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This text presents the fundamentals of biochemistry and related topics for all those pursuing medical or other health-related fields such as clinical chemistry, medical technology, or pharmacology. Note to Readers: Publisher does not guarantee quality or access to any included digital components if book is purchased through a third-party seller. Praise for the Third Edition: "The author has done it again, producing an excellent, concise resource that provides clinicians with an optimal solution for studying for the written board examination." © Doody's Review Service, 2015, Alan Ansel, MD (Shirley Ryan AbilityLab) This fourth edition of the incomparable review bible for the Physical Medicine and Rehabilitation Board Examination has been thoroughly updated to reflect current practice and the core knowledge tested on the exam. Recognized for its organization, consistency, and clarity through editions, the book distills the essentials and provides focused reviews of all major PM&R topics including stroke, traumatic brain injury, musculoskeletal medicine, spinal cord injuries, pain management, and more. Every chapter in the fourth edition has been rigorously evaluated and refreshed to ensure that the information is accurate and up to date. Sections on cancer treatment and rehabilitation, rheumatologic disease, and ultrasound have been significantly upgraded to incorporate new board requirements and changes in criteria for diagnosis and management. Written in outline format for easy access to information, Physical Medicine and Rehabilitation Board Review, Fourth Edition is modeled on the content blueprint for the Self-Assessment Examination for Residents (SAE-R) used by residents nationwide. Board pearls are indicated with an open-book icon to highlight key concepts and flag important clinical and board-eligible aspects of each topic. The topics are divided into major subspecialty areas written by author teams with clinical expertise in the subject and reviewed by senior specialists in each area. More than 500 signature illustrations—now with color added—clarify and reinforce concepts. In addition to its proven value as the primary resource for Board preparation and MOC, the book is also a trusted clinical reference for day-to-day practice needs. New to the Fourth Edition: Thoroughly reviewed, revised, and updated to reflect current practice and core knowledge tested on Boards Significant upgrades to ultrasound content Expanded sections on cancer treatments and rehabilitation along with rheumatologic guidelines and treatments, including new criteria for diagnosis Addition of color to highlight artwork and content areas Key Features: Board "Pearls" are highlighted with an open-book icon to flag key concepts and stress high-yield aspects of each topic Covers all topics on the content outliple for the Self-Assessment Examination for Residents (SAE-R) used by residents nationwide Authored by physicians with special interest and expertise in their respective areas and reviewed by senior specialists in those areas Organizes information in outline format and by topic for easy reference Includes over 500 detailed illustrations to clarify concepts Provides updated epidemiologic and statistical data throughout Prepared by residents and attending physicians at Massachusetts General Hospital, this pocket-sized looseleaf is one of the best-selling references for medical students, interns, and residents on the wards and candidates reviewing for internal medicine board exams. In bulleted lists, tables, and algorithms, Pocket Medicine provides key clinical information about common problems in internal medicine, cardiology, pulmonary medicine, gastroenterology, nephrology, hematology-oncology, infectious diseases, endocrinology, and rheumatology. This Fifth Edition is fully updated and includes a sixteen-page color insert with key and classic abnormal images. If you purchased a copy of Sabatine: Pocket Medicine 5e, ISBN 978-1-4511-8237-8, please make note of the following important correction on page 1-36: Oral anticoagulation (Chest 2012;141:e531S; EBJ 2012;33:2719; Circ 2013;127:1916) · All valvular AF as stroke risk very high · Nonvalv. AF: stroke risk ~4.5%/y; anticoag @ 68% ~ stroke; use a risk score to guide Rx: CHADS2: CHF (1 point), HTN (1), Age =75 y (1), DM (1), prior Stroke/TIA (2) CHA2DS2-VASc: adds 65–74 y (1) =75 y (2), vasc dis. [MI, Ao plaque, or PAD (1)]; ? (1) score ≥2 @ anticoag; score 1 @ consider anticoag or ASA (? latter reasonable if risk factor age 65-74 y, vasc dis. or ?); antithrombotic Rx even if rhythm control [SCORE CORRECTED] · Rx options: factor Xa or direct thrombin inhib (non-valv only; no monitoring required) or warfarin (INR 2-3; w/ UFH bridge if high risk of stroke); if Pt refuses anticoag, consider ASA + clopi or, even less effective, ASA alone (NEJM 2009;360:2066) Please make note of this correction in your copy of Sabatine: Pocket Medicine 5e immediately and contact LWW's Customer Service Department at 1.800.638.3030 or 1.301.223.2300 so that you may be issued a corrected page 1-36. You may also download a PDF of page 1-36 by clicking [HERE](#). All copies of Pocket Medicine, 5e with the ISBN: 978-1-4511-9378-7 include this correction. This clinically focused text is written for all health care