INTRODUCTION

The best single reference for understanding the clinical relevance of any biochemistry topic

Clear, concise, and in full color, Harper’s Illustrated Biochemistry is unrivaled in its ability to clarify the link between biochemistry and the molecular basis of disease. It covers exactly what students need to understand in order to succeed in medical school. Combining outstanding full-color illustrations with integrated coverage of biochemical diseases and clinical information, Harper’s offers an organization and careful balance of detail and brevity not found in any other text on the market. This trusted classic is essential for USMLE review and is unique in that it bridges the gap between textbooks and board reviews.

- Market: Medical students (18,500 per year)
- NEW! Increased number of tables that encapsulate important information, such as vitamin and mineral requirements
- NEW! Every section will now end with USMLE-style questions
DESCRIPTION

Gain a thorough understanding of the principles of biochemistry as they relate to the study of clinical medicine

The Thirtieth Anniversary Edition of Harper's Illustrated Biochemistry combines outstanding full-color illustrations with authoritative integrated coverage of biochemical disease and clinical information. Using brevity and numerous medically-relevant examples, Harper's presents a clear, succinct review of the fundamentals of biochemistry that every student must understand in order to succeed in medical school. Here’s why Harper’s is a must-have text for medical students:

- All fifty-eight chapters emphasize the medical relevance of biochemistry
- Full-color presentation includes more 600 illustrations
- Each chapter includes a section on Biomedical Importance and a summary of the topics covered
- Review questions follow each of the eleven sections
- Case studies in every chapter emphasize the clinical relevance to biochemistry
- NEW coverage of computer-aided drug design; the role of complement cascade in bacterial and viral infection; secreted mediators of cell-cell signaling between leukocytes; the role of mast cells, basophils, and eosinophils; and the hazard of antioxidants that down-regulate radical signaling for apoptosis and increase risk of cancer

Applauded by medical students for its engaging style, currency, and comprehensiveness, Harper’s Illustrated Biochemistry is an essential USMLE review and the single best reference for learning the clinical relevance of any biochemistry topic.

All topics are logically organized under these major headings:
Proteins: Structure & Function; Enzymes: Kinetics, Mechanism, Regulation & Bioinformatics; Bioenergetics; Metabolism of Carbohydrates; Metabolism of Lipids; Metabolism of Proteins & Amino Acids; Structure, Function & Replication of Macromolecules; Biochemistry of Extracellular & Intracellular Communication; Special Topics.

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Peter J. Kennelly, PhD (Blacksburg, VA), Professor and Head, Department of Biochemistry, Virginia Polytechnic Institute and State University.
Victor W. Rodwell, PhD (West Lafayette, IN), Emeritus Professor of Biochemistry, Purdue University.
P. Anthony Weil, PhD (Nashville, TN), Professor of Molecular Physiology and Biophysics, Vanderbilt University School of Medicine.
INTRODUCTION

The most up-to-date, comprehensive, and authoritative pharmacology text in health medicine

Organized to reflect the syllabi in many pharmacology courses and in integrated curricula, Basic & Clinical Pharmacology, 13e covers the important concepts students need to know about the science of pharmacology and its application to clinical practice. Selection of the subject matter and order of its presentation are based on the authors’ many years experience in teaching this material to thousands of medical, pharmacy, dental, podiatry, nursing, and other health science students.

To be as clinically relevant as possible, the book includes sections that specifically address the clinical choice and use of drugs in patients and the monitoring of their effects, and case studies that introduce clinical problems in many chapters. Presented in full color and enhanced by more than three hundred illustrations, Basic & Clinical Pharmacology features numerous summary tables
and diagrams that encapsulate important information.

