



Basic Medical
Sciences
Catalogue

2018



Wolters Kluwer

BASIC MEDICAL SCIENCES

Biochemistry

Lippincott Illustrated Reviews: Biochemistry, 7th Edition

Denise Ferrier



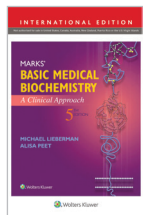
Lippincott Illustrated Reviews: Biochemistry is the long-established, first-and-best resource for the essentials of biochemistry. Students rely on this text to help them quickly review, assimilate, and integrate large amounts of critical and complex information. For more than two decades, faculty and students have praised this best-selling biochemistry textbook for its match illustrations that make concepts come to life.

978-1-4963-6354-1 / 560 pp / Jan 2017

NEW

Marks' Basic Medical Biochemistry: A Clinical Approach, 5th Edition

Michael Lieberman and Alisa Peet

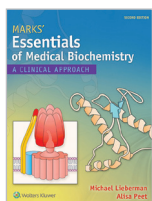


Marks' Basic Medical Biochemistry links biochemistry to physiology and pathophysiology, allowing students to apply fundamental concepts to the practice of medicine – from diagnosing patients to recommending effective treatments. Intuitively organized chapters centre on hypothetical patient vignettes, highlighting the material's clinical applications; helpful icons allow for smooth navigation, making complex concepts easier to grasp.

978-1-4963-8772-1 / 1008 pp / Jun 2017

Marks' Essential Medical Biochemistry: A Clinical Approach, 2nd Edition

Michael Lieberman and Alisa Peet



Marks' Essentials of Medical Biochemistry takes a patient-oriented approach that links biochemistry to physiology and pathophysiology, allowing students to apply fundamental concepts to the practice of medicine. Based on the established text, Marks' Basic Medical Biochemistry, Marks' Essentials is streamlined to focus only on the most essential biochemical concepts, while maintaining intuitively organised chapters centred on hypothetical patient vignettes and helpful icons for smooth navigation.

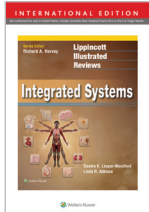
978-1-4511-9006-9 / 672 pp / 475 illus / Dec 2014

BASIC MEDICAL SCIENCES

General Medical Sciences

Lippincott Illustrated Reviews: Integrated Systems

Sandra K. Leeper-Woodford and Linda R. Adkinson



This text integrates topics in the core basic sciences to promote understanding of human body systems. The most clinically relevant disorders are covered to give a thorough grounding in the pathophysiology of each system. The Lippincott Illustrated Review series features clear, effective writing in outline format and hundreds of eye-catching illustrations ideal for review and the assimilation of essential information for course and board exams.

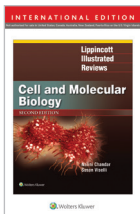
978-1-4963-1518-2 / 464 pp / 510 illus / Jul 2015

Biology

NEW

Lippincott Illustrated Reviews: Cell and Molecular Biology, 2nd Edition

Chandar, Nalini & Viselli, Susan



Lippincott Illustrated Reviews: Cell and Molecular Biology offers a highly visual presentation of essential cell and molecular biology, focusing on topics related to human health and disease. This volume of the internationally best-selling Lippincott Illustrated Reviews Series includes the popular features of the series: an abundance of full-colour annotated illustrations, expanded outline format, chapter summaries, review questions, and case studies that link basic science to real-life clinical situations. The book can be used as a text for a stand-alone cell biology course in medical, health professions, and upper-level undergraduate programs.

978-1-9751-0623-2 / 304 pp / Jan 2018

BASIC MEDICAL SCIENCES

Immunology & Microbiology

Lippincott's Illustrated Reviews: Immunology, 2nd Edition

Thao Doan, Roger Melvold, Susan Viselli and Carl Waltenbaugh



Lippincott's Illustrated Reviews: Immunology offers a highly visual presentation of essential immunology material, with all the popular features of the series: more than 300 full colour annotated illustrations, an outline format, chapter summaries, review questions, and case studies that link basic science to real-life clinical situations. Lippincott's Illustrated Reviews: Immunology can be used as a review text for a short immunology course, or paired with Lippincott's Illustrated Reviews: Microbiology for a combined microbiology/immunology course.

