

Physiology Secrets 2nd Edition

Practical Guide to Exercise Physiology gives health and fitness professionals the confidence to design physiologically sound exercise programs and explain to clients the science supporting the program design.

This text explains how the respiratory system functions and provides a framework for understanding many respiratory diseases. It was developed as a working text with problem-solving exercises for students. The book covers pulmonary anatomy and microstructure, mechanics, gas exchange, acid-base balance, and control mechanisms. Unlike other texts, it strikes a good balance between the principles of pulmonary gas exchange, neural control, and integrative aspects of respiration.

For more than 30 years, the highly regarded Secrets Series® has provided students and practitioners in all areas of health care with concise, focused, and engaging resources for quick reference and exam review. Urgent Care Secrets, a new volume in this bestselling series, features the Secrets' popular question-and-answer format that also includes lists, tables, and an easy-to-read style – making reference and review quick, easy, and enjoyable. The proven Secrets® format gives you the most return for your time – concise, easy to read, engaging, and highly effective. Provides an evidence-based approach to medical and traumatic complaints presenting to urgent care centers, focusing on presenting signs and symptoms, differential diagnosis, office management, and when to refer for higher level of care. Covers the full range of essential topics for understanding today's practice of urgent care – essential information for physicians, nurse practitioners, and physician assistants. Clear illustrations, figures, and flow diagrams expedite reference and review. Top 100 Secrets and Key Points boxes provide a fast overview of the secrets you must know for success in practice and on exams.

Fetal and Neonatal Secrets by Drs. Richard Polin and Alan Spitzer, uses the success formula of the highly popular Secrets Series to offer fast answers to the most essential clinical questions in fetal and neonatal medicine. With its user-friendly Q&A format, practical tips from neonatologists and fetal medicine experts, and "Key Points" boxes, this portable and easy-to-read medical reference book provides rapid access to the practical knowledge you need to succeed both in practice and on board and recertification exams. "Fetal and Neonatal Secrets is a book with an alternative setup that offers answers to a wide spectrum of clinical questions in the field of fetal and neonatal medicine. The book covers both fetal and neonatal medicine, and could be relevant for junior doctors aiming to become obstetricians or pediatricians." Reviewed by: Acta Obstetrica et Gynecologica Scandinavica, January 2015 Get the evidence-based guidance you need to provide optimal care for your fetal and neonatal patients. Zero in on key fetal and neonatal information with a question and answer format, bulleted lists, mnemonics, and practical tips from the authors. Enhance your reference power with a two-color page layout, "Key Points" boxes, and lists of useful websites. Review essential material efficiently with the "Top 100 Secrets in Fetal and Neonatal Medicine" – perfect for last-minute study or self-assessment. Apply all the latest pediatric advances in clinical fetal neonatology techniques, technology, and pharmacology

This popular reference presents essential knowledge on physical diagnosis and health assessment in a practical and engaging question-and-answer format. A wealth of high-quality illustrations guide you through the first and most important of challenges involved in diagnosing any patient: performing the history and physical exam. Assessment techniques are highlighted and weighted based on their clinical importance. This detailed, highly focused and practical guide will equip you with the skills you need to confidently evaluate your patients! The proven question-and-answer format of the highly acclaimed Secrets Series® makes it easy to master all of the most important "need-to-know" information on physical diagnosis. Chapters are arranged by body system for practical, easy retrieval of key information. Author pearls, tips, memory aids, and "secrets" provide concise answers to the common questions encountered in everyday practice. The "Top 100" Secrets of History Taking and Physical Examination are conveniently listed in one place for quick review. A new chapter on interpreting presenting symptoms and physical findings to facilitate diagnosis. Key Points boxes in each chapter place essential information at your fingertips. 100 new line drawings clarify key concepts. The Secrets Heart and Lung Sounds Workshop—both in CD-ROM and online format—is available for purchase with the book, and through Student Consult online access, and features audio clips from actual patients, along with Dr. Mangione's commentary and a 32-page downloadable manual, to help you obtain the maximum diagnostic benefit from listening to heart and lung sounds. STUDENT CONSULT access allows you to view the complete contents of the book online, anywhere you go...perform quick searches...and add your own notes and bookmarks.