- Market: Medical students (17,500 per year), 100 pharmacy schools (9,000 students graduate each year), physician assistant students (2,650 per year)
- Everything students need to know about the science of pharmacology and its application to clinical practice
- Includes 330 full-color illustrations, case studies, and chapter-ending summary tables
- Organized to reflect the syllabi of pharmacology courses
- Descriptions of important new drugs

DESCRIPTION

Gain a full understanding of the basic science and clinical use of drugs with the most up-to-date and comprehensive pharmacology text in the health sciences. Enhanced by more than three hundred illustrations -- many in full color

Organized to reflect the course sequence in many pharmacology courses and in integrated curricula, Basic & Clinical Pharmacology, covers the important concepts students need to know about the science of pharmacology and its application to clinical practice. Selection of the subject matter and order of its presentation are based on the authors' many years of experience in teaching this material to thousands of medical, pharmacy, dental, podiatry, nursing, and other health science students.

Features

- Encompasses every aspect of medical pharmacology including botanicals and over-the-counter drugs
- New chapter on pharmacogenomics with important examples
- Emphasis is placed on discussion of drug groups and prototypes
- Clinically relevant, the book includes sections that specifically address the clinical choice and use of drugs in patients and the monitoring of their effects
- Full-color presentation with more than 300 illustrations
- Case studies introduce clinical problems in most chapters
- Summary tables and diagrams encapsulate important information
- Includes many new drugs
- A Generic Name/Trade Name Table appears at the end of most chapters for easy reference when writing a chart order or prescription

ABOUT THE AUTHOR

Bertram G. Katzung, MD, PhD (San Francisco, CA) Professor Emeritus, Department of Cellular and Molecular Pharmacology, University of California, San Francisco.
INTRODUCTION

A well-written, beautifully illustrated reference that creates a bridge of understanding from neurobiology to clinical psychiatry and neurology

Molecular Neuropharmacology first reviews the fundamental biochemistry of the functioning nervous system and then explains in clear, concise and consistent terms how the body’s own molecules (neurotransmitters, hormones, amino acids) affect the nervous system. Finally, the neuropharmacology of many neural disorders or behaviors is then discussed as are the drugs for those problems. In this final section, the authors use the concepts presented in the first two sections to explain how slight irregularities in the biochemistry of neuron interactions can lead to a wide array of clinical manifestations.

Key points start every chapter for a brief overview. Each chapter is packed with figures, tables and text boxes (present on every page and accessible with clear color coding). Over 300 detailed diagrams provide specific information on receptor and drug families, biosynthetic and metabolic
pathways, and interactions between the nervous system and the rest of the body. While simple and elegant, these illustrations are so rich in content that they serve as brief overview of each chapter when viewed alone.

- Market: Psychiatrists (40,000), neurologists (18,000), neuroscientists (40,000+)
- NEW! Chapter on Neuroinflammation
- NEW! All chemical structure illustrations redrawn in consistent style
- Fully updated to reflect new discoveries and new drugs
- As with previous editions, clearly written and easy to understand

ABOUT THE AUTHOR

**Eric J. Nestler, MD, PhD (New York, NY)** Nash Family Professor of Neuroscience; Chairman, Department of Neuroscience and Director of the Mount Sinai Brain Institute, Mount Sinai School of Medicine.

**Steven E. Hyman, MD (Cambridge, MA)** Director, Stanley Center for Psychiatric Research, Broad Institute; Distinguished Service Professor of Stem Cell and Regenerative Biology Harvard University.

**Robert C. Malenka, MD, PhD (Palo Alto, CA)** Nancy Friend Pritzker Professor of Psychiatry and Behavioral Sciences; Director, Nancy Friend Pritzker Laboratory, Stanford University School of Medicine. **David M. Holtzman, MD (St. Louis, MO)** Andrew B. and Gretchen P. Jones Professor of Neurology Charlotte and Paul Hagemann Professor of Neurology Chairman, Department of Neurology Professor, Molecular Biology and Pharmacology Washington University School of Medicine in St. Louis Neurologist-in-Chief, Barnes-Jewish Hospital
DESCRIPTION

Confidently and safely prescribe 1,200 of the most clinically important medications with this handy, carry-anywhere guide

