



Core Concepts in Pharmacology (3rd Edition)

By Jr. Leland Norman Holland, Michael Patrick Adams

Download now

Read Online →

Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams

This comprehensive, up-to-date text introduces pharmacology from an interdisciplinary perspective, illuminating core concepts of anatomy, physiology, and pathology that make drug therapy understandable to all nursing students. Organized around body systems and diseases, it clearly places each drug in context. Its focused nursing content includes easy-to-read flowcharts that illuminate assessment, diagnosis, planning, interventions, patient education, discharge planning, and evaluation. This edition contains new chapters on the nursing process and drugs for degenerative diseases and muscles; new Safety Alerts; new coverage of weight loss surgery and drugs; revamped NCLEX-PN® questions; a brand-new glossary, and many other improvements. Some new features to this edition include:

- New! Full chapter on the nursing process
- New! All-new chapter on drugs for degenerative diseases and muscles
- New! Safety Alerts call attention to medication errors and Joint Commission safety guidelines Updated! End-of-chapter NCLEX-PN® questions completely revamped to reflect the latest practice
- New! Scenario-based Case Study Questions help students apply pharmacology and nursing care to specific clients and circumstances

 [Download Core Concepts in Pharmacology \(3rd Edition\) ...pdf](#)

 [Read Online Core Concepts in Pharmacology \(3rd Edition\) ...pdf](#)

Core Concepts in Pharmacology (3rd Edition)

By Jr. Leland Norman Holland, Michael Patrick Adams

Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams

This comprehensive, up-to-date text introduces pharmacology from an interdisciplinary perspective, illuminating core concepts of anatomy, physiology, and pathology that make drug therapy understandable to all nursing students. Organized around body systems and diseases, it clearly places each drug in context. Its focused nursing content includes easy-to-read flowcharts that illuminate assessment, diagnosis, planning, interventions, patient education, discharge planning, and evaluation. This edition contains new chapters on the nursing process and drugs for degenerative diseases and muscles; new Safety Alerts; new coverage of weight loss surgery and drugs; revamped NCLEX-PN® questions; a brand-new glossary, and many other improvements. Some new features to this edition include:

- New! Full chapter on the nursing process
- New! All-new chapter on drugs for degenerative diseases and muscles
- New! Safety Alerts call attention to medication errors and Joint Commission safety guidelines Updated! End-of-chapter NCLEX-PN® questions completely revamped to reflect the latest practice
- New! Scenario-based Case Study Questions help students apply pharmacology and nursing care to specific clients and circumstances

Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams
Bibliography

- Sales Rank: #643811 in Books
- Published on: 2010-04-09
- Original language: English
- Number of items: 1
- Dimensions: 10.80" h x 1.00" w x 8.40" l, 3.00 pounds
- Binding: Paperback
- 768 pages

 [Download Core Concepts in Pharmacology \(3rd Edition\) ...pdf](#)

 [Read Online Core Concepts in Pharmacology \(3rd Edition\) ...pdf](#)

Download and Read Free Online Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams

Editorial Review

From the Back Cover

Prediction of drug action requires a thorough knowledge of both natural and applied sciences, making pharmacology one of the most challenging subjects for those embarking on careers in the health sciences. Assuming no prior knowledge, *Core Concepts in Pharmacology* presents a comprehensive, interdisciplinary perspective drawing upon core concepts of anatomy, physiology, and pathology to make drug therapy understandable. An essential book for anyone entering into an allied health occupation, it is appropriate for a stand-alone course or as a resource for anyone looking for a refresher.

Features Include:

- A FREE CD-ROM containing an interactive mathematics program, as well as animations of drug action
- A FREE Companion Website containing additional review questions, links to pharmacology resources, and a test bank
- Learning Objectives and Key Terms at the beginning of each chapter
- Concept Reviews and Client Teaching boxes throughout each chapter reinforce difficult concepts
- Chapter-ending review questions allow for critical thinking and review
- A prototype approach to drug therapy with the most common described in detail and the remaining highlighted in a grid that shows the similarities and differences
- Mechanism in Action feature shows life-like illustrations of drug action within the body for all prototype drugs - animated versions on the CD-ROM
- Numerous diagrams and line art for visual learning
- On the Job feature that discuss how pharmacology is applied the health occupations
- Alternative and herbal therapies in each drug chapter

About the Author

Michael Patrick Adams, RT(R), PhD is the Associate Dean for Health, Mathematics, and Science at Pasco-Hernando Community College. He is an accomplished educator, author, and national speaker. The National Institute for Staff and Organizational Development in Austin, Texas named Dr. Adams a Master Teacher. He has been registered by the American Registry of Radiologic Technologists for over 30 years. Dr. Adams obtained his master's degree in pharmacology from Michigan State University and his doctorate in education from the University of South Florida.

Leland Norman Holland, PhD, JR is the Science Chair in the Division for Health, Mathematics, and Science at Pasco-Hernando Community College. He is actively involved in teaching and preparing students for various health professions including nursing, dentistry, and pharmacy. He comes to the teaching profession after several years involvement in basic science research at the VA Hospital in Augusta, Georgia and the Medical College of Georgia, where he received his Ph.D. in pharmacology. He has taught pharmacology for 10 years at both the undergraduate and graduate levels. One of his paramount goals as an educator is to help students achieve success, and he has assisted many in their pursuit of healthcare degrees.

