

Sanford Antimicrobial Guide 2013

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Mayo Clinic Critical and Neurocritical Care Board Review - Eelco F.M. Wijdicks MD, PhD 2019-09-16
Mayo Clinic Critical and Neurocritical Care Board Review is an all-inclusive review of the pathophysiology and care of the neurocritically ill and critically ill patient. The book reviews the core major critical care and neurocritical care disorders, underlying pathophysiology, treatment decisions with questions and answers for self-directed study and board review purposes. The text is succinct, to the point, relevant, informative, and up-to-date with information from recent clinical trials and facts based on evidence-based medicine. The references are up-to-date and include the most recent critical care guidelines for further study. The book is written and closely supervised by experienced Mayo Clinic faculty and reviewed in detail by the editors. The book is suitable for self-study towards neurocritical care boards and a number of critical care board examinations and certification exams. Tables, explanatory drawings, and bullet points are used throughout the text for high-yield learning.

Основы фармакологии / Essentials of Pharmacology - Валерий Козловский 2022-10-18
Учебное пособие представляет собой систематизированную информацию по основным разделам фармакологии: общей фармакологии, нейротропным средствам, средствам, влияющим на функции сердечно-сосудистой, дыхательной и других систем организма, химиотерапевтическим средствам. В пособии даются основные аспекты фармакодинамики и фармакокинетики лекарственных средств, их применения в клинике. Предыдущее издание вышло в 2019 г. Для иностранных студентов учреждений высшего образования по специальностям «Лечебное дело», «Педиатрия».

Rosen's Emergency Medicine - Concepts and Clinical Practice E-Book - Ron Walls 2017-03-09
Since its revolutionary first edition in 1983, Rosen's Emergency Medicine set the standard for reliable, accessible, and comprehensive information to guide the clinical practice of emergency medicine. Generations of emergency medicine residents and practitioners have relied on Rosen's as the source for current information across the spectrum of emergency medicine practice. The 9th Edition continues this tradition of excellence, offering the unparalleled clarity and authority you've come to expect from the award-winning leader in the field. Throughout the text, content is now more concise, clinically relevant, and accessible than ever before - meeting the needs of today's increasingly busy emergency medicine practitioner. Delivers clear, precise information, focused writing and references; relevant, concise information; and generous use of illustrations provide definitive guidance for every emergency situation. Offers the most immediately relevant content of any emergency medicine reference, providing diagnostic and treatment recommendations with clear indications and preferred actions. Presents the expertise and knowledge of a new generation of editors, who bring fresh insights and new perspectives to the table. Includes more than 550 new figures, including new anatomy drawings, new graphs and algorithms, and new photos. Provides diligently updated content throughout, based on only the most recent and relevant medical literature. Provides improved organization in sections to enhance navigation and six new chapters: Airway Management for the Pediatric Patient; Procedural Sedation and Analgesia for the Pediatric Patient; Drug Therapy for the Pediatric Patient; Co-Morbid Medical Emergencies During Pregnancy; Drug Therapy in the Geriatric Patient; and Global and Humanitarian Emergency Medicine.

Advances in Human Factors and Ergonomics in Healthcare and Medical Devices - Vincent Duffy 2017-06-17

This book discusses the latest advances in human factors and ergonomics, focusing on methods for improving quality, safety, efficiency, and effectiveness in patient care. By emphasizing the physical, cognitive, and organizational aspects of human factors and ergonomics applications, it presents various perspectives, including those of clinicians, patients, health organizations, and insurance providers. The book describes cutting-edge applications, highlighting best practices for staff interactions with patients, as well as interactions with computers and medical devices. It also presents new findings related to improved organizational outcomes in healthcare settings, and approaches to modeling and analysis specifically targeting those work aspects unique to healthcare. Based on the AHFE 2017 International Conference on Human Factors and Ergonomics in Healthcare and Medical Devices, held on July 17-21, 2017, in Los Angeles, California, USA, the book is intended as a timely reference guide for both researchers involved in the design of healthcare systems and devices and for healthcare professionals working to deliver safe and effective health service. Moreover, by providing a useful survey of cutting-edge methods for improving organizational outcomes in healthcare settings, the book also represents a source of inspiration for healthcare counselors and international health organizations.

Internal Medicine Issues in Palliative Cancer Care - David Hui 2014-03-04

Patients with advanced cancer may develop a number of clinical complications related to tumor progression or a variety of aggressive treatments. The majority of these patients are elderly, often with multiple comorbidities that require appropriate assessment and management. In the palliative stage of their disease, patients undergo a progressive transition from active acute care to community-based hospice care. This transition requires modification in the diagnostic tests, monitoring procedures and pharmacological treatments to adjust them to the palliative and short-term nature of the care. *Internal Medicine Issues in Palliative Cancer Care* looks at internal medicine through a prognosis-based framework and provides a practical approach to maximizing comfort and quality of life while minimizing aggressive investigations and therapies for patients with life-limiting disease. Forty-six common internal medicine conditions are organized into nine clinical categories: pulmonary, cardiovascular, nephrologic and metabolic, gastrointestinal, hematologic, infectious, endocrine, rheumatologic, and neuro-psychiatric. This evidence-based resource is ideal for educating clinicians delivering palliative care to cancer patients in acute care facilities about complex internal medicine problems, decision-making regarding diagnostics and therapeutics which require a good understanding of state-of-the-art internal medicine and palliative care principles.