- Includes branded, generic, and over-the-counter medications
- Organized alphabetically by generic drug name
- Provides the details you need on:
  - Mechanisms of action
  - Common usage and dosage
  - Side effects
  - Drug interactions
  - Nursing implications
  - New drugs
  - Patient education
  - More than 110 new drugs and herbs
ABOUT AUTHOR

Judith Barberio PhD, RN, APN, C, ANP, GNP, FNP, SNC is a Clinical Assistant Professor at Rutgers University School of Nursing. In addition to being the author of the annual Nurse's Pocket Drug Guide, she has conducted research on chronic illness, primary health care in urban settings, pharmacology and pain control, and health policy. She is also President of the Rutgers University School of Nursing Alumni Association.
INTRODUCTION

Essential facts about more than 1,400 drugs

This handy, pocket-sized manual includes approximately 1,400 commonly used drugs and presents bottom line, essential clinical data relating to their selection and administration. The key to this book is its conciseness. By focusing on commonly used drugs and leaving out drugs that are rarely if ever used by interns and residents, this manual fills a unique need in the drug/therapeutics book market.

Organized alphabetically by generic drug name, the CPDR lists for each entry selected essential data such as common uses; mechanism of action; dosage (adult and, where applicable, pediatric); warnings and precautions; contraindications, formulations, and common side effects. It also provides a list of the medications organized by drug classification.

- Market: Third year medical students (18,500), fourth year medical students (18,500),
internal medicine residents (12,000), physician assistant students (4,000), physician assistants (40,000), nurse practitioner students (5,000/yr.), nurse practitioners (50,000)

- Covers natural and herbal agents
- Updated to reflect new drugs, removal of drugs taken off the market, new formulations, and changes in approved use of existing medications

**DESCRIPTION**

SAFELY PRESCRIBE AND ADMINISTER MORE THAN 1,200 OF THE DRUGS MOST OFTEN USED IN CLINICAL PRACTICE WITH THIS ULTRA-CONVENIENT POCKET GUIDE!

Updated annually!

- Organized alphabetically by generic drug name
- Common uses, mechanisms of action, dosages (adult and pediatric), precautions/contraindications, form supplied, and notes/common side effects
- Summaries of the FDA's "Blackbox" precautions and contraindications
- Includes a listing of the medications organized by drug classification
- Covers natural and herbal agents
- Updated to reflect new drugs, removal of drugs taken off the market, new formulations, and changes in approved use of existing medications

**ABOUT THE AUTHOR**

Leonard Gomella MD (Philadelphia, PA) is Chair of Urology at Thomas Jefferson University Medical College.
INTRODUCTION

The undisputed “bible” of USMLE Step 1 preparation

This annually updated review book delivers a comprehensive collection of high-yield facts and mnemonics that pinpoint exactly what students need to know to pass the exam. Co-authored by medical students who took the boards in 2014, it provides a complete framework to help students prepare for the most stressful exam of their careers.

- Market: US medical students (18,500 per year) and international medical graduates (12,000)
- 1,200 high-yield facts based on student reporting from the 2014 exam
- Hundreds of clinical images, many in full color
- Updated student ratings of 300+ review products
DESCRIPTION

THE 25TH EDITION OF THE WORLD’S MOST POPULAR MEDICAL REVIEW BOOK!

Trust 25 years of experience for the most effective USMLE Step 1 preparation possible

- 1,200+ must-know facts provide a complete framework for your USMLE prep
- Up-to-date test advice with focus on high-efficiency studying
- Updates and revisions in all subject areas based on feedback from thousands of students
- Extensive faculty review process with nationally known USMLE instructors
- 500+ color photos and diagrams help visualize high-yield concepts
- Expanded guide to high-yield study resources including mobile apps
- Free real-time updates and corrections at www.firstaidteam.com

INSIDER ADVICE FOR STUDENTS FROM STUDENTS


ABOUT THE AUTHOR

Tao Le, MD, MHS (Louisville, KY) is Assistant Professor of Pediatrics at the Division of Allergy and Immunology at the University of Louisville.

