INTRODUCTION

*The world™s bestselling obstetrics book™ revised for today™s practice*

- Market: Obstetricians and gynecologists (52,000), obstetrics and gynecology residents (4,900), physician assistants (83,400), nurse practitioners (180,000)
- Beautiful full-color design includes more than 1,100 illustrations
- Completely reorganized to include all related topics within the same section
- NEW CHAPTERS on The Preterm Infant and Stillbirth; NEW SECTION on Fetal Medicine

DESCRIPTION

*The premier reference in obstetrics for more than a century™now even more relevant to today™s practice*

*Williams Obstetrics* is the most detailed, comprehensive, and rigorously referenced text on the subject. Written by an author team from the world-renowned Parkland Hospital, the hallmarks of
this classic are its thoroughness, scientific basis, and practical applicability for the obstetrician at the bedside. This edition of *Williams Obstetrics* continues to emphasize the scientific-based underpinnings and evidence-based practices of the specialty. This is accomplished by using incorporating more than 3,000 new literature citations and guidelines from the most trusted professional and academic organizations.

One of the important features of the twenty-fourth edition is a greater focus on the fetus as a patient and an expanded discussion of fetal diagnosis and therapy. This is complemented by more than 100 new sonographic and MR images of common fetal abnormalities. A new reorganization of the text enables the book to highlight more effectively the myriad disorders that may complicate pregnancy.

*Williams Obstetrics* provides a convenient, clinically relevant text of value to the busy practitioner. The book summarizes important new data that has influenced evidence-based management to improve pregnancy outcomes. Much of this data is conveniently distilled into newly created tables and diagnostic and treatment algorithms. During discussion, numerous sources are cited to provide evidence-based options for patient management. Additionally, nearly 900 images complement the text, many of which are new or enhanced. These include sonograms, MR images, photographs, diagrams, and graphs. This edition of *Williams Obstetrics* continues to provide clinicians with everything they need to know about the practice of obstetrics with a level of authority and quality of presentation not found in any other resource.

**ABOUT THE AUTHOR**

F. Gary Cunningham, M.D. (Dallas, TX), Professor and Distinguished Chair of Obstetrics and Gynecology, University of Texas Southwestern Medical School and Parkland Hospital.

Kenneth J. Levano, M.D. (Dallas, TX), Professor and Chair of Obstetrics and Gynecology, University of Texas Southwestern Medical School and Parkland Hospital.

Steven L. Bloom, M.D. (Dallas, TX), Professor of Obstetrics and Gynecology, University of Texas Southwestern Medical School and Parkland Hospital.

Catherine Spong, MD (Alexandria, VA) is a practicing neonatologist.

Jodi Dashe (Dallas, TX) is a practicing obstetrician/gynecologist.
INTRODUCTION

A unique quick-reference guide focusing on the practical bedside care of the critically ill pregnant patient

*Obstetric Intensive Care Manual* provides immediate hands-on guidance for managing obstetric care patients in the critical care unit. Presenting treatment information on commonly encountered emergencies such as obstetric hemorrhage, hypertensive crises, and cardiac disease, as well as less frequently seen disorders such as anaphylactoid syndrome of pregnancy, thyroid storm, and psychiatric disorders, this is the perfect resource for busy clinicians who require authoritative how-to answers the moment they are needed.

- Market: Obstetricians and gynecologists (52,000), obstetric-gynecologic residents (4,900) maternal-fetal medicine specialists (2,000), intensivists (6,000)
- Offers step-by-step guidance for outstanding care of critically ill patients
- Numerous summary tables, algorithms, figures, boxed material, and illustrations
- Written in a style that makes even the most complex treatment protocol simple to
DESCRIPTION

A unique how-to manual focusing on the clinical management of the critically ill pregnant patient

Since the release of the first edition more than a decade ago, *Obstetric Intensive Care Manual* has become the go-to guide for obstetricians, intensivists, residents, and nurses seeking immediate, practical guidance on intensive and critical care obstetric issues. Enhanced by numerous summary tables, algorithms, and figures that make essential information instantly retrievable, this is the perfect resource for busy clinicians who require authoritative how-to guidance the moment it is needed. Presenting treatment information on commonly encountered emergencies such as anaphylactoid syndrome of pregnancy, thyroid storm, and psychiatric disorders, this is the perfect resource for clinicians who don’t have time to hunt around for the right answer.