For more than 30 years, the highly regarded Secrets Series® has provided students and practitioners in all areas of health care with concise, focused, and engaging resources for quick reference and exam review. Dermatology Secrets, 6th Edition, offers practical, up-to-date coverage of the full range of essential topics in this dynamic field. This highly regarded resource features the Secrets' popular question-and-answer format that also includes lists, tables, pearls, memory aids, and an easy-to-read style – making inquiry, reference, and review quick, easy, and enjoyable. The proven Secrets Series® format gives you the most return for your time – succinct, easy to read, engaging, and highly effective. Fully revised and updated, including protocols and guidelines that are continuously evolving and that increasingly dictate best practices. Abundantly illustrated in full color throughout. Top 100 Secrets and Key Points boxes provide a fast overview of the secrets you must know for success in practice and on exams. Bulleted lists, mnemonics, practical tips from leaders in the field – all providing a concise overview of important board-relevant content. Portable size makes it easy to carry with you for quick reference or review anywhere, anytime.

Get quick answers to the most important clinical questions with Cardiology Secrets! Using the popular and trusted Secret Series® Q&A format, this easy-to-read cardiology book

provides rapid access to the practical, "in-the-trenches" know-how you need to succeed both in practice, and on cardiology board and recertification exams. Get the evidence-based guidance you need to provide optimal care for your patients with cardiac heart diseases. Explore effective solutions to a full range of clinical issues including the general examination, diagnostic procedures, arrhythmias, symptoms and disease states, valvular heart disease, cardiovascular pharmacology, and other medical conditions with associated cardiac involvement. Zero in on key information with bulleted lists, mnemonics, practical tips from the leading cardiologists, and "Key Points" boxes that provide a concise overview of important board-relevant content. Review essential material efficiently with the "Top 100 Secrets in Cardiology" - perfect for last-minute study or self-assessment. Apply all the latest advances in clinical cardiology techniques, technology, and pharmacology. Access the complete text and illustrations online at Expert Consult, fully searchable.

This core textbook defines the pathophysiologic mechanisms underlying the disease states commonly encountered by pre-hospital care providers. The chapters are short, clinically focused and specific to the diseases, disorders, and traumatic conditions of critical interest to the EMT and pre-hospital environment. Each chapter identifies the appropriate drugs and management guidelines to be used. Designed to bridge the gap between EMT and the Physician in all emergent or acute conditions, the book includes management cautions and tips are highlighted throughout the presentation. The book is tailored specifically to the curriculum for EMT training.

The highly popular Secrets Series® presents an important new resource for veterinarians in this comprehensive, yet focused, coverage of one of the most important and fastest-emerging specialties in veterinary medicine. Among the topics covered are Patient Management, Preparation, Pharmacology, Monitoring, Anesthetic Complications, Anesthesia and Systemic Disease, Special Anesthetic Considerations, Regional Anesthesia, and Pain Management for Small Animals. Emerging area of pain management is covered as well as anesthesia Greene one of the major authorities on pain management Proven Secrets format makes this a unique offering

Fetal and Neonatal Secrets, by Drs. Richard Polin and Alan Spitzer, uses the success formula of the highly popular Secrets Series to offer fast answers to the most essential clinical questions in fetal and neonatal medicine. With its user-friendly Q & A format, practical tips from neonatologists and fetal medicine experts, and "Key Points" boxes, this portable and easy-to-read medical reference book provides rapid access to the practical knowledge you need to succeed both in practice and on board and recertification exams. Get the evidence-based guidance you need to provide optimal care for your fetal and neonatal patients. Zero in on key fetal and neonatal information with a question and answer format, bulleted lists, mnemonics, and practical tips from the authors. Enhance your reference power with a two-color page layout, "Key Points" boxes, and lists of useful websites. Review essential material efficiently with the "Top 100 Secrets in Fetal and Neonatal Medicine" - perfect for last-minute study or self-assessment. Apply all the latest pediatric advances in clinical fetal neonatology techniques, technology, and pharmacology. Access the complete and fully searchable text and illustrations online at Expert Consult.