Vikas Bhushan, MD (Los Angeles, CA) is a practicing diagnostic radiologist.
INTRODUCTION

Evidence-based, point-of-care information on 1000 diseases and disorders most-often treated by surgeons

This comprehensive, yet concise textbook delivers to-the-point information on 1000 diseases and disorders that surgeons are most often required to treat. Unique in that it encompasses both general surgery and the surgical subspecialties, CURRENT Diagnosis & Treatment Surgery features a consistent find-it-now presentation highlighted by the frequent use of headings, brief and clearly written text, and references appearing within sections.

- Market: general surgeons (40,000 in the USA), surgery residents (4,000), surgeons worldwide (120,000), Medical students (17,000)
- An outstanding review for the USMLE and shelf examinations
- The best introductory text to the field of surgery
DESCRIPTION

Evidence-based, point-of-care information on 1000 diseases and disorders most often treated by surgeons

- Expansive coverage of general surgery and all subspecialties you need to be versed in, including otolaryngology, plastic and reconstructive surgery, gynecology, orthopedics, urology, and pediatrics
- Intuitively organized to help you find answers quickly and easily
- More than 600 photographs and illustrations
- Detailed treatment algorithms
- NEW! Chapter-ending multiple-choice questions
- An outstanding review for the USMLE and shelf exams
- Updated throughout with the latest research and discoveries

Essential for students, residents, practitioners, and surgeons

The best introductory text to the field of surgery

"All medical libraries should acquire this book, which is an outstanding text for medical students."
-- 4-star Doody's review of a previous edition

ABOUT THE AUTHOR

Gerard M. Doherty, MD (Ann Arbor, MI) Thompson Professor of Surgery, Chief of Endocrine Surgery. Section Head of General Surgery, University of Michigan.
INTRODUCTION

Guidelines for more than sixty common outpatient conditions drawn from the most reliable sources

CURRENT Practice Guidelines in Primary Care 2015 provides busy clinicians with quick access to screening, prevention, and treatment guidelines for more than sixty common outpatient conditions. Content is drawn from a wide array of recommendations from government agencies, expert panels, medical specialty organizations, and other professional and scientific organizations.

- Market: Internists (80,000), family physicians (60,000), nurse practitioners (100,000), physician assistants (60,000)
- Spans all areas of general outpatient medicine
- Updated evidence-based content
- Easy-to-follow guideline-based algorithms speed clinical decision making

DESCRIPTION
Instantly access the most current screening, prevention, and management guidelines – compiled from the most authoritative sources!

- Guidelines for more than sixty common outpatient and inpatient complaints -- drawn from government agencies, medical and scientific organizations, and expert panels
- Carefully selected for relevance to the office practice of ambulatory medicine
- Easy-to-apply take-home points are perfect for busy clinicians
- Guideline-based algorithms simplify clinical decision making
- Clinical pearls for all healthcare providers
- Spans all areas of general medicine
- Website addresses for U.S. government agencies and professional societies
- Updated evidence-based content
- More than thirty new topics

ABOUT THE AUTHOR

Joseph S. Esherick, MD (Ventura, CA) is Medical Director of Critical Care Services and Associate Director of Medicine at Ventura County Medical Center, and Associate Clinical Professor of Family Medicine at David Geffen School of Medicine.

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Evan D. Slater, MD (Ventura, CA) is Director of Hematology and Medical Oncology at Ventura County Hospital, and Assistant Clinical Professor of Family Medicine at David Geffen School of Medicine.
INTRODUCTION

The perfect balance of state-of-the-art visuals, practical synoptic text, case examples, and evidence ratings

This beautiful new full-color resource delivers everything internists want and need in an atlas. The book features a strong visual approach, the use of introductory cases in all chapters, complete patient management guidance through efficient synoptic text, the inclusion of evidence grades for diagnosis and treatment recommendations, and patient education material. The easy-to-access, consistent presentation includes more than 1,500 high-quality, full-color clinical, morphologic, laboratory, and radiological images that show the outwardly appearing signs of diseases internists encounter every day.