Critical Care Medicine E-Book - Joseph E. Parrillo 2018-11-12

Now completely revised to bring you up to date with the latest advances in the field, *Critical Care Medicine: Principles of Diagnosis and Management in the Adult*, 5th Edition, delivers expert, practical guidance on virtually any clinical scenario you may encounter in the ICU. Designed for intensivists, critical care and pulmonology residents, fellows, practicing physicians, and nurse practitioners, this highly regarded text is clinically focused and easy to reference. Led by Drs. Joseph Parrillo and Phillip Dellinger, the 5th Edition introduces numerous new authors who lend a fresh perspective and contribute their expertise to that of hundreds of top authorities in the field. Includes new chapters on current applications of bedside

ultrasound in the ICU, both diagnostic and procedural; mechanical assist devices; and extra-corporeal membrane oxygenation (ECMO). Contains new administrative chapters that provide important information on performance improvement and quality, length of stay, operations, working with the Joint Commission, and more. Features new images that provide visual guidance and clarify complex topics. Keeps you up to date with expanded chapters on echocardiography in the ICU and valvular heart disease, including TAVR. Includes separate chapters on mechanical ventilation of obstructive airway disease and acute respiratory distress syndrome (ARDS) - including the many recent changes in approach to positive end expiratory pressure setting in ARDS. Covers key topics such as patient-ventilator synchrony and non-invasive ventilation for treating chronic obstructive pulmonary disease patients with acute respiratory failure. Reflects the recent literature and guidance on amount of fluids, type of fluid, vasopressor selection, mean arterial pressure target, and decision on steroid use in septic shock. Provides questions and answers in every chapter, perfect for self-assessment and review.

Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases E-Book - John E. Bennett 2014-09-02

After thirty five years, Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases, 8th Edition is still the reference of choice for comprehensive, global guidance on diagnosing and treating the most challenging infectious diseases. Drs. John E. Bennett and Raphael Dolin along with new editorial team member Dr. Martin Blaser have meticulously updated this latest edition to save you time and to ensure you have the latest clinical and scientific knowledge at your fingertips. With new chapters, expanded and updated coverage, increased worldwide perspectives, and many new contributors, Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases, 8th Edition helps you identify and treat whatever infectious disease you see. Get the answers to any questions you have with more in-depth coverage of epidemiology, etiology, pathology, microbiology, immunology, and treatment of infectious agents than you'll find in any other ID resource. Apply the latest knowledge with updated diagnoses and treatments for currently recognized and newly emerging infectious diseases, such as those caused by avian and swine influenza viruses. Put the latest knowledge to work in your practice with new or completely revised chapters on Influenza (new pandemic strains); New Middle East Respiratory Syndrome (MERS) Virus; Probiotics; Antibiotics for resistant bacteria; Antifungal drugs; New Antivirals for hepatitis B and C; Clostridium difficile treatment; Sepsis; Advances in HIV prevention and treatment; Viral gastroenteritis; Lyme Disease; Helicobacter pylori; Malaria; Infections in immunocompromised hosts; Immunization (new vaccines and new recommendations); and Microbiome. Benefit from fresh perspectives and expanded global insights from an expanded team of American and International contributors. Martin Blaser, MD, a leading expert and Muriel G. and George W. Singer Professional of Translational Medicine at New York University School of Medicine, joins veteran PPID editors John E. Bennett, MD, and Raphael Dolin, MD to continue a legacy of excellence. Find and grasp the information you need easily and rapidly with newly added chapter summaries.

From Genomics to Antibiotic Resistance in Emerging Pathogens - Ravi Kant 2022-08-30

Facharztwissen Urologie - Hans-Ulrich Schmelz 2014-09-03

Die Erste Hilfe für die Facharztprüfung: detaillierte und differenzierte Information zu Diagnostik und Therapie aller urologischen Erkrankungen. Löscht den Wissensdurst schnell und gründlich: der stichwortartige Text spart wertvolle Zeit beim Nachlesen und Lernen. Aktuellste Informationen zum Nachschlagen auf Station: aktuelle Studienlage und Leitlinien nationaler und internationaler Gesellschaften sind enthalten. Im Zentrum steht weiterhin die Vermittlung detaillierter und differenzierter Information zu Diagnostik und Therapie. Der stichwortartige Text spart wertvolle Zeit beim Nachlesen und Lernen. Alle Kapitel wurden sorgfältig überarbeitet. Die aktuelle Studienlage und die Leitlinien nationaler und internationaler Gesellschaften fanden Berücksichtigung. Unter dem Druck zunehmender Arbeitsverdichtung wird die Ressource Zeit immer wertvoller. Daher benötigen urologische Assistenzärzte, Facharztkandidaten und Fachärzte ein Nachschlagewerk und kompaktes Vorbereitungswerk für die Facharztprüfung, um in kurzer Zeit einen schnellen Überblick über alle wichtigen urologischen Themen auf Facharzniveau zu erhalten. umfassend überarbeitet und neu strukturiert für die dritte Auflage Kein Wort

zu viel: übersichtliche Darstellung in Stichworten, Aufzählungen und Tabellen. Kein Wort zu wenig: detaillierte und differenzierte Informationen zur Diagnostik und Therapie aller wichtigen urologischen Erkrankungen. Für den schnellen Überblick: zahlreiche Algorithmen, Schemata und Übersichten. Unter Mitarbeit von anerkannten Experten aus ganz Deutschland und unter Berücksichtigung der aktuellen Leitlinien der DGU und EAU. Der schnelle, übersichtliche Wissensspeicher für den in der Urologie tätigen Arzt - jetzt in 3. Auflage!