Textbook in neuroscience used in teaching undergraduate as well as graduate students for education in specialized fields of medicine. A source of information for researchers in neuroscience, psychology, audiology etc.

A unique compilation of expertise on anatomy, physiology, clinical issues, and current research, this textbook analyzes the range of presentation with age, ethnicity, symptoms, disorders, diagnoses, and toxicity. The second edition of this essential resource for anyone taking care of female patients has been doubled in scope to include additional chapters. All physicians, whether dermatologists or gynaecologists, as well as those researching the scientific evidence and symptoms, will benefit from the experience of the expert contributors and editors gathered here.

Get the most from your study time, and experience a realistic USMLE simulation, with Rapid Review Physiology, 2nd Edition, by Dr. Thomas A. Brown. This new reference in the highly rated Rapid Review Series is formatted as a bulleted outline with clinical images, tables and figures that make it easy to review all the physiology information you need to know for the USMLE. And with Student Consult online access, you can become familiar with the look and feel of the actual exam by taking a timed or a practice online test that includes 350 USMLE-style questions. Review the most current information with completely updated chapters, images, and questions. Profit from the guidance of series editor Dr. Edward Goljan, a well-known author of medical review books, who reviewed and edited every question. Take a timed or a practice test online with more than 350 USMLE-style questions and full rationales for why every possible answer is right or wrong. Access all the information you need to know quickly and easily with a user-friendly, two-color outline format that includes High-Yield Margin Notes. Study and take notes more easily with the new, larger page size. This edition thoroughly updated, including student and resident reviewer feedback to ensure relevancy and focus. Practice with a new testing platform on the USMLE Consult testing engine that gives you a realistic review experience and fully prepares you for the exam.

"Tell me what you eat and I will tell you what you are," declares French author Jean Anthelme Brillat-Savarin in one of the aphorisms that introduces this 1825 masterpiece on the subject of cooking as an art and eating as a pleasure. Humorous, satirical, and convivial, this extended paean to the joys of food and drink has earned an enduring place in the world's literature. Brillat-Savarin found his true passion in gastronomy, asserting that "the discovery of a new dish does more for the happiness of mankind than the discovery of a new star." In his sparkling anecdotal style, he offers witty meditations on the senses, the science of gastronomy, the erotic virtue of truffles, hunting wild turkeys in America, Parisian restaurants, the history of cooking, corpulence, diets, the best ways of making coffee and chocolate, and a hundred other engaging topics. He also shares some of his best recipes, including tunny omelette, pheasant, and Swiss fondue. No cook, chef, gourmet, or lover of fine food should miss this landmark in the gastronomic literature, a timeless work that has charmed and informed two centuries of epicures.

Physiology Secrets Elsevier Health Sciences

Combining two separate textbooks entitled Essentials of Human Physiology for Pharmacy and Essentials of Pathophysiology for Pharmacy into one cohesive volume, this new book seamlessly integrates material related to normal human physiology and pathophysiology into each chapter. Chapters include: Study objectives at the beginning of each chapter; Summary

tables, flow charts, diagrams, and key definitions; Real life case studies to emphasize clinical application and stimulate student critical thinking; An emphasis on the rationale for drug therapy; Simple, straightforward language. Written by authors with extensive teaching experience in the areas, Essentials of Human Physiology and Pathophysiology for Pharmacy and Allied Health is a concise learning instrument that will guide students in pharmacy and allied health programs.

Dr. Joishy and a group of internationally recognised contributors, with a focus on interdisciplinary care, cover in question-and-answer format all the important elements of this new speciality of medicine. Covered are pain and symptom management as well as care for physiological, emotional, social, and spiritual well being of the patient. Quick and practical reference for making on-the-spot decisions in palliative care. Offers solutions to ethical dilemmas facing caregivers in the terminal stages of illness. Perfect for preparing for boards in palliative care. Appropriate for nurses taking hospice nursing qualification exam. Supplemental book for pain management boards.