- Market: Internists (120,000), internal medicine residents (23,000), practicing nurses (3 million/USA)
- More than 1,500 high-quality, full-color clinical images
- Case examples open each chapter
- Covers everything an internist is likely to encounter in practice and on the
certification/recertification exams
• Not just an atlas—a complete, modern, efficient resource for evidence-based patient management

DESCRIPTION

2,000 illustrations enable fast and accurate visual diagnosis of more than 200 internal medicine conditions

This beautiful full-color resource delivers everything practicing internists want and need in an atlas. The book features a strong visual approach, the use of introductory cases in all chapters, complete patient management guidance through concise synoptic text, and the inclusion of evidence grades for diagnosis and treatment recommendations.

The Color Atlas of Internal Medicine utilizes a consistent chapter organization that includes:

• Patient Story
• Epidemiology
• Etiology/Pathophysiology
• Diagnosis
• Differential Diagnosis
• Management
• Prognosis
• Follow Up
• Patient Education

The Color Atlas of Internal Medicine is enhanced by an unsurpassed collection of more than 2,000 high-quality clinical, morphologic, laboratory, and radiological images that represent the signs of the disorders you will most often encounter in everyday practice.

ABOUT THE AUTHOR

Richard Usatine, MD (San Antonio, TX) is Professor of Family Medicine at the University of Texas-San Antonio.
Gary Ferencek, MD (East Lansing, MI) is affiliated with Michigan State University School of Medicine.
INTRODUCTION

A full-color evidence-based atlas created especially for the physical therapist

Color Atlas of Physical Therapy delivers a high-quality visual presentation of the disorders a physical therapist would most likely encounter in daily practice.

Enhanced by more than 1,500 full-color illustrations and concise, evidence-based treatment recommendations, the book features a consistent design that makes information retrieval fast and easy. Each chapter includes Description, Essentials of Diagnosis, General Considerations, Demographics, Signs and Symptoms, Functional Impairments, and Means of Confirming Diagnosis.

- Market: Physical therapists (155,000), physical therapy students (30,000)
- Divided into five sections: Neurological Disorders, Pediatric Development Disorders, Vestibular Disorders, and Associated Medical Disorders
• Chapters begin with a patient story and go on to discuss diagnosis and management

DESCRIPTION

A FULL-COLOR, CASE-BASED PHYSICAL THERAPY ATLAS FOR CLINICIANS AND STUDENTS

MOST CHAPTERS INCLUDE VITAL INFORMATION SUCH AS:

• Condition/Disorder Synonyms
• ICD -9 and 10-CM Codes
• Preferred Practice Patterns
• Patient Presentation
• Key Features:
  o Description
  o Essentials of Diagnosis
  o General Considerations
  o Demographics
• Clinical Findings:
  o Signs and Symptoms
  o Functional Implications
  o Possible Contributing Causes
  o Differential Diagnosis
• Functional Goals
• Means of Confirmation:
  o Laboratory
  o Imaging
• Findings and Interpretation
• Treatment:
  o Medications
  o Medical Procedures
• Referrals
• Impairments
• Tests and Measures
• Intervention
• Prognosis
• References
• Patient Resources

ABOUT THE AUTHOR

Eric Shamus, PhD (Alexandria, VA) is an active member in the American Physical Therapy Association. In 2012, Dr. Shamus became the chief district representative for the Florida Physical Therapy Association assembly.
INTRODUCTION

350 full-color illustrations cover the full scope of dermatology

The only full-color review of dermatology available today, *Dermatology: A Pictorial Review* features a standardized at-a-glance presentation that includes more than 350 illustrations side-by-side with must-know bulleted facts. Covering the full scope of dermatologic conditions found in clinical practice, this richly-illustrate text includes 400 multiple-choice questions with explanations for correct and incorrect answers.