Features:

- Step-by-step guidance for outstanding care of critically ill patients
- Numerous summary tables, algorithms, figures, boxed information, and illustrations
- A presentation that makes even the most complex treatment protocol simple to implement
- The expertise of world-renowned contributors
- Completely updated throughout with an all-new chapter on the management of a sickle cell crisis in pregnancy

ABOUT THE AUTHOR

Michael Foley, MD (Scottsdale, AZ) is Professor of Obstetrics and Gynecology, University of Arizona, Tucson, Arizona. Dr. Foley is also head of Phoenix Perinatal Associates, one of the largest perinatal practices and busiest obstetric critical care units in the world.
ABOUT THE AUTHOR
Author Profile
Raul Uppot, M.D., Instructor in Radiology, Harvard Medical School Assistant in Radiology, Abdominal Imaging/Interventional Radiology Massachusetts General Hospital.
INTRODUCTION

The premier training guide for ultrasound in the intensive care unit

- Market: Emergency physicians (33,000), emergency residents (4,200), diagnostic sonographers (46,000), radiologists (39,000), pulmonary critical care physicians (4,300)
- Companion DVD includes video and image bank

DESCRIPTION

The premier training guide for the use of ultrasound in the intensive care unit

Includes online access to interactive cases and more than 180 videos

"... the authors have succeeded in providing a reference standard to support bedside critical care providers to understand the context for their personal sonographically guided decision-making processes." -- Critical Care Medicine reviewing previous edition

Critical Care Ultrasonography is a complete, hands-on guide to successful image acquisition and interpretation at the bedside. It delivers an all-inclusive, yet concise review of the optimal use and interpretation of ultrasonographic images in everyday practice. With this how-to guide, you'll learn how to systematically apply diagnostic ultrasound as part of an augmented physical examination in an array of therapeutic areas, from emergency medicine to the inpatient ward and intensive care unit.

The book begins with a high-yield overview of the basic principles and physics of ultrasound, while subsequent chapters cover its use in evaluating the organs of the head and neck; the chest, abdomen, and pelvis; and the limbs and musculoskeletal system. A final section considers the use and application of ultrasound to improve the safety and performance of common, invasive procedures.
Features:

- A pioneering, top-to-bottom examination of all the major technical concepts that physicians must know to use ultrasound in everyday clinical practice
- Valuable coverage of clinical algorithms and how to incorporate them into the clinical decision-making process, the formulation of differential diagnosis, and therapeutic recommendations
- Includes online access to more than 180 videos that illustrate the ultrasonographic appearance of normal and abnormal anatomic structures and function
- Color illustrations that depict the use of color in ultrasound images
- An A-to-Z glossary of technical and clinical terms in ultrasonography

ABOUT THE AUTHOR

Alexander Levitov, MD (Roanoke, VA), Professor of Medicine, Eastern Virginia Medical School.

Paul H. Mayo, MD (New Hyde Park, NY) Director, MICU Long Island Jewish Medical Center; Professor of Clinical Medicine Albert Einstein College of Medicine.

Anthony D. Slonim, MD (West Orange, NJ) Executive Vice President and Chief Medical Officer, St Barnabas Health Systems; Professor, Basic Sciences, Internal Medicine and Pediatrics Virginia Tech-Carilion School of Medicine.
INTRODUCTION

A creative and effective way to learn anatomy

- Market: Medical students (18,500/year), nursing students (300,000/year)
- A fun way for students to be able to name and understand the many parts and systems of the human body

DESCRIPTION

A creative, fun, and effective way to learn human anatomy

More than 200 illustrations

If you’re looking for an interesting and innovative way to learn the various parts and systems of the human body, your search ends here!
Anatomy Coloring Book for Health Professionals is a fresh, fun way for students to grasp the big picture of human anatomy through a regional approach (back, thorax, abdomen, pelvis and perineum, head and neck).

Each two-page spread of Anatomy Coloring Book for Health Professionals is organized as follows:

- The left hand page contains a numerated structure list
- The right hand page contains an illustration with each structure annotated by numbers that correlate with the numerated structure list.