professionals who diagnose and treat patients with occupational and environmental injuries, disorders, and exposures. Its broad coverage and emphasis on basic concepts also make it an ideal text for students and residents. Major topics include occupational health; occupational injuries; occupational illnesses; occupational exposures; program management; and environmental health. A convenient primer of biostatistics and epidemiology appears in the appendix. Book jacket. Prevent, evaluate, and manage diseases that can be acquired in tropical environments and foreign countries with The Travel and Tropical Medicine Manual. This pragmatic resource equips medical providers with the knowledge they need to offer effective aid, covering key topics in pre- and post-travel medicine, caring for immigrants and refugees, and working in low-resource settings. It's also the perfect source for travelers seeking quick, easy access to the latest travel medicine information. Dynamic images illustrate key concepts for an enhanced visual understanding. Evidence-based treatment recommendations enable you to manage diseases confidently. This eBook allows you to search all of the text, figures, images, and references from the book on a variety of devices. Highlights new evidence and content surrounding mental health and traveling. Covers emerging hot topics such as Ebola virus disease, viral hemorrhagic fevers, the role of point-of-care testing in travel medicine, and antibiotic-resistant bacteria in returning travelers and students traveling abroad. Includes an enhanced drug appendix in the back of the book. Tethered to Kelley's Textbook of Internal Medicine, Fourth Edition, the Review of Internal Medicine discloses what one must know to pass the boards and offers the most complete exam support available. Take advantage of the topic overviews, expert coaches, and more than 1,100 exam-type questions that are cross-referenced to Kelley's textbook, and be prepared for the boards. This comprehensive volume captures the latest scientific evidence, technological advances, treatments and impact of biotechnology in hyperbaric oxygen therapy. Divided into three distinct sections, the book begins with basic aspects that include history, equipment, safety and diagnostic approaches; this is followed by clinical applications for hyperbaric oxygen therapy in various modalities; the last section provides an overview of hyperbaric medicine as a specialty with best practices from around the world. Integration of multidisciplinary approaches to complex disorders are also covered. Updated and significantly expanded from previous editions, Textbook of Hyperbaric Medicine, 6th Edition will continue to be the definitive guide to this burgeoning field for students, trainees, physicians and specialists. Now thoroughly updated and revised, this best-selling volume in the popular Step-Up series provides a high-yield review of medicine, ideal for preparing for clerkships or clinical rotations, shelf exams, and the USMLE Step 2. Clinical pearls, full-color illustrations, and "Quick Hits" provide essential information in an efficient, easy-to-remember manner, perfect for medical, physician assistant, and nurse practitioner students. Step-Up to Medicine, Fourth Edition delivers exactly what you need to know--both for exam preparation and for practical use in the evaluation and treatment of patients. Content is thoroughly updated and revised, based on extensive research with faculty and students. Enhanced high-yield outline format, Quick Hits, and Clinical Pearls make this edition even more time-saving and practical. A new 100-question, clinically-oriented practice exam is a practical self-assessment tool to prepare for the questions you will face in clinical practice. Succinct, outline approach keeps "extra" material to a minimum, focusing on the core content you need to know. Clinical pearls help you "file away" clinical connections for handy retrieval at test time and aid in the transition from basic science to clinical medicine. Easy-to-follow algorithms show examples of effective clinical reasoning, particularly for similar complaints. Numerous charts, tables, graphs, and mnemonics aid visual learners and facilitate easy retention of essential material. Coverage includes every essential area of medicine, including body system diseases and disorders; fluids, electrolytes, and acid-base disorders; hematologic diseases and neoplasms; infectious diseases; diseases of the skin and hypersensitivity disorders; and ambulatory medicine. Helpful appendices cover radiographic and electrocardiogram interpretation, physical examination pearls, workup and management of common problems on the wards, basic statistics and evidence-based medicine, and end-of-life issues and informed consent. • All concepts of ECG, from basics to advanced have been covered • All 2017 updates for the management of various diseases have been extensively covered • EEG concepts have been simplified for conceptual understanding • All recent protocols have been covered at relevant places • Diseases like diabetes and AIDS have been updated with relevant recent amendments • Latest updates from CMTD 2018 have been covered throughout the text Confidently diagnose, treat, and manage patient conditions with the only comprehensive book on the market devoted