DESCRIPTION

Nearly 600 full-color illustrations review the full spectrum of clinical dermatology

"Ali's book is a much-needed, succinct, accessible and affordably priced overview of clinical dermatology that will be a tremendous aid to dermatologists in training and those seeking a quick review of commonly tested subjects."--Journal of Drugs in Dermatology (reviewing a previous edition)
Delivering 598 full-color illustrations, 400 multiple-choice questions, and concise, bulleted text, this is the perfect review for dermatology-related questions on board examinations or when preparing for certification or recertification. *Dermatology A Pictorial Review* offers comprehensive yet succinct coverage of the diagnosis and management of common dermatologic disorders, as well as some less common but important dermatologic conditions.

Here's why this is the single-best review of clinical dermatology available today:

- 598 full-color photographs for a complete overview of clinical dermatology
- 400 multiple-choice questions with detailed explanations for correct and incorrect answer choices
- A consistent design featuring full-color photographs side-by-side with high-yield bulleted text
- An effective chapter organization that includes principles of diagnosis, differential diagnosis, and considerations for therapy

**ABOUT THE AUTHOR**

_Asra Ali, MD (Houston, Texas)_ is a practicing dermatologist at Advanced Dermatology in Houston, Texas.
INTRODUCTION

A unique combination textbook and procedural atlas

This is the first resource covering the use of surgical procedures to treat dermatologic conditions that combines the features of a traditional textbook with a step-by-step atlas. The book opens with a section on surgical principles, discussing the basic science of skin surgery and principles common to all surgery. The next section covers the different types of surgical procedures performed by dermatologists, such as: Excisions, Mohs Surgery, Repair with Flaps and Grafts, Laser Surgery, Injections and Fillers, and Liposuction and Fat Treatments.

In the second section information on patient selection and preparation, equipment, anesthesia, technique, postop considerations, and pearls for avoiding complications is included for each procedure. In the technique section, the procedures are described in a step-by-step fashion with each critical step illustrated with line drawings and photos.
Market: Dermatologists (18,000 worldwide) and dermatology residents (1400)
Not only provides the latest scientific understanding and principles of dermatologic surgery, but also includes a step by step illustrated atlas that demonstrates how to perform each procedure

DESCRIPTION
A thoroughly modern approach to performing procedures in dermatology

Written in clear, concise language, and backed by the latest evidence, Procedural Dermatology is a practical guide for performing all types of skin procedures for both medical and cosmetic problems.

Procedural Dermatology opens with an informative section on Surgical Principles, that discusses must-know essentials such as head and neck anatomy, preoperative evaluation, anesthesia, aseptic technique, antibiotics, wound healing, and postoperative care. The next four sections (Surgical Skills, Skin Tumors, Aesthetic & Laser Procedures, and Aesthetic Problems) cover the different types of surgical procedures, describing them in step-by-step fashion, with each step illustrated with line drawings and photographs.

Procedural Dermatology compiles current, state-of-the-art information valuable to all practitioners of dermatologic surgery, from the trainees to seasoned surgeons wishing to refine their skills.

ABOUT THE AUTHOR
Marc R Avram MD (New York, NY) is Clinical Professor of Dermatology, Weill Cornell Medical School.
Matthew Avram MD (Boston, MA) is Professor of Dermatology, Harvard Medical School.
INTRODUCTION

An authoritative and user-friendly guide to operative techniques in thoracic surgery

Here, in a single all-inclusive volume, is the sum of clinical knowledge in chest surgery, primarily drawn from the perspectives of internationally known innovators in thoracic surgery. This classic text covers all of the concepts and procedures that comprise the core of the discipline, making it unique among all other general surgery textbooks. Operations and diagnostic procedures are explained in succinct, illustrated technique chapters, making the book ideal for practicing cardiothoracic, thoracic, and general surgeons, as well as for residents, fellows, and allied healthcare providers.