Textbooks on human physiology abound. However, they are either basic in nature or are rigorous treatments written for medical and graduate students and exceed the level of detail that student pharmacists need. Putting important topics right at your fingertips, Essentials of Human Physiology for Pharmacy describes physiology with just the right amount

GI/Liver Secrets Plus, 4th Edition, by Peter R. McNally, DO, FACP, FACG - a volume in the popular Secrets Series® - uses a convenient Q&A approach to provide rapid reference and review of today's most common GI and liver disorders and their management. An expanded size and layout, user-friendly two-color page layout, question-and-answer approach, and list of the "Top 100 GI/Liver Secrets" make it a perfect concise board review tool and a handy clinical reference. Updated coverage throughout equips you with all of the most current and essential knowledge in the field. Uses bulleted lists, tables, boxes, short answers, and a highly detailed index to expedite reference. Includes Key Points and memory aids in each chapter that make it perfect for board review or clinical reference. Covers all of today's most common GI and liver disorders and their management. Features the new "Secrets PLUS" format - with an expanded size and layout, more information, and more visual elements - for easier review and an overall enhanced reference experience. Contains new images and illustrations to provide more detail and offer a clearer picture of what is seen in practice. Incorporates revisions throughout to provide you with an up-to-date overview of gastroenterology and hepatology, including new chapters on Esophageal and Stomach Pathology, Pathology of the Lower GI Tract, Gastroesophageal Reflux and Esophageal Hernias, and Surgery of Achalasia and Esophageal Cancer. Offers reorganized and expanded sections covering the bowels and colon for more specific and easier reference: Small and Large Bowel Disorders; Colon Disorders; and General Symptoms and Conditions.

Provides all of the anatomy and physiology knowledge a massage therapist needs in a way they can better understand! Applied Anatomy and Physiology for Manual Therapists is a clear, accurate, simple, and comprehensive A&P textbook that focuses on the needs of students in manual therapy education programs. It is a focused text that deliberately emphasizes the information manual therapists need to be familiar with in order to understand the benefits, effects, indications, and contraindications of their specific form of manual therapy. The text includes detailed information not covered in standard A&P texts, adding an entire chapter on neuromuscular and myofascial connections (Chapter 8), and separating the structure and function of the lymphatic system (Chapter 11) from immunity and healing (Chapter 12). This, along with chapter features such as Manual Therapy Applications, Pathology Alerts, and What Do You Think questions, help readers build bridges between the scientific facts and the application of that information to their therapeutic practice.

This new book from The Secrets Series® covers not only mechanisms of action, uses, and pharmacokinetics of all major drugs and new arrivals, it also includes a clear explanation of the physiology and biochemistry behind the concepts-and it relates this material to clinical pharmacology and therapeutics. Perfect for the current pharmacology curriculum and practical enough for everyday clinical use.

Excellent quick refresher for practitioners and nurses Presents coverage of major drugs as well as new arrivals Geared toward use in pharmacology courses Appendix discusses areas in pharmacology that are difficult for students (e.g., cardiac action potential) Concise answers that include the author's pearls, tips, memory aids, and "secrets" Bulleted lists, algorithms, and illustrations for quick review 50 succinct chapters written by experts their fields All the most important "need-to-know" questions and answers in the proven format of the highly acclaimed Secrets Series® Thorough, highly detailed index