solely to equine internal medicine. Filled with fully updated content on principles of treatment and contributions from internationally known equine experts, Equine Internal Medicine, 4th Edition focuses on the basic pathophysiologic mechanisms that underlie the development of various equine diseases. A problem-based approach outlines how to apply the latest clinical evidence directly to the conditions you will encounter in practice. A new companion website with over 120 video clips presents diseases and disorders that cannot be explained as well through words Updated information throughout, including the most recent drug information. Current and well-referenced content on equine diseases and treatment techniques cites the latest books and journals. Internationally known equine experts present information on problems affecting horses throughout the world — and provide contributions that enable practitioners and students to approach disease and treatment of equine patients with more authority and understanding. User-friendly exterior and interior design makes the book appealing to both the equine internal medicine practitioner and the veterinary student. Easy-to-find information facilitates a more thorough understanding with minimal frustration. Organized and consistent coverage among chapters allows you to easily find information on a specific topic. NEW! Fully updated and revised sections on disorders and principles of treatment. NEW! Problem-based approach outlines how to apply the latest clinical evidence directly to the conditions you will encounter in practice. NEW! Pathophysiology is emphasized throughout, providing a sound basis for discussions of the diagnosis, treatment, and prognosis that follow. NEW! Body systems chapters begin with a thorough discussion of the diagnostic method appropriate to the system, including physical examination, clinical pathology, radiography, endoscopy, and ultrasonography. NEW and UNIQUE! Companion website includes more than 120 video clips linked to content from chapters on cardiovascular and neurologic system disorders. NEW! Flow charts, diagrams, and algorithms clarify complex material. The closest a student can get to the wards without seeing patients! Designed to teach through clinical cases, this text offers 60 of the most common clinical problems in emergency medicine along with case discussion questions, clinical pearls, key terms and concepts, and USMLE-style questions and answers to reinforce learning. This is an excellent study guide for the emergency medicine shelf exam and the USMLE Step 2. 'Fitness for Work' provides information and guidance on the effects of medical conditions on employment and working capability. Every significant medical problem is covered, including the employment potential and assessment of anyone with a disability. Legal and ethical aspects are also addressed. Job: South-Paul et al: Lange CURRENT Diagnosis & Treatment in Family Medicine, 2e back cover copy 0071461531; 9780071461535[title]Lange CURRENT Diagnosis & TreatmentFamily MedicineSecond Edition[authors]Jeannette E. South-Paul, MDSamuel C. Matheny, MD, MPHEvelyn L. Lewis, MD, MA[left column][headline]The family physician's time-saving answer book Everything you need to keep pace with today's practice of family medicine-including common medical disorders, obstetrics, sports injuries, emergencies, and geriatrics Quick-access reference for the diagnosis, treatment, and management of clinical conditions seen in primary care Perfect for clinical reference, USMLE Step 3 review, board certification review, and maintenance of certification activities[right column][headline]The most convenient, authoritative overview of family medicine and primary care-completely updated and expanded! Up-to-the-minute, evidence-based advice, including complementary and alternative treatments where appropriate Recommendations for both immediate and ongoing management strategies Numerous algorithms, charts, and tables Developmental organization with sections on infants and children, adolescents, adults, and the elderly Easy-to-follow format for disease-specific chapters NEW! Increased coverage of heart disease, emergency medicine topics, and more NEW! Review of the most recent competency requirements of culture medicine and health disparities NEW! Chapters on genetics and pharmacogenomics in clinical practice CLICK HERE to download the section from Wilderness & Travel Medicine on "Chest & Abdominal Injuries" \* Author is a nationally recognized expert in wilderness medicine \* Covers both illnesses and injuries \* Includes improvised techniques for when medical supplies aren't on hand \* Every section has been updated and new illustrations added to this edition First published in 1992, Wilderness & Travel Medicine has been a staple of the emergency first-aid kits sold worldwide by Adventure Medical Kits. With this fourth edition, Mountaineers Books and Adventure Medical Kits have partnered to release an updated, standalone reference for anyone who ventures away from civilization. Topics covered include everything from CPR, shock, and fractures to head, eye, and dental injuries, poisonous reactions, frostbite, hypothermia, heat illness, and much, much more. Throughout the text, sidebars provide useful and improvised techniques for specific injuries. In