Excerpt. © Reprinted by permission. All rights reserved.

Pharmacology is one of the most challenging subjects for those embarking on careers in the health sciences. By its very nature, pharmacology is an interdisciplinary subject, borrowing concepts from a wide variety of the natural and applied sciences. Prediction of drug action, the ultimate goal in the study of pharmacology, requires a thorough knowledge of anatomy, physiology, chemistry, and pathology, as well as the social sciences of psychology and sociology. It is the interdisciplinary nature of pharmacology that makes the subject difficult to learn but also makes it fascinating to study.

This text presents pharmacology from an interdisciplinary perspective. The text draws upon core concepts of anatomy, physiology, and pathology in order to make drug therapy more understandable. This text does not assume that the student comes to the course with a strong background in the natural or applied sciences. Although it is true that many students have prerequisite courses prior to attempting introductory pharmacology, such courses may have been taken many years prior. In this text, the prerequisite science-knowledge necessary for understanding drug therapy is reviewed prior to presenting the core concepts in pharmacology.

APPROACH AND RATIONALE

Core Concepts

The authors have created a concise means of communicating the most important pharmacologic information to the student. Through the use of numbered **Core Concepts**, the student can quickly identify key ideas. These core concepts are stated at the beginning of each chapter so the student gets an overview of what is to be learned. **Concept Reviews** are questions placed strategically throughout the chapter to stimulate student comprehension and retention. Also, **Concept Summaries** are repeated at the end of the chapter, which include brief summary of the important concepts.

Disease and Body System Approach

Core Concepts in Pharmacology is organized according to body systems and diseases. This clearly places the drugs in context with how they are used therapeutically. The student can easily locate all relevant anatomy, physiology, pathology, and pharmacology in the same chapter in which the drugs are discussed.

Prototype Approach to Drug Therapy

The vast number of drugs taught in a pharmacology course is staggering. To facilitate learning, a prototype approach is used in which the one or two most representative drugs in each classification are introduced in detail. **Drug Profile** boxes are used to clearly indicate these important medications.

Pharmacology as a Visual Discipline

For many students, learning can be a highly visual process. *Core Concepts in Pharmacology* is the first pharmacology text to incorporate **Mechanisms in Action**, which use computer animations to clearly demonstrate drug action. A colorful graphic of the animation is included in many of the Drug Profile boxes along with a description of the drug action. The complete animation, including audio narrations that describe each step of the mechanism, are provided on the included student CD-ROM. This text also incorporates generous use of figures and diagrams to illustrate and summarize key concepts.

Health Professions Focus

Core Concepts in Pharmacology uses an interdisciplinary approach to pharmacology that is applicable for all

basic nursing and allied health professions. Practical nurses, respiratory therapists, radiographers, EMTs, paramedics, physical therapist assistants, patient care assistants, home health care workers, and those beginning the allied health occupations can benefit from the unique structure and clarity of the text. **On the Job** boxes, included in most chapters, show the student the application of pharmacology by various health professionals.

The Health Professional as Teacher

It is not sufficient for a health professional to only learn pharmacology. It is equally important to learn to communicate pharmacological knowledge to clients and other members of the public. To help the student achieve the ability to communicate pharmacology, each drug chapter contains concise **Client Teaching** boxes which apply fundamental patient care principles to pharmacology.

Holistic Pharmacology

Core Concepts in Pharmacology approaches pharmacology from a holistic perspective. Throughout the text, the relationship between lifestyle habits, such as proper body weight, exercise, and nutrition, to pharmacology are discussed. Most chapters contain a **Natural Alternative** feature which presents a popular herbal or dietary supplement that may be considered along with conventional drugs. The **FastFacts** feature puts the disease in a social and economic perspective.

Medical Terminology

Pharmacology and other medical sciences use a unique language that can be overwhelming for beginning students. In each chapter of *Core Concepts in Pharmacology* key terms are defined at the beginning of each chapter, and each term includes the page number on which the first reference to the word can be found. **Key terms** are placed in blue boldface type throughout the text. Since pronunciation of medical terms is often difficult, a phonetic pronunciation is provided for difficult key terms. Phonetic pronunciations are also provided in the index for the generic name of each drug. **Word roots** are included in the margins to help the student identify prefixes and suffixes essential to medical word-building. An **audio glossary** can be found at the Companion Website and the free Student CD-ROM.

PharMedia and PharmLinks

PharMedia is included at the beginning of each chapter. This feature guides the student to resources, interactive exercises, and animations for that chapter on the Student CDROM and Companion Website. PharMedia serves as a gateway to additional learning. **PharmLinks** invite the student to perform specific web activities or to consult the accompanying CD-ROM.

COMPLETE TEACHING & LEARNING PACKAGE

To enhance the teaching and learning process, an attractive media-focused supplements package for both students and faculty has been developed in close correlation with *Core Concepts in Pharmacology*. The full complement of supplemental teaching materials is available to all qualified instructors from your Prentice Hall Health Sales Representative.