Nurse Practitioner Certification Examination and Practice Preparation - Margaret A Fitzgerald 2017-03-14
Start preparing for your future - today! The new edition of this award-winning text, written by renowned NP educator and certification preparation expert Dr. Margaret Fitzgerald. A must read for anyone taking the NP certification exam. Develop critical thinking and test-taking skills for the exam and the firm knowledge-base needed for both the exam and practice. The 5th edition delivers the latest guidelines, recommendations, diagnostic and treatment protocols, and procedures -everything critical to passing the NP boards.

Infectious Disease, An Issue of Primary Care: Clinics in Office Practice, Ebook - Michael Malone 2018-08-19

This issue of Primary Care: Clinics in Office Practice, guest edited by Dr. Michael Malone, is devoted to Infectious Disease. Articles in this issue include: Tick-borne Illnesses; Mosquito-Borne Diseases; Mite and Bed Bug Infections; Pertussis; Skin and Soft Tissue Infections; UTI Antibiotic Resistance in the U.S; Emergence of Global Antibiotic Resistance; Guidelines for the Evaluation and Treatment of Pneumonia; Common Central Nervous System Infections; Common Gastrointestinal Infections; Role of Complimentary and Alternative Therapies in Infectious Disease; Health Guidelines for Travel Abroad; Aquatic Infections; and Infections During Pregnancy.

Essentials of Hospital Infection Control - S Apruba Sastry 2019-02-08

The Sanford Guide to Antimicrobial Therapy 2013 - David N. Gilbert 2013-04-01

Antibiotic Resistance - Kateryna Kon 2016-06-14

Antibiotic Resistance: Mechanisms and New Antimicrobial Approaches discusses up-to-date knowledge in mechanisms of antibiotic resistance and all recent advances in fighting microbial resistance such as the applications of nanotechnology, plant products, bacteriophages, marine products, algae, insect-derived products, and other alternative methods that can be applied to fight bacterial infections. Understanding fundamental mechanisms of antibiotic resistance is a key step in the discovery of effective methods to cope with resistance. This book also discusses methods used to fight antibiotic-resistant infection based on a deep understanding of the mechanisms involved in the development of the resistance. Discusses methods used to fight antibiotic-resistant infection based on a deep understanding of mechanisms involved in the development of the resistance Provides information on modern methods used to fight antibiotic resistance Covers a wide range of alternative methods to fight bacterial resistance, offering the most complete information available Discusses both newly emerging trends and traditionally applied methods to fight antibiotic resistant infections in light of recent scientific developments Offers the most up-to-date information in fighting antibiotic resistance Includes involvement of contributors all across the world, presenting questions of interest to readers of both developed and developing countries

Ferri's Clinical Advisor 2017 E-Book - Fred F. Ferri 2016-05-27

Access up-to-date diagnostic and treatment information on more than 700 common medical conditions with Ferri's Clinical Advisor 2017, which boasts the popular "5 books in 1" format! Published annually and now in its 19th year, it provides quick guidance on diseases and disorders, differential diagnoses, medical algorithms, laboratory tests, and clinical practice guidelines, while additional electronic content equips you with e-only topics, images, tables, and much more. Updated content by experts in key clinical fields helps you keep pace with the speed of modern medicine. Popular "5 books in 1" format includes cross-references, outlines, bullets, tables, boxes, and algorithms to help expedite search. Diseases and Disorders section features more than 300 new figures and tables, as well as 20 new topics including: cyclic vomiting syndrome, traveler's diarrhea, chronic pruritus, post-herpetic neuralgia, enteropathic arthritis, and

hoarding disorder. Differential Diagnosis section highlights 50 new topics, including: alcohol-related seizures, dysentery and inflammatory enterocolitis, hair loss, cystic and solid pancreatic lesions, and COPD decompensation. New algorithms offer important diagnostic information on 19 added conditions, including allergic reaction to vaccines, cardiac arrest, occupational asthma, urinary tract infection, and vertigo and dizziness. Current ICD-10 insurance billing codes help expedite insurance reimbursements.

Handbook of Foodborne Diseases - Dongyou Liu 2018-09-03

Clearly linked to consumption of foods, beverages, and drinking water that contain pathogenic microbes, toxins, or other toxic agents, foodborne diseases have undergone a remarkable change of fortune in recent decades, from once rare and insignificant malaises to headline-grabbing and deadly outbreaks.