Simply choose a color and shade in a term on the left and the correlated structure on the right. Repeat for each structure in the list. White space is provided to enable you to transfer anatomy and clinical information from your lecture notes to the appropriate illustration or term. After an illustration is fully colored and notes have been transferred you will have created your own personalized textbook specific to your anatomy course!

You will find that coloring imprints on your mind the shape and location of each body part, making later visualization much easier. The connection between eye and hand when coloring anatomic structures will prove to be an active and effective way to learn human anatomy.

ABOUT THE AUTHOR

David Morton, MD (Salt Lake City, UT) University of Utah, School of Medicine, Department of Anatomy.
INTRODUCTION

A practical, application-based primer on mechanical ventilation

*Essentials of Mechanical Ventilation, 3e* covers the basics of ventilation management and clinical decision-making for healthcare professionals working in critical care medicine, pulmonary medicine, and anesthesiology. Designed to prepare students to make appropriate decisions based on each patient's disease, the book includes disease-specific chapters on the most common ailments seen by physicians, nurses, and respiratory therapists.

The two authors are recognized as the foremost authorities on mechanical ventilation among respiratory therapists, and have outstanding clinical and scientific experience. Better than competing books, this text is devoted to the principles and practice of clinical management.

- Market: 14,000 respiratory therapy students enrolled in 451 accredited programs in the US, with the majority in community colleges
- NEW 2-color design will appeal to students
DESCRIPTION

A practical application-based guide to adult mechanical ventilation

This trusted guide is written from the perspective of authors who have more than seventy-five years’ experience as clinicians, educators, researchers, and authors. Featuring chapters that are concise, focused, and practical, this book is unique. Unlike other references on the topic, this resource is about mechanical ventilation rather than mechanical ventilators. It is written to provide a solid understanding of the general principles and essential foundational knowledge of mechanical ventilation as required by respiratory therapists and critical care physicians. To make it clinically relevant, Essentials of Mechanical Ventilation includes disease-specific chapters related to mechanical ventilation in these conditions.

Essentials of Mechanical Ventilation is divided into four parts:
Part One, Principles of Mechanical Ventilation describes basic principles of mechanical ventilation and then continues with issues such as indications for mechanical ventilation, appropriate physiologic goals, and ventilator liberation.
Part Two, Ventilator Management, gives practical advice for ventilating patients with a variety of diseases.
Part Three, Monitoring During Mechanical Ventilation, discusses blood gases, hemodynamics, mechanics, and waveforms.
Part Four, Topics in Mechanical Ventilation, covers issues such as airway management, aerosol delivery, and extracorporeal life support.

Essentials of Mechanical Ventilation is a true must read for all clinicians caring for mechanically ventilated patients.

ABOUT THE AUTHOR

Dean R. Hess, PhD, RRT (Boston, MA) is Assistant Professor of Anesthesia at Harvard Medical School, and Assistant Director of Respiratory Care Services at Massachusetts General Hospital, Boston.
Robert M. Kacmarek, PhD, RRT (Boston, MA) is Professor of Anesthesia at Harvard Medical School and Director of Respiratory Care Services at Massachusetts General Hospital, Boston.
INTRODUCTION

Full-color, step-by-step visual guidance on important procedures in orthopedic surgery

This full-color text delivers concise, highly visual, step-by-step instruction on key procedures in orthopedic surgery and helps busy clinicians stay current with the latest techniques and developments. Following a consistent presentation, each chapter details a specific procedure and includes succinct text that covers indications, procedural steps, postoperative considerations, potential pitfalls and complications, and operating tips. Numerous intraoperative, full-color photographs and drawings illustrate finer points of the procedure essential for a successful outcome.

- Market: Orthopedic surgeons in training and in practice (20,000), general surgeons managing trauma (10,000).
- High-quality full-color photographs and illustrations
- Valuable as a review for board certification and recertification
DESCRIPTION

Full-color, step-by-step instruction in the treatment of injuries and disorders of the upper extremity from the shoulder to the fingertip.