addition, there is "When to Worry" advice explaining how to tell if an injury is advancing in severity, despite attempts to arrest or slow down dangerous symptoms. Recommended in the Brandon/Hill selected list of print books and journals for the small medical library - April 2001 & 2003The new edition of this reorganized text emphasizes practicality and includes expeditious features that enable both students and practitioners to find authoritative answers fast. With Approach to Patients chapters that focus on evaluation and work-up, complete descriptions of disease-specific entities with highlighted Indications for Referrals and Indications for Hospitalization, and a rapid-access guide summarizing key facts, this authoritative textbook has been streamlined and referenced for quick access to information. Includes 120 evidence-based algorithms that detail step-by-step patient management. This respected text from the American Society of Addiction Medicine is valuable for all physicians and mental-health personnel who specialize in addiction medicine and who treat patients with addiction disorders. The chapters blend scientific principles underlying addiction with the practical essentials of clinical addiction medicine. Many of the contributors are affiliated with leading government agencies that study addiction and its science, such as the National Institute on Alcohol Abuse and Alcoholism and the National Institute on Drug Abuse. The book will appeal to a wide and interdisciplinary range of professionals, especially those with interest or duties relating to addiction-related disorders, and in particular physicians seeking certification status via either the American Board of Addiction Medicine or the American Board of Psychiatry and Neurology. A companion Website will offer the fully searchable text. The perfect quick reference on the wards and in the clinic! The famous "one disease per page" design! CURRENT Essentials of Medicine is a practical, point-of-care pocket handbook that offers "nutshell" information on the diagnosis and treatment of more than 500 medical disorders seen in both primary care and hospital settings. Perfect as a quick reference on the wards or in a busy clinic, this is THE ONLY pocket guide to offer disease essentials in a one-disease-per-page bulleted format. Practical pearls, for which the authors are well known, are offered for almost all conditions. Features To-the-point information on the diagnosis and treatment of more than 500 of the most common diseases seen in clinical practice Convenient one-disease-per page presentation Bulleted data for each disease covering Essentials of Diagnosis, Differential Diagnosis, Treatment, Pearl, and Reference Encompasses both ambulatory and inpatient medicine Includes internal medicine, plus specialties such as obstetrics/gynecology, surgery, and pediatrics Updated clinical manifestations, diagnostic tests, and treatment considerations throughout Stay on the cutting edge of today's most promising trends in complementary and alternative medical treatments with Dr. David Rake!s Integrative Medicine, 4th Edition. Written by physicians who are experts in both traditional and integrative medicine, this highly regarded, evidence-based reference covers therapies such as botanicals, supplements, mind-body, lifestyle choices, nutrition, exercise, spirituality, and more. Integrative Medicine, 4th Edition uses a clinical, disease-oriented approach, offering practical guidance for reducing costs and improving patient care. Helps you safely and effectively incorporate complementary and alternative therapies into your everyday practice, while focusing on prevention and wellness for a better quality of life. Uses the reliable SORT method (Strength of

Recommendation Taxonomy) to provide evidence-based ratings, grading both the evidence and the relative potential harm. Explains how to make the best use of integrative medicine and the mechanisms by which these therapeutic modalities work, keeping you at the forefront of the trend toward integrative health care. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, videos, and references from the book on a variety of devices. Includes 13 brand-new chapters, covering hot topics such as personalized medicine, MTHFR mutation, food allergy and intolerance, the gut-immune influence on systemic inflammation and disease, chelation therapy, testosterone deficiency, adrenal fatigue, and much more. Features more than 100 significantly revised chapters and hundreds of new figures and tables throughout. Provides online access to new multiple-choice questions for every chapter, perfect for board exam review - plus downloadable Patient Education Guides and video collections. The revised edition of the renowned and bestselling title is the most comprehensive single text on all aspects of biomaterials science from principles to applications. Biomaterials Science, fourth edition, provides a balanced, insightful approach to both the learning of the science and technology of biomaterials and acts as the key reference for practitioners who are involved in the applications of materials in medicine. This new edition incorporates key updates to reflect the latest relevant research in the field, particularly in the applications section, which includes the latest in topics such as nanotechnology, robotic