Overview

Medication Dosage Calculations introduces students to individualized drug dosing concepts, including: different measurement systems, solid and liquid medications, calculating dosages based on body weight or body surface area, interpreting drug labels and abbreviations, and common medication errors.

Competencies

- Measurement Systems of Drug Administration
  The graduate demonstrates an understanding of the metric and household measurement systems.

- General Medication Administration
  The graduate demonstrates accurate dosage calculations.

- Methods of Calculating Drug Dosages
  The graduate demonstrates the ability to calculate drug dosages using one of the four main methods.

- Calculating Drugs for Individual Drug Dosing
  The graduate demonstrates the ability to accurately calculate individual doses based on weight and body surface area (BSA) including weight conversions and dosages of drugs for all routes.

Learning

Getting Started

Welcome to Medication Dosage Calculations! In this course, you will learn about individualized drug dosing concepts. This includes different measurement systems, solid and liquid medications, dosage calculation based on body weight or body surface area, interpretation of drug labels and abbreviations, and common medication errors. This course is delivered in the WGU module-based learning platform, which incorporates access to the e-text, Evolve Online Course for Clinical Calculations companion course, and the ATI Learning System. Review the Start Here unit carefully to understand the learning resources and how to use the content. The Topics and Pacing Guide is designed to help manage your time through the course. Read each chapter and complete all assigned modules and quizzes for the best outcome. Your course mentors are always available to answer questions and provide support. Your competency of this course's subject matter is demonstrated by the successful completion of an objective assessment. This course may take up to 2 weeks to complete and represents 1 competency unit.

Cohort Sign-up

Cohorts provide additional structure and support for challenging aspects of this course. In a cohort you receive specific homework assignments and meet online with mentors and students regularly to discuss the challenging topics.

Assessments

- Pre-Assessment: Medication Dosage Calculations
  STATUS: Not Attempted
  # OF ITEMS: 57
  TIME ALLOCATED: 120 minutes
  CODE: PHZC

- Objective Assessment: Medication Dosage Calculations
  STATUS: Not Attempted
  # OF ITEMS: 57
  TIME ALLOCATED: 120 minutes
  CODE: HZC1

A score of Competent or Exemplary is required to pass all assessments. Passing a preassessment does not guarantee you will pass the high-stakes assessment. On objective assessments, you will be charged a retake fee for the third attempt and every attempt thereafter. For more information click here.