With nearly 100 outstanding international contributors and more than 1200 full-color photographs and illustrations, Operative Orthopedics of the Upper Extremity offers the latest, cutting edge treatment of the upper extremity from the shoulder to the fingertips.

The book covers injuries and disorders of the hand, carpus, distal radius, distal radioulnar joint, forearm, elbow, and shoulder. The chapters are organized both by level and anatomic structure starting with repair or reconstruction of the bone, joint and ligaments and progressing to the nerves, tendons and soft tissue. Each chapter includes the indications, contraindications, surgical techniques and postoperative management oftentimes by the originators of the technique, in addition to numerous pearls and possible pitfalls. When reconstruction is not possible, a section on salvage procedures covers the suitable options.

Operative Orthopedics of the Upper Extremity provides a one-stop resource for the treatment of injuries of the upper extremity. It provides essential material for both certification and recertification and will prove to be invaluable to both the entry level surgeon as well as the seasoned operator.

ABOUT THE AUTHOR

David Slutsky, MD (Torrance, CA), Chief of Reconstructive Hand Surgery, Harbor-UCLA Medical Center; Director, Slutsky Hand and Wrist Institute.
INTRODUCTION

The most concise, easy-to-use, and frequently updated medical microbiology and immunology review

- Market: Medical students (18,500/year), physician assistant students (3,000/year)
- Essential for USMLE and medical microbiology course review

DESCRIPTION

The most concise, clearly written, and up-to-date review of medical microbiology and immunology

Essential for USMLE review and medical microbiology coursework!

*Review of Medical Microbiology and Immunology* is a succinct, high-yield review of the medically important aspects of microbiology and immunology. It covers both the basic and clinical aspects of
bacteriology, virology, mycology, parasitology, and immunology and also discusses important infectious diseases using an organ system approach. The book emphasizes the real-world clinical application of microbiology and immunology to infectious diseases and offers a unique mix of narrative text, color images, tables and figures, Q&A, and clinical cases. Content valuable to any study objective or learning style:

- 654 USMLE-style practice questions test your knowledge and understanding
- 50 clinical cases illustrate the importance of basic science information in clinical diagnosis
- A complete USMLE-style practice exam consisting of 80 questions helps you prepare for the exam
- Pearls impart important basic science information helpful in answering questions on the USMLE
- Concise summaries of medically important organisms
- Self-assessment questions with answers appear at the end of each chapter to test your comprehension of the material covered
- Color images depict clinically important findings, such as infectious disease lesions
- Gram stains of bacteria, electron micrographs of viruses, and microscopic images depict fungi, protozoa, and worms
- **NINE NEW CHAPTERS** on infectious diseases from an organ system perspective, including Bone and Joint Infections, Cardiac Infections, Central Nervous System Infections, Gastrointestinal Tract Infections, Pelvic Infections, Upper Respiratory Tract Infections, Lower Respiratory Tract Infections, Skin and Soft Tissue Infections, and Urinary Tract Infections

**ABOUT THE AUTHOR**

Warren Levinson (San Francisco, CA) is a Professor of Microbiology at the Medical School, University of California, San Francisco.
INTRODUCTION

Key concepts, major theories, and advanced trends simplified and explained

- Market: nursing students (300,000), nursing students taking the NCLEX exam (195,000), registered nurses in practice as psychiatric/mental health services (80,000)
- Valuable for students as well as professional nurses transitioning into psychiatric and mental health nursing

DESCRIPTION

Whether you’re a student seeking to excel in a course or a professional nurse transitioning into psychiatric and mental health nursing, this is the book you need to quickly and easily understand the key concepts and advanced trends of this specialty.

In order to make the learning process as effective as possible, Psychiatric and Mental Health Nursing Demystified includes learning objectives in every chapter, along with key terms, a brief overview of topics, content summaries, chapter-ending review questions, and explanatory tables and diagrams. The book also includes a comprehensive final exam with NCLEX-style questions covering all of the content found in the book.

