3,4 IIF:1-3; IIIA1-6; IIIB: 1-6; IVA: 4,5; IVB: 1,2 Clinical Judgments and Behaviors: IA:1-3; 1B:2,3; IIB: 1-4; IIC: 1,3-4,7; IIF: 1-6; IIIA: 4,5; IIIB: 1-9; IV 1-3: IVB: 1,3	Patient Centered Care; Teamwork & Collaboration; EBP; Safety
<i>IM Student Learning Outcomes</i>	<i>NCLEX Test Plan</i>
2, 3	Management of Care; Health Promotion & Maintenance; Safety; Pharmacological and Parenteral Therapies
<i>Concepts</i>	<i>Faculty</i>
Health Promotion; EBP; Patient Education; Patient Centered Care; Safety; Quality Improvement	A. Harrison, MSN, RN NPD-BC
<i>Date originated: 6-15</i>	<i>Revision Dates: 4-16; 6-16; 1-17; 2-18;1-19; 7-19; 02-2020; 05-2020</i>

Instructional Module (1) Learning Guide

Topic: Introduction to Pharmacology for Nurses

CSON Learning Guide (adopted 5-2015 by Faculty vote) - REV 9-2016

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