Unquestionably, several factors have combined to make this happen. These include a prevailing demand for the convenience of ready-to-eat or heat-and-eat manufactured food products that allow ready entry and survival of some robust, temperature-insensitive microorganisms; a drastic reduction in the costs of air, sea, and road transportation that has taken some pathogenic microorganisms to where they were absent previously; an expanding world population that has stretched the boundary of human activity; and an ageing population whose weakened immune functions provide a fertile ground for opportunistic pathogens to invade and thrive. Given the diversity of causative agents (ranging from viruses, bacteria, yeasts, filamentous fungi, protozoa, helminthes, toxins, to toxic agents), and the ingenuity of pathogenic microbes to evolve through genetic reassortment, horizontal gene transfer, and/or random genetic mutation, it has become an enormous challenge to understand how foodborne agents are able to evade host immune defenses and induce diseases, and also to develop and apply innovative approaches for improved diagnosis, treatment, and prevention of foodborne diseases. *Handbook of Foodborne Diseases* summarizes the latest findings on more than 100 foodborne diseases and their causative agents. With contributions from international experts on foodborne pathogens, toxins, and toxic agents research, this volume provides state-of-the-art overviews on foodborne diseases in relation to their etiology, biology, epidemiology, clinical presentation, pathogenesis, diagnosis, treatment, and prevention. Apart from offering a comprehensive textbook for undergraduate and postgraduate students in food, medical, and veterinary microbiology, this volume constitutes a valuable reference on foodborne diseases for medical professionals and health authorities, and forms an informative educational resource for the general public.

Graphic Guide to Infectious Disease E-Book - Brian Kloss 2018-03-24

A unique mash-up of medical education and comic book-style illustration, *Graphic Guide to Infectious Diseases* uses memorable art and humorous text to provide a seriously effective way to enhance your knowledge of complex medical conditions and diseases. Emergency medicine physician Dr. Brian Kloss and illustrator Travis Bruce use pop culture references, nostalgia, and unconventional humor to bridge the gap between challenging microbiology content and clinical knowledge of infectious diseases. Offers an innovative, concise, and fun way to learn about diseases, their signs and symptoms, and how to treat them – perfect for the busy medical student. Improves understanding and retention of complex information by using high-quality graphic illustrations mixed with solid educational content – ensuring a high-interest, high-yield resource with a large dose of humor and an innovative writing style. Uses visual learning to boost memorization, long-term retention, and exam performance.

Benign Tumors of the Liver - Luca Aldrighetti 2015-04-21

Diagnosis of benign liver tumors is experiencing exponential growth, mainly owing to the diffusion of more accurate imaging techniques. This monograph examines the epidemiology, histopathology and genetics of these tumors and provides a systematic overview of their evolution and differential diagnosis. Care is taken to document surgical indications accurately, with a view to assisting in the avoidance of useless interventions. Open, laparoscopic and robotic surgical techniques are described and illustrated, emphasizing the optimization of intra- and postoperative management in order to avoid potential complications and degeneration. In these chapters, attention is drawn to the ways in which the surgical management of benign liver tumors differs from that of malignant tumors. The book concludes by examining the role of interventional radiology in patients with benign liver tumors.

Antimicrobial Resistance and Food Safety - Chin-Yi Chen 2015-04-15

Antimicrobial Resistance and Food Safety: Methods and Techniques introduces antimicrobial resistant food-

borne pathogens, their surveillance and epidemiology, emerging resistance and resistant pathogens. This analysis is followed by a systematic presentation of currently applied methodology and technology, including advanced technologies for detection, intervention, and information technologies. This reference can be used as a practical guide for scientists, food engineers, and regulatory personnel as well as students in food safety, food microbiology, or food science. Includes analysis of all major pathogens of concern Provides many case studies and examples of fundamental research findings Presents recent advances in methodologies and analytical software Demonstrates risk assessment using information technologies in foodborne pathogens

Kucers' The Use of Antibiotics - M. Lindsay Grayson 2017-10-02

Kucers' The Use of Antibiotics is the definitive, internationally-authored reference, providing everything that the infectious diseases specialist and prescriber needs to know about antimicrobials in this vast and rapidly developing field. The much-expanded Seventh Edition comprises 4800 pages in 3 volumes in order to cover all new and existing therapies, and emerging drugs not yet fully licensed. Concentrating on the treatment of infectious diseases, the content is divided into four sections - antibiotics, anti-fungal drugs, anti-parasitic drugs, and anti-viral drugs - and is highly structured for ease of reference. Each chapter is organized in a consistent format, covering susceptibility, formulations and dosing (adult and pediatric), pharmacokinetics and pharmacodynamics, toxicity, and drug distribution, with detailed discussion regarding clinical uses - a feature unique to this title. Compiled by an expanded team of internationally renowned and respected editors, with expert contributors representing Europe, Africa, Asia, Australia, South America, the US, and Canada, the Seventh Edition adopts a truly global approach. It remains invaluable for anyone using antimicrobial agents in their clinical practice and provides, in a systematic and concise manner, all the information required when prescribing an antimicrobial to treat infection.

Clinical Microbiology Procedures Handbook - 2020-08-06

In response to the ever-changing needs and responsibilities of the clinical microbiology field, *Clinical Microbiology Procedures Handbook*, Fourth Edition has been extensively reviewed and updated to present the most prominent procedures in use today. The *Clinical Microbiology Procedures Handbook* provides step-by-step protocols and descriptions that allow clinical microbiologists and laboratory staff personnel to confidently and accurately perform all analyses, including appropriate quality control recommendations, from the receipt of the specimen through processing, testing, interpretation, presentation of the final report, and subsequent consultation.