ABOUT THE AUTHOR

Jim Keogh, RN (Jersey City, NJ) is a registered nurse and is on the faculty of New York University and Saint Peter’s College in Jersey City, New Jersey.
INTRODUCTION

An essential evidence-based text that provides a solid foundation for the nursing care of critically-ill patients

Endorsed by the American Association of Critical-Care Nurses and written by top clinical experts in acute care nursing, this textbook thoroughly covers all the need-to-know details on the care of adult, critically ill patients and their families. Supported by helpful tables and algorithms, the book’s practical, building-block organization starts with the basics before proceeding to more complex concepts, paralleling the blueprint for the critical care nursing CCRN certification examination.

Unlike competitive texts which focus on theory, this book is specifically written to have a direct application to real-world practice. Each chapter includes a full case study to demonstrate how the chapter concepts apply to real-life clinical situations.

- Market: 1.6 million nurses working in an acute care environment; 80,000 nursing students
Critical Care courses

- NEW to this edition: two-color design, review questions added to cases
- Provides an excellent review for the CCRN certification exam

DESCRIPTION

Concise yet thorough guidance on how to safely and competently care for adult, critically ill patients and their families

Endorsed by the American Association of Critical-Care Nurses (AACN) and written by top clinical experts in critical care nursing, this textbook covers all the must-know details on the care of adult, critically ill patients and their families. Supported by helpful tables and algorithms, the book’s practical, building-block organization starts with the basics before proceeding to more complex concepts. The book includes essential content found in ECCO (Essentials of Critical Care Orientation, an online program offered by AACN), key information necessary to successfully prepare for CCRN® certification in critical care nursing, and much more!

AACN Essentials of Critical Care Nursing is divided into four sections:

- Section I: The Essentials presents core information that new clinicians must understand to provide safe, competent nursing care to all critically ill patients, regardless of their underlying medical diagnoses.
- Section II: Pathologic Conditions covers pathologic conditions and management strategies commonly encountered among adult critical care patients.
- Section III: Advanced Concepts in Caring for the Critically Ill Patient moves beyond the essentials and presents advanced critical care concepts or pathologic conditions that are less common or more specialized than expected in critical care practice.
- Section IV: Key Reference Information will help clinicians by featuring normal laboratory and diagnostic values, algorithms for advanced cardiac life support, troubleshooting guides for hemodynamic monitoring, summary tables of critical care drugs, and cardiac rhythms and treatment guides.

Learning aids include Knowledge Competencies that can be used to gauge progress and "Essential Content" case studies with questions and answers to further reinforce the learners' knowledge.

ABOUT THE AUTHOR

Suzanne M. Burns, MSN, RRT, ACNP, CCRN, FAAN, FCCM, FAANP (Charlottesville, VA)
Professor Emeritus, School of Nursing, University of Virginia; Consultant, Critical and Progressive Care and Clinical Nursing Research.
INTRODUCTION

*The best Q&A review for the PANCE® and PANRE®*

Featuring a rigorous quick-hit Q&A format consisting of short clinical questions with concise answers, this is truly the most effective weapon when preparing for the physician assistant certification and recertification exam.

The unique question and single-answer format eliminates the guesswork associated with traditional multiple-choice Q&A reviews and reinforces only the answers students need to know on exam day. With content following the NCCPA blueprint, emphasis is placed on distilling key facts and clinical pearls essential for exam success. This high-yield review for is the perfect complement to larger texts and delivers an intense, streamlined review in the days and weeks before the exam.

- Market: Physician assistant residents (6,600), physician assistant students (14,000)
- "Flashcards in a book" presentation
• Covers all core competencies based on National Commission on Certification of Physician Assistants (NCCPA) guidelines
• Fifth Edition includes expanded disease coverage and updated test-taking strategy and information

DESCRIPTION

Everything you need to know for the Physician Assistant exam is right here.

4,000 Questions & Answers

This powerful, result-oriented study guide delivers everything you need to improve knowledge, confidence, and recall. Featuring a rigorous quick-hit Q&A format consisting of short clinical questions with concise answers, this is truly your most effective weapon when preparing for the physician assistant certification and recertification exam.

The unique question and single-answer format eliminates the guesswork associated with traditional multiple-choice Q&A reviews and reinforces only the answers you'll need to know on exam day. With content following the NCCPA blueprint, emphasis is placed on distilling key facts and clinical pearls essential for exam success. This high-yield review for is the perfect compliment to larger texts and delivers an intense, streamlined review in the days and weeks before your exam.