- Market: Surgeons (46,000), Surgical Residents (7,500), Thoracic Surgeons (4,800)
- The content reflects the field's trend for less invasive procedures by including endoscopic and robotic techniques
- Includes 1000 full-color illustrations commissioned especially for the book
DESCRIPTION

The most authoritative, comprehensive, and clinically focused guide to operative thoracic surgery--updated with the latest techniques and technologies

Adult Chest Surgery is a thorough, hands-on guide to the modern practice of general thoracic surgery. Broad in scope and straightforward in style and presentation, this classic is an outstanding reference for any clinician in need of a comprehensive description of the clinical nature of general thoracic surgery.

Like its award-winning predecessor, the second edition of Adult Chest Surgery focuses on providing concise descriptions of current techniques and surgical principles for the most common thoracic surgical problems encountered in the clinic and the operating room. This edition is enhanced by 40 new chapters devoted to a range of topics including new endoscopic techniques for antireflux surgery; percutaneous thoracic tumor ablation; peroral esophageal myotomy; robotic techniques for lobectomy, esophagectomy, and thymectomy; and other new minimally invasive approaches to standard thoracic resections. It is also enriched by more than 250 new detailed illustrations of procedures, bringing the total number to 850.

Adult Chest Surgery features a logical organization based on anatomy, and each section has an overview chapter, which summarizes the relevant anatomy, pathophysiology, and diagnostic and procedural options. Throughout, operations and diagnostic procedures are highlighted in succinct, illustrated technique chapters.

ABOUT THE AUTHOR

David Sugarbaker, MD (Boston, MA) is Chief of Thoracic Surgery at Brigham and Women's Hospital and the Richard E. Wilson Professor of Surgical Oncology at Harvard Medical School.
INTRODUCTION

The first comprehensive book on microsurgery of the upper and lower extremities, head, neck, and trunk

Operative Microsurgery is a practical, full color procedural guide that focuses on surgery of the head, neck and trunk. Written to be the definitive work on the subject, the book features chapter authors who are acknowledged experts in their field and is enriched by a full-color design, more than 150 new, high-quality, atlas-style illustrations, and hundreds of tables, charts, and figures. This unique text will be of special interest to fellows, senior residents, and junior physicians who want to acquire the skills necessary to perform this new type of surgery.

- Market: Plastic surgeons (6,000) and orthopedic surgeons (20,000)
- The book features a consistent presentation, with each chapter focusing on a specific procedure
- Microsurgery is one of the fastest growing medical disciplines
DESCRIPTION

Step-by-step, illustrated guidance on common and difficult microsurgery procedures from the world’s greatest surgeons

Operative Microsurgery is a practical, full-color procedural guide that focuses on surgery of the head, neck, limbs, and trunk. Written to be the definitive work on the subject, this groundbreaking text features chapter authors who are world-renowned experts in the field of microsurgery. Enriched by an extensive collection of full-color atlas-style photographs and illustrations demonstrating dozens of procedures, Operative Microsurgery is divided into 86 chapters, most of which describe a specific operative technique and include all the expert guidance necessary to successfully perform the procedure.

Clear, comprehensive, and authoritative, Operative Microsurgery enables you to:

- Tap into the collective wisdom of some of the brightest, most respected minds in surgery
- Acquire a hands-on working knowledge of key microsurgery procedures that span the entire human body
- Learn with the help of an outstanding collection of full-color photographs and illustrations
- Confidently perform rare and difficult procedures
- Refer to convenient procedure-specific chapters written by pioneers in the field

Operative Microsurgery is an essential resource for microsurgeons across the full spectrum of specialties, including, plastic surgeons, hand surgeons, orthopedic surgeons, oral-maxillofacial surgeons, otolaryngology/head and neck surgeons, and urologists. You will find this text sets a new information standard for experienced surgeons and trainees alike.

