Pharmacology is one of the most challenging subjects for those embarking on careers as pharmacy technicians. By its very nature, pharmacology is an interdisciplinary subject, borrowing concepts from a wide variety of natural and applied sciences, including anatomy, physiology, chemistry, psychology, psychology and sociology.

This text presents pharmacology from an interdisciplinary perspective. The text draws upon core concepts of anatomy, physiology, and pathology to make drug therapy understandable. It does not assume that the student comes to the course with a strong background in the natural or applied sciences. The prerequisite science knowledge necessary for understanding drug therapy is reviewed in each chapter that presents the core concepts in pharmacology.

Drug therapy differs between the United States and Canada and Canadian pharmacy technician instructors have needed to supplement American textbooks with their own materials. To address this need, the authors created this pharmacology textbook for the Canadian market.
Key Features

- **Disease and Body System Approach.** This framework places the drugs in the context of how they are used therapeutically. This makes it easy for the student to locate all relevant anatomy, physiology, pathology, and pharmacology in the same chapter in which the drugs are discussed.

- **Numbered Core Concepts.** These core concepts are stated at the beginning of each chapter, so that the student can get an overview of what is to be learned. They are repeated at the end of the chapter, with a brief summary of each important concept.

- **Key Drugs Approach.** The vast number of drugs taught in a pharmacology course is staggering. To facilitate learning, Key Drugs tables at the end of Chapters eight to thirty-four showcase the most commonly used and important medications.

- **Pharmacy Technician Content.** This text provides focused Pharmacy Technician content, allowing students quick access to essential content for safe, effective drug therapy.

- **Accurate Figures and Illustrations.** Particular procedures, as well as the action of certain drugs at the molecular level are illustrated with clear and accurate visuals.

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