For the two-semester A&P lab course. Practical, active learning exercises with a visual approach Visual Anatomy & Physiology Lab Manual (Stephen Sarikas) brings all of the strengths of the revolutionary Visual Anatomy & Physiology textbook (Martini/Ober/Nath/Bartholomew/Petti) to the lab. The 2nd Edition builds upon the visual approach and modular organization with new features to better prepare you for lab, maximize your learning, and reinforce important concepts. With an emphasis on clear, easy to follow figures (from the Martini Visual A&P text), frequent practice, and helping you make connections, the manual provides you with the powerful tools you need to excel. The two-page lab activity modules seamlessly integrate text and visuals to guide you through lab activities—with no page flipping. Lab practice consists of hands-on activities and assignable content in Mastering™ A&P, including new pre-lab quizzes, Review Sheets, and virtual lab study tools. Also available with Mastering A&P Mastering™ A&P is an online homework, tutorial, and assessment program designed to engage students and improve results. Instructors ensure that students arrive ready to learn in lab by assigning content before class, and encourage critical thinking and retention with in-class resources such as Learning Catalytics™. Students can further master concepts after class through assignments that provide hints and answer-specific feedback. With a wide range of activities available, students can actively learn, understand, and retain even the most difficult concepts. Note: You are purchasing a standalone product; Mastering™ A&P does not come packaged with this content. Students, if interested in purchasing this title with Mastering A&P, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab & Mastering, search for: 0134554906 / 9780134554907 Visual Anatomy & Physiology Lab Manual, Pig Version Plus Mastering A&P with eText -- Access Card Package Package consists of: 0134552199 / 9780134552194 Visual Anatomy & Physiology Lab Manual, Pig Version 0134448685 / 9780134448688 Mastering A&P with Pearson eText -- ValuePack Access Card -- for Visual Anatomy & Physiology Lab Manual Students can use the URL and phone number below to help answer their questions: <http://247pearsoned.custhelp.com/app/home> 800-677-6337

Written and reviewed by students, residents, and experts, and led by bestselling review author Dr. Ted O'Connell, Crush Step 1, 2nd Edition, is the perfect review resource you need to score high on this high-stakes exam. This comprehensive, focused resource is the most effective review tool available for truly understanding the material on which you'll be tested. Up-to-date, easy-to-read, high-yield coverage of all the material tested on the exam. Numerous color images, helpful lists, and quick-reference tables help students retain and recall information quickly. Review questions for each chapter test student mastery of core knowledge and aid retention of high-yield facts. Test prep strategies help readers identify and understand question stems rather than memorizing buzz words. A new review board of current students and residents, as well as authors who scored within the 99th percentile on the USMLE Step 1, ensures relevance and accuracy.

"Questions you will be asked; Q&A format; High-yield case studies; insider's study tips"--Cover.

For more than 30 years, the highly regarded Secrets Series® has provided students and practitioners in all areas of health care with concise, focused, and engaging resources

for quick reference and exam review. Hypertension Secrets, 2nd Edition, offers practical, up-to-date coverage of the full range of essential topics in this dynamic field. This highly regarded resource features the Secrets' popular question-and-answer format that also includes lists, tables, pearls, memory aids, and an easy-to-read style - making inquiry, reference, and review quick, easy, and enjoyable. The proven Secrets Series® format gives you the most return for your time - succinct, easy to read, engaging, and highly effective. Covers the full range of pathophysiology, natural history, and diagnosis and management of hypertension for in-training or practicing professionals. Fully revised and updated, including protocols and guidelines that are continuously evolving and that increasingly dictate best practices. Includes chapters on obstructive sleep apnea; drug- or alcohol-induced hypertension; hypertension and diabetes, the obese individual, African Americans, the elderly, thyroid disorders, and pregnancy; and the role of device therapy. Top 100 Secrets and Key Points boxes provide a fast overview of the secrets you must know for success in practice and on exams. Bulleted lists, mnemonics, practical tips from global leaders in the field - all providing a concise overview of important board-relevant content. Portable size makes it easy to carry with you for quick reference or review anywhere, anytime. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

This Second Edition is designed to provide a resource for exercise clinicians working with patients suffering from a wide variety of chronic diseases and disabilities beyond cardiovascular and pulmonary disease, including orthopedic, neurologic, metabolic, musculoskeletal, neoplastic, and immunodeficiency conditions. Following the authors' expert advice and illustrative case studies, readers will learn how to work with these often underserved populations by providing them with exercise evaluation, prescription, supervision, education, and outcome evaluation. Each chapter, dedicated to a specific disease or disorder, gives a solid understanding of epidemiology, pathophysiology, diagnosis, and medical and surgical treatments. A companion Website will offer the fully searchable text and interactive quizzes.