implantation, and biomaterials utilized in cancer research detection and therapy. Other additions include regenerative engineering, 3D printing, personalized medicine and organs on a chip. Translation from the lab to commercial products is emphasized with new content dedicated to medical device development, global issues related to translation, and issues of quality assurance and reimbursement. In response to customer feedback, the new edition also features consolidation of redundant material to ensure clarity and focus. Biomaterials Science, 4th edition is an important update to the best-selling text, vital to the biomaterials' community. The most comprehensive coverage of principles and applications of all classes of biomaterials Edited and contributed by the best-known figures in the biomaterials field today; fully endorsed and supported by the Society for Biomaterials Fully revised and updated to address issues of translation, nanotechnology, additive manufacturing, organs on chip, precision medicine and much more. Online chapter exercises available for most chapters "Are you prepared to deal with medical issues in a disaster or epidemic if the ambulance is heading in the OTHER direction? What if YOU were the end of the line when it came to your family's health and well-being"--Page 4 of cover. Now fully revised and updated, Textbook of Adult Emergency Medicine provides clear and consistent coverage of this rapidly evolving specialty. Building on the success of previous editions, it covers all the major topics that present to the trainee doctor in the emergency department. It will also prove invaluable to the range of other professionals working in this setting - including nurse specialists and paramedics - who require concise, highly practical guidance, incorporating latest best practices and current guidelines. For the first time, this edition now comes with access to additional ancillary material, including practical procedure videos and self-assessment material. Updates throughout reflect latest practice developments, curricula requirements and essential guidelines Key point boxes highlight topic 'essentials' as well as controversial areas of treatment An expanded list of leading international contributors ensures comprehensive coverage and maximizes worldwide relevance New and enhanced coverage of important and topical areas - including latest imaging in emergency medicine; organ donation; massive transfusion protocols; medico legal issues; patient safety and quality measures All new accompanying electronic ancillary material, including procedure videos and self-assessment materials to check your understanding and aid exam preparation Expansion of administration section - especially patient safety New and enhanced coverage of important and topical areas - including latest imaging in emergency medicine; organ donation; massive transfusion protocols; medico legal issues; patient safety and quality measures All new accompanying electronic ancillary materials - including practical procedures videos and self-assessment materials The insider's guide to aching the internal medicine boards written by physicians who passed The perfect framework for score-boosting, time-efficient review, First Aid for the Internal Medicine Boards, Fourth Edition delivers the high-yield information, mnemonics, and visual aids necessary to excel on the exam. Following the proven First Aid formula for success, the book is carefully edited to include the content most likely to be included on the exam, allowing readers to focus on what they really need to know and maximize their study time. The Fourth Edition is distinguished by a renewed focus on high-yield content and has been updated to reflect the very latest treatment guidelines in internal medicine. • A complete one-stop review of the most frequently tested topics • Full-color clinical images • Insider tips and study strategies for outstanding performance • Hundreds of high-yield tables, diagrams, and illustrations • Mnemonics make learning and memorization fast, fun, and easy • Clinical vignettes and integrated flashcards with practice questions • Great as a refresher for recertification Medicine deals with treatments that work often but not always, so treatment success must be based on probability. Statistical methods lift medical research from the anecdotal to measured levels of probability. This book presents the common statistical methods used in 90% of medical research, along with the underlying basics, in two parts: a textbook section for use by students in health care training programs, e.g., medical schools or residency training, and a reference section for use by practicing clinicians in reading medical literature and performing their own research. The book does not require a significant level of mathematical knowledge and couches the methods in multiple examples drawn from clinical medicine, giving it applicable context. Easy-to-follow format incorporates medical examples, step-by-step methods, and check yourself exercises Two-part design features course material and a professional reference section Chapter summaries provide a review of formulas, method algorithms, and check lists Companion site links to statistical databases that can be downloaded and used to perform the exercises from the book and practice