Clinical Infectious Disease - David Schlossberg 2015-04-23

A fully updated version of this popular, clinically oriented, user-friendly text on infectious disease, with even more helpful graphics, tables, algorithms and images. It is packed full of information on diagnosis, differential diagnosis and therapy. In addition to the traditional organization of organ-system and pathogen-related information, this text also includes clinically helpful sections on the susceptible host (with individual chapters, for example, on the diabetic, the elderly, the injection drug user and the neonate), infections related to travel, infections related to surgery and trauma, nosocomial infection and bioterrorism. Positioned between the available encyclopedic tomes and the smaller pocket guides, this is a convenient, comprehensive and highly practical reference for all those practising in infectious diseases as well as internal or general medicine.

Nelson Textbook of Pediatrics E-Book - Robert M. Kliegman 2015-04-17

After more than 75 years, *Nelson Textbook of Pediatrics* remains your indispensable source for definitive, state-of-the-art answers on every aspect of pediatric care. Embracing the new advances in science as well as the time-honored art of pediatric practice, this classic reference provides the essential information that practitioners and other care providers involved in pediatric health care throughout the world need to understand to effectively address the enormous range of biologic, psychologic, and social problems that our children and youth may face. Brand-new chapters and comprehensive revisions throughout ensure that you have the most recent information on diagnosis and treatment of pediatric diseases based on the latest recommendations and methodologies. Form a definitive diagnosis and create the best treatment plans possible using evidence-based medicine and astute clinical experiences from leading international authors—many new to this edition. A NEW layout provides superior portability and exceptional ease of use.

Gain a more complete perspective. Along with a broader emphasis on imaging and molecular diagnoses and updated references, the new edition includes an increased focus on international issues to ensure relevance in pediatrics practice throughout the world. Effectively apply the latest techniques and approaches with complete updates throughout 35 new chapters, including: Innovations in Addressing Child Health and Survival in Low Income Settings; Developmental Domains and Theories of Cognition; The Reggio Emilia Educational Approach Catatonia ; Refeeding Syndrome; Altitude-associated Illness; Genetic Approaches to Rare and Undiagnosed Diseases; Healthcare—Associated Infections; Intrapartum and Peripartum Infections; Bath salts and other drugs of abuse; Small Fiber Polyneuropathy; Microbiome; Kingella kingae; Mitochondrial Neurogastrointestinal Encephalomyopathy; Nonalcoholic Fatty Liver Disease; Plagiocephaly; CNS Vasculitis; Anterior Cruciate Ligament Rupture; and Sports-Related Traumatic Brain Injury.

Recognize, diagnose, and manage genetic and acquired conditions more effectively. A new Rehabilitation section with 10 new chapters, including: Evaluation of the Child for Rehabilitative Services; Severe Traumatic Brain Injury; Spinal Cord Injury and Autonomic Crisis Management; Spasticity; Birth Brachial Plexus Palsy; Traumatic and Sports-Related Injuries; Meningomyelocele; Health and Wellness for Children with Disabilities. Manage the transition to adult healthcare for children with chronic diseases through discussions of the overall health needs of patients with congenital heart defects, diabetes, and cystic fibrosis. Understand the principles of therapy and which drugs and dosages to prescribe for every disease.

Testing....PK123 - Pharmacy Department St Elsewhere 2014-09-04

Not appropriate to detail given sensitivity of information until this platform is proven to work

Washington Manual of Pediatrics - Andrew J. White 2022-06-09

Focusing on the essential information you need to know when caring for children in the hospital, ICU, emergency department, or subspecialty outpatient clinic, Dr. Andrew J. White's Washington Manual® of Pediatrics, 3rd Edition, provides concise, high-yield content that reflects recent advances in the field. This practical volume in the Lippincott Manual series presents brief, logical approaches to the diagnosis and treatment of common inpatient pediatric problems, as well as evidence-based references where they are available. It addresses common challenges faced by residents, interns, pediatric hospitalists, and medical students, plus offers practical solutions and expert guidance - all in one portable and user-friendly resource.

Basic Pharmacology for Nurses - E-Book - Michelle Willihnganz 2016-02-25

Known for its accurate, up-to-date drug content and its practical application of the nursing process to drugs and disorders, Clayton and Willihnganz's Basic Pharmacology for Nurses, 17th Edition prepares you for safe medication administration. Emphasizing the nurse's role, clear guidelines cover safe drug handling, types of drugs used for disorders or to affect body systems, injection and enteral administration, and patient education. From a respected PharmD/Nursing author team, this full-color text also provides an excellent review for the pharmacology questions on the NCLEX® examination. Current, accurate content ensures that the most current drugs and treatment protocols are presented. Application of the nursing process includes general principles of nursing care for each disorder, along with nursing considerations for drug treatment plans. An emphasis on safe drug handling and administration includes High Alert and Do Not Confuse icons as well as Medication Safety Alert boxes. A focus on patient education and health promotion equips you for health teaching related to medications. NCLEX® preparation sections at the end of each chapter helps you get ready for pharmacology-related questions on the NCLEX examination. A study guide corresponds to the textbook and offers review questions and clinical scenarios to reinforce your understanding of nursing pharmacology. Available separately. UPDATED drug coverage includes the most recent FDA approvals, withdrawals, and therapeutic uses. UPDTED guidelines cover injection and enteral medication administration, with an emphasis on safe medication practice. UPDATED treatment protocols include specific conditions such as asthma, hyperlipidemia, heart failure, COPD, and cancer. NEW! Objectives and key terms are listed at the beginning of each chapter, making it easy to see chapter content at a glance.