978-1-4511-1154-5 / 400 pp / 300 illus / Aug 2012

NEW

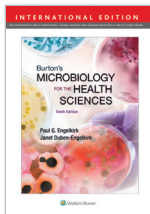
Burton's Microbiology for the Health Sciences, 11th Edition

Paul Engelkirk, Janet Duben-Engelkirk & Robert Fader

978-1-4963-8046-3 / 496 pp / Sep 2018

Burton's Microbiology for the Health Sciences, 10th Edition

Paul G. Engelkirk and Janet Duben-Engelkirk



This market-leading text covers antibiotics and other antimicrobial agents, epidemiology and public health, hospital-acquired infections, infection control and the ways in which microorganisms cause disease—all at a level of detail appropriate for allied health students. To ensure content mastery, the book clarifies concepts, defines key terms, and is packed with in-text and online learning tools that make the information clear and easy to understand.

978-1-4511-8634-5 / 496 pp / 285 illus / Sep 2014

Schaechter's Mechanisms of Microbial Disease, 5th Edition

N. Cary Engleberg, Victor DiRita and Terence S. Dermody

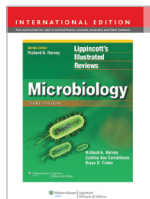


Schaechter's Mechanisms of Microbial Disease provides students with a thorough understanding of microbial agents and the pathophysiology of microbial diseases. The text is universally praised for “telling the story of a pathogen” in an engaging way, facilitating learning and recall by emphasising unifying principles and paradigms, rather than forcing students to memorise isolated facts by rote. The table of contents is uniquely organised by microbial class and by organ system, making it equally at home in traditional and case-based curricula.

978-1-4511-0005-1 / 848 pp / 521 illus, 130 tables / June 2012

Lippincott's Illustrated Reviews: Microbiology, 3rd Edition

Richard A. Harvey and Cynthia N. Cornelissen



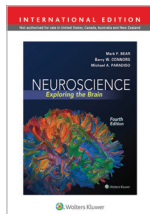
This text enables rapid review and assimilation of large amounts of information about medical microbiology. The book has the hallmark features for which Lippincott's Illustrated Reviews series' are so popular: an outline format, 450 full-color illustrations, end-of-chapter summaries, review questions, plus an entire section of clinical case studies with full-color illustrations. 5 additional case studies have been included, bringing the total to 19. Review questions have been reformatted to comply with USMLE Step 1 style, with clinical vignettes.

978-1-6091-3999-5 / 448 pp / 475 illus, 30 tables / Oct 2012

Neuroscience

Neuroscience: Exploring the Brain, 4th Edition

Mark F. Bear, Barry W. Connors and Michael A. Paradiso



Acclaimed for its clear style, excellent illustrations, leading author team, and compelling theme of exploration, **Neuroscience: Exploring the Brain** takes a fresh and contemporary approach to the study of neuroscience, emphasizing the biological basis of behavior. The 4th Edition has been fully updated to reflect rapid changes and advances in the field, while honoring its commitment to be student-friendly with striking new illustrations, additional animations, and an unparalleled array of online resources.

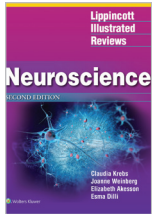
978-1-4511-0954-2 / 1008 pp / 700 illus / March 2015

BASIC MEDICAL SCIENCES

NEW

Lippincott Illustrated Reviews: Neuroscience, 2nd Edition

Claudia Krebs

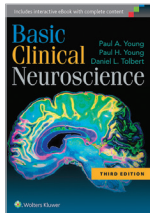


Lippincott Illustrated Reviews: Neuroscience presents essential coverage of this core basic science discipline within an integrated framework, bringing neuroanatomy and neurophysiology together and demonstrating how they are applied in a clinical context. It offers all the most popular features of the bestselling Lippincott Illustrated Reviews series, including abundant full-colour, annotated illustrations, chapter overviews, an expanded outline format, chapter summaries, and review questions that link basic science to real-life clinical situations.