statistical methods New in this Edition: New chapters on: multifactor tests on means of continuous data, equivalence testing, and advanced methods New topics include: trial randomization, treatment ethics in medical research, imputation of missing data, and making evidence-based medical decisions Updated database coverage and additional exercises Expanded coverage of numbers needed to treat and to benefit, and regression analysis including stepwise regression and Cox regression Thorough discussion on required sample size Encyclopedic in breadth, yet practical and concise, Medical Biostatistics, Fourth Edition focuses on the statistical aspects of medicine with a medical perspective, showing the utility of biostatistics as a tool to manage many medical uncertainties. This edition includes more topics in order to fill gaps in the previous edition. Various topics have been enlarged and modified as per the new understanding of the subject. Includes new chapters to assist your care of specific populations such as those engaging in ecotourism or military travel, as well as the VIP traveler. A new chapter on pre-travel considerations for non-vaccine preventable travel infections has also been added. Provides new information on new influenza and shingles vaccines, microbiome and drug resistance, Zika and the pregnant or breastfeeding traveler, the Viagra effect and increase in STIs, refugees and immigrants, and much more. Covers new methods of prevention of dengue virus, Zika virus, chikungunya virus, Middle Eastern respiratory syndrome, sleeping sickness, and avian flu. New illustrations and numerous new tables and boxes provide visual guidance and make reference quick and easy. Helps you prepare for the travel medicine examination with convenient cross references to the ISTM "body of knowledge" in specific chapters and/or passages in the book. Keeps you updated on remote destinations and the unique perils they present. Up-to-the-minute, thorough, clinical coverage of common and important occupational and environmental diseases, injuries, and exposures Complete, yet concise, this clinically focused guide offers the definitive overview of common occupational and environmental illnesses, covering their diagnosis and treatment-plus preventive and remedial measures in the workplace and community. With its practical format and emphasis on fundamental topics, CURRENT Occupational and Environmental Medicine is just as essential for students and residents as it is for practicing physicians. You can count on the new fourth edition to deliver the bottom-line answers you need to stay on track in this complex, fast-breaking field. Features: The latest OSHA/NIOSH guidelines for occupational exposure standards Detailed diagnostic checklist for major diseases, injuries, and exposure that help expedite diagnosis and treatment The most clinically relevant perspectives on disability prevention-required reading for the occupational physician Skill-building insights on the importance of ergonomics in the workplace A step-by-step review of how to effectively manage an occupational health and safety program Details on substance abuse and employee assistance programs, health risk analysis, and the legal aspects of occupational and environmental medicine Preventive approaches to terrorist attacks on industry Information-packed primer on epidemiology and biostatistics for the occupational and environmental health specialist Up-to-date references with PMID numbers and peer-reviewed websites The first medical specialty selection guide written by residents for students! Provides an inside look at the issues surrounding medical specialty selection, blending first-hand knowledge with useful facts and statistics, such as salary information, employment data, and match statistics. Focuses on all the major specialties and features firsthand portrayals of each by current residents. Also includes a guide to personality characteristics that are predominate with practitioners of each specialty. "A terrific mixture of objective information as well as factual data make this book an easy, informative, and interesting read." --Review from a 4th year Medical Student Feedback from users suggest this resource book is more comprehensive and more practical than many others in the market. One of its strengths is that it was written by trainees in internal medicine who understand the need for rapid access to accurate and concise clinical information, with a practical approach to clinical problem solving. "If a picture is worth a thousand words, this text speaks volumes." - Review of the First Edition, Academic Emergency Medicine \*The primary visual sourcebook for diagnosis of emergency conditions \*Features 700 high quality full-color photos \*Covers diagnosis and clinical features for a broad spectrum of typical and atypical conditions \*New to this edition: chapters on HIV, wounds and forensic evaluation, coverage of pneumonia, additional toxins, and treatment techniques The most trusted visual guide to emergency medicine—with 2,100+ full-color images and clinical management guidance from leading experts Doody's Core Titles for 2021! The Atlas of Emergency Medicine is your "look quick, act fast" guide to accurately diagnosing acute medical problems in emergency practice settings. Packed with the highest-quality images