Nelson Textbook of Pediatrics, 2-Volume Set - Robert M. Kliegman, MD 2015-04-22

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as the time-honored art of pediatric practice, this classic reference provides the essential information that practitioners and other care providers involved in pediatric health care throughout the world need to understand to effectively address the enormous range of biologic, psychologic, and social problems that our children and youth may face. Brand-new chapters and comprehensive revisions throughout ensure that you have the most recent information on diagnosis and treatment of pediatric diseases based on the latest recommendations and methodologies. "The coverage of such a wide range of subjects relating to child health makes this textbook still the gold standard and companion for all pediatricians across the world."

Reviewed by Neel Kamal, Sept 2015 "All in all, this is an excellent and detailed paediatric review textbook which represents excellent value for money..truly a textbook for the global community" Reviewed by glycosmedia.com, Sept 2015 Form a definitive diagnosis and create the best treatment plans possible using evidence-based medicine and astute clinical experiences from leading international authors-many new to this edition. A NEW two-volume layout provides superior portability and exceptional ease of use. Gain a more complete perspective. Along with a broader emphasis on imaging and molecular diagnoses and updated references, the new edition includes an increased focus on international issues to ensure relevance in pediatrics practice throughout the world. Effectively apply the latest techniques and approaches with complete updates throughout 35 new chapters, including: Innovations in Addressing Child Health and Survival in Low Income Settings; Developmental Domains and Theories of Cognition; The Reggio Emilia Educational Approach Catatonia ; Refeeding Syndrome; Altitude-associated Illness; Genetic Approaches to Rare and Undiagnosed Diseases; Healthcare?Associated Infections; Intrapartum and Peripartum Infections; Bath salts and other drugs of abuse; Small Fiber Polyneuropathy; Microbiome; Kingella kingae; Mitochondrial Neurogastrointestinal Encephalomyopathy; Nonalcoholic Fatty Liver Disease; Plagiocephaly; CNS Vasculitis; Anterior Cruciate Ligament Rupture; and Sports-Related Traumatic Brain Injury.

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Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices.

Surgical Intensive Care Medicine - John M. O'Donnell 2016-07-12

This third edition text has been largely rewritten to include the many important advances that have been made and the controversies that have arisen in the past years. New topics have been added including Oxygen Transport, Tissue Oxygenation Evaluation, Echocardiography in the Critically Ill, Bedside Ultrasonography, Critical Care Issues in Oncological Surgery Patients, Long-Term Outcome after Intensive Care, Therapeutic Hypothermia, Delirium, and Post-Operative Gastrointestinal Dysfunction. Chapters are written by high-quality contributors, many of whom are nationally and internationally recognized researchers, speakers, and practitioners in Critical Care Medicine. Another important feature of this edition is the geographical diversity of its authors, including notable contributions from colleagues in Australia, Belgium, Brazil, Canada, Denmark, France, Germany, Norway, Portugal, Sweden, and the United Kingdom. Surgical Intensive Care Medicine, Third Edition provides a comprehensive, state-of-the-art review of the field, and will serve as a valuable resource for medical students, residents, critical care fellows in training, surgeons, anesthesiologists and physicians caring for the critically ill.

Ferri's Clinical Advisor 2016 E-Book - Fred F. Ferri 2015-05-28

Ferri's Clinical Advisor 2016 is simply the fastest, most effective way to access up-to-date diagnostic and treatment information on more than 700 common medical conditions. The popular "5 books in 1" format provides quick guidance on diseases and disorders, differential diagnoses, medical algorithms, laboratory tests, and clinical practice guidelines. An easy-to-use format with cross-references, outlines, bullets, tables, boxes, and algorithms to expedite your search More than 200 lab tests help hone your skills in reviewing normal values and interpreting results Electronic access to additional algorithms, new images and tables,

EBM boxes, patient teaching guides, and extra topics. Links between each section allow you to navigate easily from a selected topic to relevant associated material and back again

Adult-Gerontology Nurse Practitioner Certification Intensive Review, Third Edition - Maria T. Codina Leik, MSN, ARNP, FNP-C, AGPCNP-BC 2017-11-28

Print version of the book includes free access to the app (web, iOS, and Android), which offers interactive Q&A review plus the entire text of the print book! Please note the app is included with print purchase only. Doody's Medical Review: 100 Points; 5 Stars (First Edition) The third edition of this highly acclaimed review continues to promote efficient, time-saving study by synthesizing the complex knowledge needed to pass the AGNP exam into a concise, well-organized format. It is updated with key information about the new AGNP certification exam, including new test format questions featuring photos of skin and eye conditions and EKGs, and more challenging drag-and-drop and multiple-choice questions. Also new to the third edition is information about nonclinical topics on the exam including research; culture, spirituality, and health practices; evidence-based medicine; epidemiology; and reimbursement guidelines. One hundred new review questions throughout the book and on the practice exam—including answer key and rationale—increase the total number of questions to 680. Designed to help NP students boost their confidence through intensive study and high-quality questions, the third edition features a succinct, precisely targeted review of diseases commonly seen in primary care. It covers the complete adult life span from adolescence onward, and offers extensive test-taking techniques and question dissection and analysis sections that provide strategies for identifying the best clues during the problem-solving process. Organized by body system, sections are consistently formatted and encompass Danger Signals, Normal Findings, Lab Findings, Benign Variants, Differential Diagnosis, and individual Disease Review topics for each system. Additional outstanding features include Exam Tips and Clinical Pearls that help to focus system study on key information. NEW TO THE THIRD EDITION Updated information reflecting the new AGNP certification exam New test format questions used by the AANC, including photos of skin and eye conditions, EKGs, and more complex drag-and-drop and multiple-choice questions 100 new in-depth review questions for a total of 680 Additional information about nonclinical topics including culture, spirituality, and health practices; evidence-based medicine; and more KEY FEATURES Provides a succinct, precisely targeted review of diseases commonly seen in primary care Delineates strategic “question dissection techniques” for study success developed by the author Includes Exam Tips and Clinical Pearls to help prioritize and interpret test content Outlines Normal Findings and Benign Variants in physical assessment of each body system Offers intensive pharmacology review