Provides students with a thorough grounding in those aspects of cardiovascular physiology that are crucial to understanding clinical medicine. A perfect review for the USMLE Step 1, the Fifth Edition features updated sections on muscle contractile processes and membrane potential, a new appendix with normal values for major cardiovascular variables, and updated study questions and case presentations.

Inside the Book: Anatomy and Chemistry Basics The Cell Tissues The Integumentary System Bones and Skeletal Tissues The Skeletal System Joints Muscle Tissue The Muscular System Nervous Tissue The Nervous System The Sensory System The Endocrine System The Cardiovascular System The Lymphatic System The Immune System and Other Body Defenses The Respiratory System The Digestive System The Urinary System The Reproductive System Review Questions Resource Center Glossary Index Why CliffsNotes? Access 500 additional practice questions at www.cliffsnotes.com/go/quiz/anatomy_physiology Go with the name you know and trust Get the information you need—fast! CliffsNotes Quick Review books give you a clear, concise, easy-to-use review of the basics. Introducing each topic, defining key terms, and carefully walking you through each sample problem, these guides help you grasp and understand the important concepts needed to succeed. The essentials FAST from the experts at CliffsNotes Master the Basics—Fast Complete coverage of core concepts Easy topic-by-topic organization Access hundreds of practice problems at www.cliffsnotes.com/go/quiz/anatomy_physiology

Addressing common misconceptions concerning the dermatologic composition and assessment of vulvular skin, this book is a unique compilation of current research and information on the anatomy, physiology, toxicology, microbiology, and diagnosis of the vulva and surrounding anatomical structures. A must-have source for anyone treating female patients, this source considers age and ethnicity factors and analyzes a wide range of symptoms, skin conditions, and diseases that physicians may encounter when caring for female patients.

This completely updated top-seller in physical medicine and rehabilitation continues the tradition of the highly popular Secrets Series®. From anatomy and physiology of the nervous and musculoskeletal system to medical complications in rehabilitation to work and rehabilitation-this book presents all the key elements you need for clinical use, rounds, and board preparation. Expedites reference and review with a question-and-answer format, bulleted lists, mnemonics, and tips from the authors. Features a two-color page layout, "Key Points" boxes, and lists of useful web sites to enhance your referencing power. Includes a chapter containing the "Top 100 Secrets" in physical medicine and rehabilitation, enabling you to quickly review essential material. Comes in a convenient pocket size for easy access to key information.

Concise and easy to use, USMLE Step 2 Secrets, by prolific author Theodore X. O'Connell, MD, is an effective, high-yield review for achieving success on this high-stakes exam. Presented in the popular, time-tested Secrets® Q&A format, this bestselling USMLE review book prepares you for the broad-based diagnosis, treatment, and management questions you'll face on the vignette-style USMLE exam. The proven Secrets® format gives you the most return for your time – concise, easy to read, engaging, and highly effective. Essential questions and answers cover the key conditions you will be expected to recognize, all specialty and subspecialty topics, and necessary clinical concepts. Top 100 Secrets, tips, and memory aids provide a fast overview of the secrets you must know for success in practice and on exams. Portable size makes it easy to carry with you for quick reference or review anywhere, anytime. Thoroughly updated to ensure that content reflects the current USMLE exam. New color images added throughout, plus numerous figures, tables, and summary boxes for visual overview of essential, board-relevant content.