978-1-4963-6789-1 / 480 pp / Nov 2017

Basic Clinical Neuroscience, 3rd Edition

Paul A. Young, Paul H. Young and Daniel L. Tolbert



Basic Clinical Neuroscience provides clear, detailed coverage of clinically oriented aspects of neuroanatomy and neurophysiology to help medical and health professions students better understand neurological and neurosurgical disorders and prepare for board exams. Through concise descriptions of functional systems, the book helps students understand the anatomic and pathophysiologic basis for neurologic abnormalities. Students have consistently praised the book for its exceptionally clear explanations of concepts. The 3rd Edition is enhanced by full color illustrations, additional case studies, clinical images, review questions, and clinical correlations.

978-1-4511-7329-1 / 464 pp / 277 illus / Feb 2015

NEW

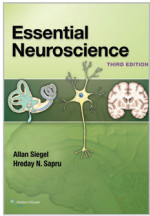
Essential Neuroscience, 4th Edition

Allan Siegel and Hreday N. Sapru

978-1-4963-8240-5 / 624 pp / Sep 2018

Essential Neuroscience, 3rd Edition

Allan Siegel and Hreday N. Sapru



Essential Neuroscience integrates must-have neuroscience information with clinical and physiological considerations to help readers master the fundamentals of neuroscience and prepare for board and course exams. Concise, clinically relevant coverage and student-friendly. A step-by-step book starting with the basic building blocks of neural anatomy and expanding to cover structures and functions, the interaction of systems and the science of clinical disorders. The 3rd Edition includes additional MRIs and Case Studies and updated text, art and review questions based on student feedback.

978-1-4511-8968-1 / 608 pp / 306 illus / 2014

Pathology

NEW

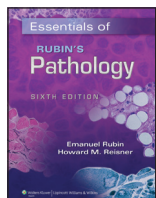
Principles of Rubin's Pathology, 7th Edition

Emanuel Rubin and Howard Reisner

978-1-4963-5032-9 / 624 pp / Oct 2018

Essentials of Rubin's Pathology, 6th Edition

Emanuel Rubin and Howard Reisner



Essentials of Rubin's Pathology, Sixth Edition is a condensed version of Rubin's flagship pathology text, Targeted to students in allied health fields, including dentistry, nursing, physical therapy, physician assistant, chiropractic, and occupational therapy, **Essentials of Rubin's Pathology** follows the same format as Rubin's Pathology, covering principles and mechanisms of pathology in the first section and organ-specific pathology in the second section.

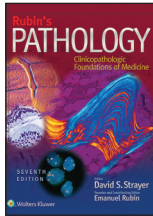
978-1-4511-1023-4 / 704 pp / 852 illus, 66 tables / May 2013

BASIC MEDICAL SCIENCES

Pharmacology

Rubin's Pathology: Clinicopathologic Foundations of Medicine, 7th Edition

David Strayer and Emanuel Rubin



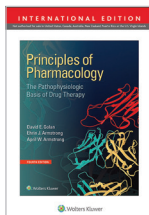
Rubin's Pathology sets the foundation for medical training and practice with expert coverage of disease processes and their effects on cells, organs, and individuals. Now in its 7th Edition, the text is praised for having a perfect balance of basic pathology and bedside perspective, without extraneous detail that's beyond the boards.

This edition has new chapters on aging, autoimmune diseases, forensic pathology, pregnancy, sepsis, plus extensively revised and extended chapters on amyloidosis, obesity, diabetes mellitus and metabolic syndrome

978-1-4511-8390-0 / 1616 pp / 2115 illus / 200 tables / Aug 2014

Principles of Pharmacology: The Pathophysiologic Basis of Drug Therapy, 4th Edition

David E. Golan, Ehrin J. Armstrong and April W. Armstrong

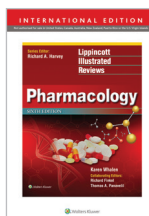


Principles of Pharmacology: The Pathophysiologic Basis of Drug Therapy offers an integrated mechanism-based and systems-based approach to contemporary pharmacology and drug development. An easy-to-follow format helps first and second year student's grasp challenging concepts quickly and efficiently. Each chapter presents a clinical vignette illustrating a therapeutic problem within a physiologic or biochemical system; followed by a discussion of the biochemistry, physiology, and pathophysiology of the system; and concluding with a presentation of the pharmacology of the drugs and drug classes that activate or inhibit the system by interacting with specific molecular and cellular targets.