Issues in Infectious and Vector-Borne Diseases: 2013 Edition - 2013-05-01

Issues in Infectious and Vector-Borne Diseases: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Immunology. The editors have built Issues in Infectious and Vector-Borne Diseases: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Immunology in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Infectious and Vector-Borne Diseases: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Paediatric Critical Care Manual - Shrishu R. Kamath 2018-06-10

Paediatric Critical Care Manual is an useful bedside resource in the niche specialty of paediatric critical care. Primarily meant for paediatric fellows and postgraduates working predominantly in paediatric ICU, this book would be equally useful for practicing paediatricians and physicians who face sick children in their day-to-day practice. This book has the potential to give confidence and competence to any physician taking care of critically ill children, as well as the postgraduates and fellows planning to take the exit level examinations, on their way to expertise in this field. Key Features

Textbook of Diagnostic Microbiology - E-Book - Connie R. Mahon 2014-03-25

Providing a reader-friendly "building-block" approach to the essentials of diagnostic microbiology, this

accessible, full-color text helps you develop the problem-solving skills necessary for success in the clinical setting. This updated edition has new content on nanomedicine and HIV/AIDS and the immunocompromised patient, including the latest information on prevention, treatment modalities, and CDC guidelines. Updated photos offer new examples of automated lab instruments, while case studies, review questions, and learning objectives present information in an easy-to-learn way. A building-block approach encourages you to use previously learned information to sharpen your critical-thinking and problem-solving skills. Full-color design, with many full-color photomicrographs, prepares you for the reality of diagnostic microbiology. Learning objectives at the beginning of each chapter supply you with a measurable outcome to achieve by completing the material. A case study at the beginning of each chapter provides you with the opportunity to form your own questions and answers through discussion points. Issues to Consider boxes encourage you to analyze important points. Bolded key terms at the beginning of each chapter equip you with a list of the most important and relevant terms in each chapter. Points to Remember sections at the end of each chapter identify key concepts in a quick-reference, bulleted format. Hands-on procedures describe exactly what takes place in the micro lab, making content more interesting and relevant. Learning assessment questions at the conclusion of each chapter allow you to evaluate how well you have mastered material. Agents of bioterrorism chapter furnishes you with the most current information about this hot topic. Glossary of key terms at the end of the book supplies you with a quick reference for looking up definitions. NEW! Nanomedicine and HIV/AIDS and the immunocompromised patient content supplies you with the latest information on prevention, treatment modalities, and CDC guidelines. NEW! Updated photos familiarize you with the equipment you'll use in the lab. NEW! Case Checks throughout each chapter tie content to case studies for improved understanding. NEW! An editable and printable lab manual provides additional opportunities to learn course content using real-life scenarios with questions to reinforce concepts. Review questions for each learning objective help you learn to think critically about the information in each chapter, enhancing your comprehension and retention of material.

Koneman's Color Atlas and Textbook of Diagnostic Microbiology - Gary W. Procop 2020-07-01

Now in striking full color, this Seventh Edition of Koneman's gold standard text presents all the principles and practices readers need for a solid grounding in all aspects of clinical microbiology—bacteriology, mycology, parasitology, and virology. Comprehensive, easy-to-understand, and filled with high quality images, the book covers cell and structure identification in more depth than any other book available. This fully updated Seventh Edition is enhanced by new pedagogy, new clinical scenarios, new photos and illustrations, and all-new instructor and student resources.

Antimicrobial Stewardship - Kerry LaPlante 2016-12-23

In an age where antimicrobial resistance amongst pathogens grows more prevalent, particularly in the hospital setting, antimicrobial stewardship is an evidence-based, proven measure in the battle against resistance and infection. This single comprehensive, definitive reference work is written by an international team of acknowledged experts in the field. The authors explore the effective use of coordinated antimicrobial interventions to change prescribing practice and help slow the emergence of antimicrobial resistance, ensuring that antimicrobials remain an effective treatment for infection. Amongst the first of its kind, this book provides infectious disease physicians, administrators, laboratory, pharmacy, nursing and medical staff with practical guidance in setting up antimicrobial stewardship programs in their institutions with the aim of selecting the optimal antimicrobial drug regimen, dose, duration of therapy, and route of administration.