ABOUT THE AUTHOR

Neil Jones, MD (Irvine, CA) is affiliated with the Department of Orthopaedic Surgery at the University of California-Irvine.
J. Brian Boyd, MD is affiliated with Harbor-UCLA Medical Center.
INTRODUCTION

A complete introductory text to non-sterile compounding

*Non-Sterile Compounding for Pharmacy Technicians* is written to provide pharmacy tech students with a foundational knowledge of non-sterile compounding and a rigorous certification review. The content is presented in building-block fashion with each chapter building on the previous one. Learning aids include chapter introductions and summaries, “Profiles in Practice” which expose students to real-world pharmacy problems, workplace tips, laboratory activities, and certification-type review questions.

- Market: Pharmacy Tech students (20,000)
- Includes color photographs of various aseptic techniques
DESCRIPTION

LEARN HOW TO PREPARE QUALITY COMPOUNDED PHARMACEUTICALS IN ANY PRACTICE ENVIRONMENT

*Non-Sterile Compounding for Pharmacy Technicians* is written to provide pharmacy technicians with a solid foundational knowledge of non-sterile compounding and to prepare them for the Pharmacy Technician Board Certification examination. It explains in detail the tools, equipment, and documents necessary to ensure the accurate preparation of compounded pharmaceuticals.

You will find easy-to-follow, step-by-step procedures for preparing liquid, solid, and semi-solid compounded dosage forms. Each chapter includes Pharmacy Technician Board Certification-style questions, calculation exercises designed to reinforce key concepts, and discussion topics to promote creative thinking.

*Non-Sterile Compounding for Pharmacy Technicians* covers all the concepts and processes necessary to prepare the student, novice, or seasoned pharmacy technician with the tools to enter this growing pharmacy sector, or enhance their skills in order to be successful in any non-sterile compounding practice environment.

ABOUT THE AUTHOR

Kristy Malacos (Vermillion, OH) is a Pharmacy Administrator at Magruder Hospital.
INTRODUCTION

A complete introductory text to sterile compounding

*Sterile Compounding for Pharmacy Technicians* is written to provide pharmacy tech students with a foundational knowledge of sterile compounding and a rigorous certification review. The content is presented in building-block fashion with each chapter building on the previous one. Learning aids include chapter introductions and summaries, “Profiles in Practice” which expose students to real-world pharmacy problems, workplace tips, laboratory activities, and certification-type review questions.

- Market: Pharmacy Tech students (20,000)
- Includes color photographs of various aseptic techniques
- Workplace Tips provide quick, highlighted tips and comments that replicate the advice of a seasoned IV technician
Profiles in Practice provide practical exercises that simulate real-world pharmacy problems or give students the additional information and resources. Laboratory activities and certification-type review questions conclude each chapter. Three comprehensive math practice tests and Two practice certification Exams

DESCRIPTION

PREPARE SAFE AND QUALITY STERILE PRODUCTS IN ANY PRACTICE ENVIRONMENT

Sterile Compounding for Pharmacy Technicians: Training and Review for Certification is an essential resource for students in pharmacy technician programs and for technicians requiring training for IV certification or employment. It is designed to teach student technicians important theory and concepts of sterile compounding and to keep seasoned practitioners current with the ever-changing regulatory standards, as well as the many new products and technologies designed to minimize contamination and improve quality.

Sterile Compounding for Pharmacy Technicians: Training and Review for Certification is enhanced by easy-to-follow instructional charts and illustrations. Each chapter includes discussion questions, laboratory exercises, practice questions, and PTCB-style review questions. In addition, a sterile compounding final exam is included to provide a complete review of the text.

• INTRODUCTION TO STERILE COMPOUNDING
• EQUIPMENT AND SUPPLIES FOR STERILE COMPOUNDING
• QUALITY CONTROL AND ASSURANCE
• PHARMACY CALCULATIONS
• ASEPTIC TECHNIQUE
• STERILE PRODUCT PREPARATION
• TPN, CHEMOTHERAPY, AND TECHNOLOGY IN THE PHARMACY

ABOUT THE AUTHOR

Kristy Malacos (Vermillion, OH) is a Pharmacy Administrator at Magruder Hospital.