available and fully updated clinical information, this is the definitive resource to assessing, diagnosing, and treating patients quickly, safely, and effectively. Top experts in their field, the authors cover basic and subtle diagnosis of a broad spectrum of typical and atypical conditions. Organized by organ-system/special populations/general issues and then by problem, The Atlas of Emergency Medicine includes one or more images per topic, succinct "need-to-know" information for each clinical problem, and management options and clinical pearls—making this the most efficient visual learning guide you'll find. This updated edition includes streamlined text to allow for more images, new chapters on Rheumatologic and Mental Health Conditions, and new video clips highlighting the most important topics. "With over 90 well-known contributors, in-depth coverage of more than 70 specific diseases, and 10,000 citations of peer-reviewed research literature, you'll find accurate, detailed pharmacologic information on herbs and supplements, and crucial knowledge for making recommendations to patients." -- book jacket. Emergency Medicine Lecture Notes provides all the necessary information, within one short volume, for a sound introduction to this core specialty area. Presented in a user-friendly format, combining readability with flowcharts and high-quality illustrations, this fourth edition has been thoroughly revised to reflect recent advances in the field of emergency medicine. For this new edition, Emergency Medicine Lecture Notes features: • Illustrations and flow charts in a two colour presentation throughout • More detail on imaging, diagnosis and management of a wide range of acute conditions • A brand new companion website at [www.lecturenoteseries.com/emergencymed](http://www.lecturenoteseries.com/emergencymed) featuring a selection of MCQs to test readers on common pitfalls in emergency medicine Not only is this book a great starting point to support initial teaching on the topic, but it is easy to dip in and out of for reference or revision at the end of a module, rotation or final exams. Whether you need to develop or refresh your knowledge of emergency medicine, Emergency Medicine Lecture Notes presents 'need to know' information for all those involved in treating those in an emergency setting. Designed to support the best-selling third edition of Medicine at a Glance (9781405186162), Medicine at a Glance: Core Cases contains over 200 cases with self-assessment exercises and answers to aid understanding and test student knowledge. Following the structure of the main textbook, each chapter presents a number of clinical cases based on the textbook chapter's content. This clinical knowledge is tested by a number of multiple choice self-assessment exercises which can then be applied to practical situations on the ward. Ideal for medical students and junior doctors, Medicine at a Glance: Core Cases: Features over 200 case studies and self-assessment exercises based on the best-selling Medicine at a Glance (9781405186162) Follows the structure of the main textbook - each chapter presents a number of clinical cases based on the textbook chapter's content Includes free access to the online, interactive version featuring feedback and scoring at [www.ataglanceseries.com/medicine](http://www.ataglanceseries.com/medicine) This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from Google Play or the MedHand Store. For more information on the complete range of at a Glance titles, please visit: [www.ataglanceseries.com](http://www.ataglanceseries.com) Preceded by Textbook of family medicine / Ian R. McWhinney, Thomas Freeman. 3rd edition. 2009. The announcement that we had decoded the human genome in 2000 ushered in a new and unique era in biomedical research and clinical medicine. This Third Edition of Principles of Gender-Specific Medicine focuses, as in the past two editions, on the essentials of sexual dimorphism in human physiology and pathophysiology, but emphasizes the latest information about molecular biology and genomic science in a variety of disciplines. Thus, this edition is a departure from the previous two; the editor solicited individual manuscripts from innovative scientists in a variety of fields rather than the traditional arrangement of sections devoted to the various subspecialties of medicine edited by section chiefs. Wherever it was available, these authors incorporated the latest information about the impact of the genome and the elements that modify its expression on human physiology and illness. All chapters progress translationally from basic science to the clinical applications of gender-specific therapy and suggest the most important topics for future investigation. This book is essential reading for all biomedical investigators and medical educators involved in gender-specific medicine. It will also be useful for primary care practitioners who need information about the importance of sex and gender in the prevention, diagnosis and treatment of illness. Outlines sex-specific differences in normal human function and explains the impact of age, hormones, and environment on the incidence and outcome of illness Reflects the latest information about the molecular basis of the sexual dimorphism in human physiology and the experience of disease Reviews