Nephrology Secrets, 3rd Edition, by Drs. Edgar V. Lerma and Allen R. Nissenson, gives you the nephrology answers you need to succeed on your rotations and boards.. Its

unique, highly practical question-and-answer format, list of the "Top 100 Nephrology Secrets," and user-friendly format make it perfect for quick reference. Get the most return for your study time with the proven Secrets® format -- concise, easy to read, and highly effective. Skim the "Top 100 Secrets" and "Key Points" boxes for a fast overview of the secrets you must know for success on the boards and in practice. Enjoy faster, easier review and master the top issues in nephrology with mnemonics, lists, quick-reference tables, and an informal tone that sets this review book apart from the rest. Carry it with you in your lab coat pocket for quick reference or review anytime, anywhere. Handle each clinical situation with confidence with chapters completely updated to reflect the latest information. Find the answers you need faster thanks to a new, more streamlined and problem-based organization. Get the high-yield answers you need to address top nephrology questions

Edited by past presidents of the American Medical Society for Sports Medicine, Netter's Sports Medicine, 2nd Edition, is a superbly illustrated, go-to sports medicine resource for the outpatient office, the training room, on the sideline, and for certification preparation. Designed for quick reference, this interdisciplinary reference by Drs. Christopher Madden, Margot Putukian, Eric McCarty, and Craig Young, is organized by both topic and sport, so you can find what you need quickly. Whether you are a primary care physician managing a common or unique musculoskeletal injury in an ambulatory setting ... an orthopaedic surgeon gaining insight about a medical or psychological problem foreign to the cast or operating room ... an athletic trainer figuring out a diagnosis in the training room ... or a physical therapist pursuing further in-depth sports medicine knowledge, this reference gives you the guidance you need to keep athletes and other active patients at the top of their game. More than 1,000 superb Netter graphics, tables, figures, pictures, diagnostic images, and other medical artwork highlight the easy-to-read, bulleted text. Ideal for the sports clinician, team physician, and any health care professionals who provide care to athletes and active individuals. New chapters on travel considerations for the athlete, EKG interpretation, cardiac disease, diagnostic imaging and ultrasound, injury prevention protocols, equestrian sports and rodeo medicine, mixed martial arts, and many more. Up-to-date coverage of nutritional supplements, eating disorders, sports and pharmacology for chronic conditions and behavioral medicine, and extreme and adventure sports.

A concise, clinically oriented overview of physiology Medical Physiology: A Systems Approach offers a succinct yet thorough overview of physiology along with an introduction to basic science principles and their relevance to the clinical expression of disease. The book reflects medical education's increased emphasis on providing students with more clinically oriented content during their first two years of medical school and the importance of the essential concepts of pathophysiology. Focused and clearly written, Medical Physiology: A Systems Approach details the major physiological processes involved in both health and disease. Each chapter begins with a list of Objectives, includes Key Concepts, and ends with Study Questions designed to test your knowledge of major concepts covered in that chapter. Most chapters also include Clinical Correlations that reinforce the major physiological principles covered and illustrate their importance to understanding disease states.

Stay up to date on the latest common and uncommon rheumatic disorders with Rheumatology Secrets Plus. This enhanced medical reference book addresses the treatment of common and uncommon rheumatic disorders, with each chapter reviewing basic immunology and pathophysiology, important disease manifestations, and practical management issues. The user-friendly style of the popular Secrets Series® makes this updated volume a valuable addition to your library! Review basic immunology and pathophysiology, important disease manifestations, and practical management issues related to rheumatic disorders. Apply the latest knowledge and techniques with content thoroughly updated by leaders in the field. Quickly review key concepts with improved "Plus" formatting, such as larger figures and easier-to-read text. Enhance your reference power through a question-and-answer format, bulleted lists, mnemonics, "Key Points" summaries, lists of useful web sites, and practical tips from the authors. Improve content knowledge with a special chapter containing "Top 100 Secrets," providing an overview of essential material for last-minute study or self-assessment. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, references, and videos from the book on a variety of devices.