ABOUT THE AUTHOR

Daniel Thibodeau, MHP, PA-C (Norfolk, VA) is an Assistant Professor for the Physician Assistant program at Eastern Virginia Medical School. He also sits on the board of directors for the American Academy of Physician Assistants (AAPA).

Scott Plantz, MD (St. Petersburg, FL) runs a private family medicine practice in St. Petersburg, FL.
INTRODUCTION

A unique practice-oriented introduction to physical pharmacy

Emphasizing relevancy to practice, clarity of presentation, and utilizing practice-oriented examples, Applied Physical Pharmacy, Second Edition is the ideal learning tool for pharmacy students as well as practitioners who want to sharpen their pharmaceutics skills. The goal of the book is to teach how essential physical chemical properties are used in clinical and retail pharmacy practice. The second edition is highlighted by the addition of at least five new chapters, an increased number of cases, and a new two-color design.

- Market: 100 pharmacy schools (100 in the USA); pharmacy students (15,000)
- Dozens of case histories and patient examples reinforce key points and simplify learning
- Includes examples and end-of-chapter questions from clinical and retail pharmacy practice rather than from research and industry
- Written by experts in the teaching of physical pharmacy
- 150 illustrations clarify the text and simplify learning
DESCRIPTION

A unique practice-oriented introduction to physical pharmacy

*Applied Physical Pharmacy* explores the fundamental physicochemical properties and processes important for understanding how drugs are transformed into usable and stable drug products that release their drug upon administration, and for understanding the different processes that the released drug may encounter on its way to its pharmacological target and on its way to being eliminated by the body.

*Applied Physical Pharmacy* begins with a review of key biopharmaceutics concepts of drug liberation, absorption, distribution, metabolism, and excretion. These concepts, which describe the fate of the drug in the body, set the framework for subsequent chapters that describe physicochemical properties and processes such as states of matter, solutions, ionization, dissolution and partitioning, mass transport, complexation, and protein binding. Concepts in these chapters are important for not only understanding a drug’s fate in the body, but also for providing a scientific basis for rational drug formulation and usage. Other physical pharmacy topics important to drug formulation are discussed in the chapters that follow, which describe dispersed systems, rheology, and interfacial phenomena. The book concludes with an overview of the principles of kinetics that are essential to understanding the rates at which many of the processes discussed in previous chapters occur.

To facilitate learning, chapters are enhanced by Learning Objectives, Key Points, Problems, and Clinical Questions. In order to make the book as relevant to real-world practice as possible, this edition includes an increased number of clinical examples and applications.

ABOUT THE AUTHOR

Mansoor Amiji, PhD (Boston, MA) is affiliated with Northeastern College.
INTRODUCTION

More than 160 cases help students develop the problem-solving and decision-making skills necessary to succeed in real-world clinical practice.

Pharmacotherapy Casebook provides the case studies students need to learn how to identify and resolve drug therapy problems they will most likely to encounter in real-world practice.

This new edition is packed with 160 patient cases and makes the ideal study companion to the ninth edition of DiPiro’s Pharmacotherapy: A Pathophysiologic Approach. The case chapters in this book are organized into organ system sections that correspond to those of the DiPiro textbook. By reading the relevant chapters in Pharmacotherapy: A Pathophysiologic Approach readers will be able to familiarize themselves with the pathophysiology and pharmacology of each disease state included in this casebook.

- Market: Nurse practitioners (100,000), pharmacy students (35,000/year), pharmacology students (15,000/year), pharmacists (175,000)
Realistic patient presentations include medical history, physical examination, and laboratory data, followed by a series of questions using a systematic, problem-solving approach.

Compelling range of cases— from the uncomplicated (a single disease state) to the complex (multiple disease states and drug-related problems).

Diverse authorship from more than 190 clinicians from nearly 100 institutions.

**DESCRIPTION**

*More than 150 cases help develop the skills you need to identify and resolve the most common drug therapy problems*

The perfect study companion to *DiPiro's Pharmacotherapy: A Pathophysiologic Approach* More than 40 all-new cases!