978-1-4963-2057-5 / 1024 pp / 400 illus / Mar 2016

Lippincott's Illustrated Reviews: Pharmacology, 6th Edition

Karen Whalen



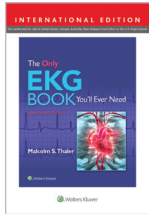
Lippincott Illustrated Reviews: Pharmacology is the updated, enhanced version of the student-favorite resource for essentials of medical pharmacology. The first-and-best resource, the Lippincott Illustrated Reviews series features clear, effective writing and hundreds of illustrations for ideal rapid review and the assimilation of complex information. Clear, sequential images present mechanisms of action and focus on showing rather than telling students how drugs work.

978-1-4698-8756-2 / 540 pp / 570 illus / 2014

Physiology

The Only EKG Book You'll Ever Need, 9th Edition

Malcolm Thaler

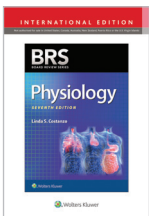


Clear and concise, *The Only EKG Book You'll Ever Need* has provided quick and accurate discussions on using an EKG to diagnose cardiac and non-cardiac conditions for nearly 30 years. This ninth edition is packed with full-colour illustrations, real-world clinical scenarios, and step-by-step instructions—giving you the practical guidance you need to use an EKG in actual clinical settings with patients.

978-1-9751-0806-9 / 384 pp / Feb 2018

BRS Physiology, 7th Edition

Linda S. Costanzo



The leading physiology book on the market, this bestselling title in the Board Review Series offers a concise, highly efficient review of all essential physiology concepts covered in the first and second year of medical school, as well as more than 350 clinical vignette-style multiple-choice questions to help students prepare for course exams and practice for the USMLE Step 1. Abundant illustrations, flow charts, and tables facilitate study. An interactive question bank on thePoint uses the same chapter and comprehensive exam questions from the book to provide interactive exam practice online.

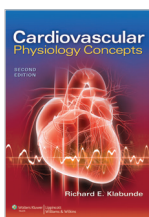
Students will appreciate the book's comprehensive, yet efficient assistance in preparing for course exams as well as the USMLE Step 1.

Instructors will welcome the masterful educational approach of Linda S. Costanzo, PhD, who excels in communicating complex physiology concepts in an accessible manner. A comprehensive image bank on thePoint makes preparing lecture slides a snap.

978-1-9751-0669-0 / 336 pp / 145 illus / May 2018

Cardiovascular Physiology Concepts, 2nd Edition

Richards E. Klabunde



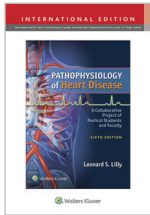
Now in its 2nd edition, this highly accessible monograph lays a foundation for understanding of the underlying concepts of normal cardiovascular function. Students of medicine and related disciplines welcome the book's concise coverage as a practical partner or alternative to a more mechanistically oriented approach or an encyclopedic physiology text. A focus on well-established cardiovascular principles reflects recent, widely accepted research from the field.

978-1-4511-1384-6 / 256 pp / 136 illus, 16 tables / Sep 2011

BASIC MEDICAL SCIENCES

Pathophysiology of Heart Disease: A Collaborative Project of Medical Students and Faculty, 6th Edition

Leonard S. Lilly



Specifically designed to prepare medical students for their initial encounters with patients with heart disease, this award-winning text bridges basic cardiac physiology with clinical care. Written by internationally recognized Harvard Medical School faculty and select medical students, this text provides a solid foundation of knowledge regarding diseases of the heart and circulation. Under the experienced editorial guidance of Dr. Leonard S. Lilly, this best-selling monograph has an outstanding reputation among medical students and faculty worldwide. Student-friendly features of the 6th Edition include a full-color design and illustrations; end-of-chapter summaries; updated content, including recent technological advances; and access to an interactive eBook.

978-1-4963-0869-6 / 512 pp / 246 illus / Sep 2015

NEW

Lippincott Illustrated Reviews: Pharmacology, 7th Edition

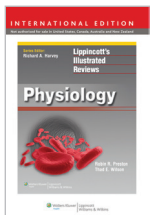
Karen Whalen

This text enables rapid review and assimilation of large amounts of information about medical microbiology. The book has the hallmark features for which Lippincott's Illustrated Reviews series' are so popular: an outline format, 450 full-color illustrations, end-of-chapter summaries, review questions, plus an entire section of clinical case studies with full-color illustrations. 5 additional case studies have been included, bringing the total to 19. Review questions have been reformatted to comply with USMLE Step 1 style, with clinical vignettes.