the implications of our ever-improving ability to describe the genetic basis of vulnerability to disease and our capacity to alter the genome itself Illustrates the importance of new NIH guidelines that urge the inclusion of sex as a variable in research protocols Here's an ideal refresher on the core information in the field of sleep medicine. It is a comprehensive review-and-test workbook for preparation of the Sleep Board exam that emphasizes the highlights of sleep medicine and recaps major points with figures, tables, and lists to guide readers. The second half is a mock examination for practice, which includes many polysomnogram segments and multiple epochs. Also included are 500 exam questions, a quick reference to drug effects relating to sleep medicine, and an appendix on sleep scoring basics. Enables the user to practice for the exam with the same type of questions used in the exam itself. Provides the busy clinician a succinct summary of all aspects of working up the sleep disordered patient Offers very comprehensive and thorough answers and rationals so the user will know the why and how to think logically about the problem. Additional coverage brings review book up to date with ASBM test material New chapters include: Sleep Breathing Disorders Cardiovascular Pathophysiology Evaluating Epilepsy Pearls of Pediatric Sleep Cardiopulmonary Disorders Neurological Sleep Disorders Sleep-Wake Disorders Clinical Case Studies II Knowing Practice Parameters Sleep Journals in Review A concise guide to the care of small mammals, Ferrets, Rabbits, and Rodents: Clinical Medicine and Surgery covers the conditions seen most often in veterinary practice. The book emphasizes preventive medicine along with topics including disease management, ophthalmology, dentistry, and zoonosis. More than 400 illustrations demonstrate key concepts related to radiographic interpretation, relevant anatomy, and diagnostic, surgical, and therapeutic techniques. Now in full color, this edition adds coverage of more surgical procedures and expands coverage of zoonotic disease. From editors Katherine Quesenberry and James W. Carpenter, along with a team of expert contributors, the "Pink Book" provides an authoritative, single source of information that is hard to find elsewhere. A logical organization makes it quick and easy to find important information, with each section devoted to a single animal and chapters within each section organized by body system. Over 400 photographs and illustrations highlight key concepts such as radiographic interpretation and the main points of diagnostic, surgical, and therapeutic techniques. A chapter on ophthalmology provides hard-to-find information on eye care for ferrets, rabbits, rodents, and other small mammals. Coverage of preventive medicine includes basic biology, husbandry, and routine care of the healthy animal. The drug formulary supplies dosage instructions for ferrets, rabbits, guinea pigs, chinchillas, hamsters, rats/mice, prairie dogs, hedgehogs, and sugar gliders. Chapter outlines offer at-a-glance overviews of the contents of each chapter. Handy tables and charts make it easy to find key information. Expanded Zoonotic Diseases chapter adds more depth along with the latest information on the rising potential for disease transmission to humans as exotic pets become more popular. Additional surgical procedures for each species are included, some with step-by-step instructions accompanied by color photographs and line drawings. Full-color images show the sometimes minute structures of these small animals and make accurate diagnoses easier, especially for lymphoproliferative diseases of rabbits, endoscopy, cytology, and hematology. Written by Nicholas J Talley, Simon O'Connor and Brad Frankum, this engaging and instructive text provides practical pathways to diagnosis and up-to-date strategies for implementing evidence-based treatments for prevalent conditions. Learn how to: identify what is clinically important understand and investigate disease create an effective strategy for treatment use technological diagnostic tools. This new edition of Essentials of Internal Medicine 4e describes established and trusted diagnostic techniques to equip students and trainees with the skills to succeed in their profession. The visually dynamic text offers a framework of knowledge covering core facts and addressing difficult-to-master topics such as: holistic approach to patient treatment the importance of diagnosis the physician's role in public health the physician as scholar. Contributions from expert clinicians leading the advancement of medicine globally Need-to-know 'clinical pearls' throughout each chapter Memory jog lists and tables Multiple choice questions with end-of-chapter answers and extensive explanations Enhanced eBook version included with purchase Covers basic diving physiology; the pathophysiology of decompression sickness; maritime toxicology; assessment of fitness for diving; special considerations for female, elderly, and pediatric divers; diving-related problems in people with pre-existing medical conditions such as pulmonary, cardiac, and neurologic disease, and much more, with new chapters on the kinetics of inert gas, marine poisoning and intoxication, and diabetes and diving.

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