Student CD-ROM. The Student CD-ROM is packaged free with each copy of the textbook. It provides thirty animations showing how drug action occurs at the cellular and system levels. These animations build upon the feature in the textbook entitled, *Mechanism in Action*, and help students visualize these difficult concepts. The CD-ROM also includes NCLEX-PN Review questions that emphasize application of care and

client education related to drug administration. Students can test their knowledge and gain immediate feedback through rationales for right and wrong answers. In addition, Concept Review questions provide students an additional opportunity for applying their knowledge. Students will also find the audio glossary and objectives useful for review. Finally, the CD-ROM allows access to the Companion Website described below (internet connection required).

Student Workbook. A Student Workbook for *Core Concepts in Pharmacology* has been developed to closely parallel the text. The Workbook contains a variety of question types and a large number of practice questions and learning activities. Other study aids may be found at the Companion Website.

Instructor's Resource Manual. This manual contains a wealth of material to help faculty plan and manage the pharmacology course. It includes chapter overviews, lecture suggestions and outlines, learning objectives, a complete test bank, teaching tips, and more. The IRM guides faculty on how to assign and use the text-specific Companion Website, www.prenhall.com/holland, and the CD-ROM which accompany the textbook.

Instructor's Resource CD-ROM. This CD-ROM provides many resources in an electronic format. First, the CD-ROM includes the complete test bank in Test-Gen format. Second, it includes a comprehensive collection of images from the textbook in PowerPoint format so that faculty can easily import these photographs and illustrations into their own classroom lecture presentations. Finally, the CD-ROM provides instructors with access to the same animations which appear on the student CD-ROM, allowing faculty to incorporate these visual accents into their lectures.

Companion Website and Syllabus Manager®. Students and faculty will both benefit from the free Companion Website at www.prenhall.com/holland. This website serves as a text-specific, interactive online workbook to *Core Concepts in Pharmacology*. The Companion Website includes modules for Objectives, Audio Glossary, Chapter Summary for lecture notes, Dosage Calculations, PharmLinks, Case Studies, Care Plan activities, Drug Reviews, and more. Instructors adopting this textbook for their courses have free access to an online Syllabus Manager. The syllabus Manager hosts a wide variety of features that facilitate the students' use of the Companion Website and allows faculty to post their syllabi online for their students. For more information or a demonstration of Syllabus Manager, please contact your Prentice Hall Health Sales Representative or go online to www.prenhall.com/demo.

Users Review

From reader reviews:

Dennis Simpson:

Do you certainly one of people who can't read pleasurable if the sentence chained in the straightway, hold on guys this specific aren't like that. This Core Concepts in Pharmacology (3rd Edition) book is readable by means of you who hate the straight word style. You will find the information here are arrange for enjoyable reading through experience without leaving perhaps decrease the knowledge that want to provide to you. The writer regarding Core Concepts in Pharmacology (3rd Edition) content conveys thinking easily to understand by lots of people. The printed and e-book are not different in the content but it just different available as it. So , do you nevertheless thinking Core Concepts in Pharmacology (3rd Edition) is not loveable to be your top listing reading book?

William Holt:

The publication untitled Core Concepts in Pharmacology (3rd Edition) is the reserve that recommended to you you just read. You can see the quality of the reserve content that will be shown to an individual. The language that article author use to explained their way of doing something is easily to understand. The copy writer was did a lot of analysis when write the book, to ensure the information that they share to you personally is absolutely accurate. You also can get the e-book of Core Concepts in Pharmacology (3rd Edition) from the publisher to make you a lot more enjoy free time.

Rosalie Castillo:

This Core Concepts in Pharmacology (3rd Edition) is great reserve for you because the content which is full of information for you who else always deal with world and get to make decision every minute. This kind of book reveal it details accurately using great coordinate word or we can point out no rambling sentences inside. So if you are read the idea hurriedly you can have whole facts in it. Doesn't mean it only will give you straight forward sentences but difficult core information with splendid delivering sentences. Having Core Concepts in Pharmacology (3rd Edition) in your hand like having the world in your arm, details in it is not ridiculous 1. We can say that no e-book that offer you world in ten or fifteen minute right but this book already do that. So , this is good reading book. Heya Mr. and Mrs. busy do you still doubt that?

Cathy Kerby:

What is your hobby? Have you heard in which question when you got learners? We believe that that query was given by teacher on their students. Many kinds of hobby, Everyone has different hobby. And you know that little person such as reading or as examining become their hobby. You have to know that reading is very important and book as to be the point. Book is important thing to provide you knowledge, except your own personal teacher or lecturer. You will find good news or update concerning something by book. Different categories of books that can you choose to adopt be your object. One of them is Core Concepts in Pharmacology (3rd Edition).

Download and Read Online Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams #L0IXNDGOB94

Read Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams for online ebook

Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams books to read online.

Online Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams ebook PDF download

Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams Doc

Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams Mobipocket

Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams EPub

L0IXNDGOB94: Core Concepts in Pharmacology (3rd Edition) By Jr. Leland Norman Holland, Michael Patrick Adams