978-1-9751-0670-6 / 576pp / Nov 2018

Lippincott Illustrated Reviews: Physiology, 6th Edition

Robin R. Preston and Thad E. Wilson

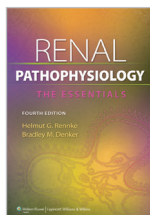


Lippincott's Illustrated Reviews: Physiology brings physiology clearly into focus, telling the story of who we are, how we live, and, ultimately, how we die. Identifying organ function and then showing how cells and tissues are designed to fulfill that function, this text decodes this simply. Each element was tailored for ease of use and fast content absorption. Artwork, Clinical Applications, and Unit Review Questions teach and reinforce the most essential concepts in physiology, perfect for classroom learning and test/boards preparation!

978-1-4511-7567-7 / 432 pp / 420 illus / Aug 2012

Renal Pathophysiology: The Essentials, 4th Edition

Helmut G. Rennke and Bradley M. Denker



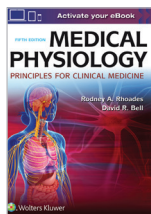
Renal Pathophysiology: The Essentials offers medical students a case-based approach to learning the mechanisms of renal disease. Each chapter covers a disease, beginning with a patient case and followed by a discussion of the pathophysiology of the disease. Issues of differential diagnosis and therapy are linked to pathophysiologic mechanisms. Short questions interspersed throughout the text require students to apply their knowledge. Detailed answers to the questions are included.

978-1-4511-7338-3 / 392 pp / 145 illus, 32 tables / Aug 2013

NEW

Medical Physiology: Principles for Clinical Medicine, 5th Edition

Rodney A. Rhoades and David R. Bell

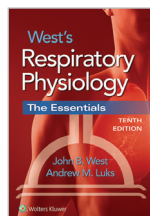


Medical Physiology: Principles for Clinical Medicine richly presents the physiology knowledge necessary for clinical practice. Along with the latest information on how the human body reacts to internal and external changes, the text provides a deep understanding of how physiologic systems coordinate to maintain optimal health.

978-1-4963-1046-0 / 880 pp / July 2017

West's Respiratory Physiology: The Essentials, 10th Edition

John B. West



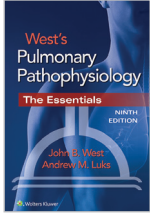
West's Respiratory Physiology: The Essentials is the gold standard text for learning respiratory physiology quickly and easily. This readable, must-have text serves as an introduction to students and a review for licensing and other exams. This Edition features the addition of Dr. Andrew M. Luks as co-author along with new clinical vignettes, additional multiple-choice review questions, and updated information on key topics in respiratory physiology, such as blood flow and metabolism, gas transport by the blood, and the physiology of high altitude.

978-1-4963-1011-8 / 224 pp / 100 illus / Oct 2015

BASIC MEDICAL SCIENCES

Pulmonary Pathophysiology: The Essentials, 9th Edition

John B. West

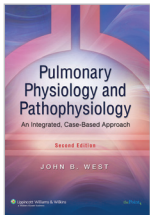


West's Pulmonary Pathophysiology: The Essentials offers accessible explanations of disease processes that affect the respiratory system. This best-selling companion to West's Respiratory Physiology, Tenth Edition has served generations of students. Dr. John B. West, together with new co-author Dr. Andrew M. Luks, presents the vital knowledge you need in a concise, straightforward manner that's easy to understand.

978-1-4963-3944-7 / 224 pp / Mar 2017

Pulmonary Physiology and Pathophysiology: An Integrated, Case-Related Approach, 2nd Edition

John B. West



Pulmonary Physiology and Pathophysiology presents normal and abnormal pulmonary function in the same case-based format that has made the 1st edition a favorite among students. Each chapter begins with a clinical case study of diseases typically seen by practitioners. The cases are followed by a discussion and breakdown of the physiology, pathophysiology, anatomy, pharmacology, and pathology for each disease, and a question-and-answer section. This edition has an infectious diseases chapter, updates on asthma pathogenesis and bronchodilators, and user-friendly features such as chapter openers, chapter outlines, "key points" summary boxes, and board-formatted

questions and answers.

978-0-7817-6701-9 / 150 pp / 181 illus / Jan 2007

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