*Pharmacotherapy Casebook: A Patient-Focused Approach* delivers 157 patient cases designed to teach you how to apply the principles of pharmacotherapy to real-world clinical practice. The case chapters in this book are organized into organ system sections that correspond to those of the DiPiro textbook. By reading the relevant chapters in *Pharmacotherapy: A Pathophysiologic Approach* you will be able to familiarize yourself with the pathophysiology and pharmacology of each disease state included in this casebook.

Each case teaches you how to:

- Identify real or potential drug therapy problems
- Determine the desired therapeutic outcome
- Evaluate therapeutic alternatives
- Design an optimal individualized pharmacotherapeutic plan
- Develop methods to evaluate the therapeutic outcome
- Provide patient education
- Communicate and implement the pharmacotherapeutic plan

Everything you need to develop expertise in pharmacotherapy decision making:

- Realistic patient presentations include medical history, physical examination, and laboratory data, followed by a series of questions using a systematic, problem-solving approach
- Compelling range of cases—from the uncomplicated (a single disease state) to the complex (multiple disease states and drug-related problems)
- Diverse authorship from more than 190 clinicians from nearly 100 institutions
- Coverage that integrates the biomedical and pharmaceutical sciences with therapeutics
- Appendices containing valuable information on pharmacy abbreviations, laboratory tests, mathematical conversion factors, anthropometrics, and complementary and alternative therapies

**ABOUT THE AUTHOR**
Terry L. Schwinghammer, PharmD, FCCP, FASHP, BCPS (Morgantown, WV), Professor and Chair, Department of Clinical Pharmacy, West Virginia University School of Pharmacy.

Julia M. Koehler, PharmD, (Indianapolis, IN) Professor and Chair, Department of Pharmacy Practice, Butler University, College of Pharmacy and Health Sciences; and Clinical Pharmacist in Family Medicine, Methodist Hospital and the Indiana University-Methodist Family Practice Center, Clarian Health Partners.
INTRODUCTION

A student-friendly way to master the math skills necessary for the allied health profession

- Market: 670 pharmacy technician schools, practicing pharmacy technicians (335,000)
- Can be used as a stand-alone textbook in allied health or a supplement to advanced calculations courses

DESCRIPTION

Don’t let your fear of math hold you back from a rewarding career in nursing or allied health!

Basic Math for Nursing and Allied Health uses an easy-to-understand building-block approach designed to teach you how to correlate basic math concepts with everyday activities and eventually master the more complex calculations and formulas used by nursing and allied health
professionals. This unique text walks you through essential math topics from Arabic and Roman numerals, addition, subtraction, multiplication, division, fractions, decimals, percentage, ratios and proportions, to conversion factors between household and metric measurements. As you complete each chapter, your proficiency and confidence will increase, enabling you to build the foundation necessary for a career in nursing and allied health.

Case studies used throughout the book not only demonstrate the mathematical concepts related to everyday activities and events such as following recipes, sale items/discounts, calculating costs, and adding correct totals, but also show you how to effectively use case studies to master the art of interpreting story problems. You will learn how to extract the correct information needed to properly set up and solve the mathematical equations associated with each case.

Powerful learning aids help you understand and retain key concepts:

- "Recipes for Success" case study scenarios show how mathematical concepts and formulas can be applied to real-life situations
- "Manual Math" tips and reminder boxes reinforce your confidence and knowledge
- Key Terms provides definitions of must-know words and phrases
- Chapter Openers and Chapter Summaries pinpoint must-know take-aways of each chapter
- Practice equations after each concept sharpen your math skills
- End-of-Chapter practice tests help you decide whether you should progress to the next chapter
- Comprehensive review and final exam pinpoint your strengths and areas for improvement

ABOUT THE AUTHOR

Lynn Egler (St. Clair Shores, MI) has been an allied health instructor in the areas of Pharm Tech, Med Term, A/P, Medical Assisting and Surgical Assisting at Dorsey Schools. Dorsey is a large chain of Career schools. Lynn also is a certified pharmacy technician.

Kathryn A. Booth (Palm Coast, FL) is an RN with a Master’s degree in education as well as certifications in phlebotomy, pharmacy technician, and medical assisting. She is an author, educator, and consultant for Total Care Programming, Inc., a multimedia software development company.