Physiology Secrets, 2nd Edition is a good balance of basic physiology and clinical applications with comprehensive coverage of physiology. As basic science courses are increasingly becoming problem-based, with an emphasis on clinical applications of basic science principles, the Secrets approach is ideally suited to present this kind of information. In its basic Q & A format, this approach is also especially well suited to focusing on the key information in each area of what can be a difficult subject of study. Concise answers with valuable pearls, tips, memory aids, and "secrets" Includes multiple choice "Final Exam" Q&A Raff now editor of leading undergrad physiology book, Vander's Physiology. Will have increased name recognition. New chapters include Cell Signaling, Physiology of Bone, Endocrine-Metabolic Integration, Endocrine-Immune Interactions, and Physiology of Aging Raff has become an increasingly major name in Physiology and is now on the author team of the Vander Physiology text from McGraw-Hill (competitor to Guyton and Hall) All chapters have been updated and expanded, with special focus on strengthening and expanding the Cardiovascular chapter.

Whether you're preparing for the OCS or just want to brush up on your orthopedic knowledge, you don't want to be without Placzek and Boyce's new third edition of Orthopaedic Physical Therapy SECRETS. As with previous editions, SECRETS covers a variety of different physical therapy concepts, healing modalities, specialties, and orthopedic procedures to ensure you are well-prepared to pass the OCS and provide the best orthopedic therapy options for today's patients. Common diseases are included as well as more innovative diagnostic tools. Each chapter features thoroughly updated content that's entirely evidence-based and outcome-based. This ebook also features insightful anecdotes — including clinical tips, memory aids, and secrets — and helpful review tools — such as bulleted lists, algorithms and illustrations — to help you thoroughly master all aspects of orthopedic physical therapy practice. Coverage of topics found on the orthopedic specialty exam makes this a useful review resource for those studying for the exam. Clinical tips provide insightful guidance on a variety of clinical situations and tasks. Charts, tables, and algorithms simplify information into logical frameworks. Evidence-based content supports the latest orthopedic research. Strong chapter on the shoulder and hand succinctly presents important information on this complex topic. Annotated references provide a useful tool for research. NEW! Completely updated content reflects the latest physical therapy guidelines. NEW! Electronic-only format makes this study tool completely portable and accessible on a variety of devices such as the Kindle, Nook, iPad, and more.

Now in its Eighth Edition, this leading comprehensive manual helps nurses deliver safe, effective, and informed care for patients undergoing diagnostic tests and procedures. The book covers a broad range of laboratory and diagnostic tests and studies that are delivered to varied patient populations in varied settings. Tests are grouped according to specimen and function/test type (e.g. blood, urine, stool, cerebrospinal fluid, etc.). Each test is described in detail, with step-by-step guidance on correct procedure, tips for accurate interpretation, and instructions for patient preparation and aftercare. Clinical Alerts highlight critical safety information.

Now in its second edition, Sports Medicine: Study Guide and Review for Boards is the leading comprehensive review text surveying the breadth of nonsurgical sports medicine. Covering topics pertinent to (and found on) the Sports Medicine board examination, the book is intended as a primary study tool for candidates preparing for the exam or recertification. All of the subject areas tested on the boards are represented, including basic science and general procedures, health promotion and preventive interventions, emergency assessment and care, and diagnosis, management, and treatment of the full range of

sports-related injuries and conditions. The editors have used the exam content outline as a blueprint for organizing the book so the space allotted to each chapter reflects the corresponding emphasis of the topic on the exam. For the Second Edition, all chapters have been completely revised and updated to reflect the latest information and practice guidelines. A new section devoted to „Hot Topics,“ features new chapters on regenerative medicine and sports ultrasound, two rapidly expanding areas. This edition also contains a practice test with over 250 questions to help candidates identify knowledge gaps and fine-tune test taking skills prior to the examination. This proven resource for board review, program, or practical use provides the concise, high-yield facts that residents, fellows, trainees, and clinicians in any discipline need to supplement their training in non-operative sports medicine. Key Features: Written in outline format for easy access to pertinent information Provides a comprehensive review of all topics covered on the Sports Medicine Board examination Editors and contributors are renowned experts and teachers in the field of sports medicine and relevant medical and surgical specialties Includes more than 100 figures and tables to illustrate key points and enhance learning New practice test assesses clinical knowledge and assists with final preparation for boards, MOC, or in-training exams
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