Clayton's Basic Pharmacology for Nurses - E-Book - Michelle J. Willihnganz 2021-11-29

Learn safe, effective nursing care for patients receiving drug therapy! Basic Pharmacology for Nurses, 19th Edition helps you understand the principles of pharmacology and apply them to nursing practice. Known for its practical application of the nursing process to drugs and disorders, this book explains how to make informed decisions about drug therapy, educate patients, and administer medications. This edition adds new Next Generation NCLEX® (NGN)-style case studies and questions to prepare you for the critical thinking questions on the NGN exam. Concise and easy to use, this text teaches the basics of medication administration and drug actions. Application of the nursing process includes an overview of general principles of nursing care for each disorder, along with specific nursing considerations for drug treatment.

Drug monographs are provided for each major drug class, describing actions, uses, and therapeutic outcomes for each class. Medication Administration unit covers assessment, techniques, procedures, and documentation for the safe administration of percutaneous, enteral, and parenteral drugs. Medication safety is emphasized with Medication Safety Alerts and Clinical Pitfall boxes, as well as Do Not Confuse and High Alert icons. Clinical Goldmine boxes highlight tips and best practices for clinical procedures. Lifespan Considerations boxes draw attention to the implications of drug therapy for children, pregnant and breastfeeding women, and older adults. Drug tables summarize generic and brand names, availability, and dosage ranges for key medications for each disorder. Get Ready for the NCLEX® Examination! section at the end of each chapter covers key points as well as review questions, preparing you for course assessments and the NCLEX Examination. Learning resources on the Evolve website include video clips of medication administration, animations of drug actions, drug calculators, patient teaching guides, and Next Generation NCLEX® review questions. Study guide corresponds to the textbook and offers review questions and clinical scenarios to reinforce your understanding of nursing pharmacology. Available separately. NEW! Next Generation NCLEX® (NGN)-style questions help you develop higher cognitive thinking skills, including clinical judgment, and provide opportunities to practice for the new question formats on the NGN exam. NEW! Updated content is included for newly approved and frequently prescribed pharmaceutical drugs, and for their therapeutic uses. NEW! Unfolding case studies help you translate pharmacological knowledge into nursing practice and provide preparation for the Next Generation NCLEX exam.

Family Nurse Practitioner Certification Review E-Book - JoAnn Zerwekh 2020-12-14

There's no better way to get ready for your Family Nurse Practitioner (FNP) certification exams! With more than 1,500 practice questions and customized online tests, Family Nurse Practitioner Certification Review, 4th Edition provides complete preparation for the AANP and ANCC certification exams. Answers and rationales for questions are included at the end of each chapter to help you strengthen any weak areas. Written by respected nursing educator JoAnn Zerwekh, this review includes an Evolve companion website that can generate an unlimited number of sample exams matching both the question distribution and the length of the latest FNP certification exam blueprints. More than 1,500 multiple-choice questions are accompanied by answers and detailed rationales. Plus additional questions are available in the eBook version! Questions are reviewed by certified FNPs and mirror the content found on FNP certification exams, covering the latest information on physical examination, differential diagnosis, diagnostic and therapeutic tests, pharmacological therapies, risk assessment, patient and family education and counseling, evaluation of response to health interventions, health promotion and screening strategies, scope of practice, and practice and resource management. QSEN emphasis highlights questions related to patient safety with a special QSEN safety icon; selected answer rationales also address the Safety competency. Division of clinical chapters into three areas — Physical Examination and Diagnostic Tests, Disorders, and Pharmacology — makes it easy to locate specific information within each body system. Test-Taking Strategies chapter uses test examples and provides tips to enhance your testing skills, develop critical thinking skills, learn strategies for decreasing anxiety, and improve study habits. Professional Issues chapter examines the legal and ethical issues, trends, evidence-based clinical guidelines, and professional competencies important to the FNP role. Unlimited, randomly generated practice exams are provided on the Evolve companion website, selected from a library of all of the questions from the book (plus additional bonus questions) with automated grading and feedback, and question distribution is designed to match the actual FNP certification exams. New! Updated questions match the latest exam blueprints and question formats from the AANP and ANCC certification exams. New! Thoroughly revised clinical content reflects current evidence-based clinical practice and national treatment guidelines and protocols.

Prostatitis and Its Management - Tommaso Cai 2016-02-29

This book provides comprehensive coverage of the current and emerging management of prostatitis, from diagnosis to therapy. It addresses all clinical aspects of the prostatitis syndrome and equips the reader with all the information needed to offer a tailored therapy. Furthermore, clinical implications of the disease are analyzed and discussed, with particular attention to andrological complications (infertility) and the possible link between prostatitis and prostate cancer. Special consideration is also given to contemporary aspects of

prostatitis management relating to antibiotic stewardship and elevated PSA, bearing in mind that thoughtless treatment of prostatitis represents malpractice and sometimes even a forensic issue. The final chapter comprising questions and answers will be valuable for quick consultation in everyday clinical practice. This book will be a truly practical guide for physicians involved in the diagnostic work-up and treatment of patients suspected of having prostatitis and will also serve as a ready source of information for all physicians who occasionally see prostatitis patients.

Guidelines for Nurse Practitioners in Ambulatory Obstetric Settings, Third Edition - Kelly D.

Rosenberger, DNP, APRN, CNM, WHNP-BC, FAANP 2022-02-15

Praise for the First Edition: "This is a concise, yet comprehensive book. I would recommend that any advanced practice nurse working in obstetrics have it on the bookshelf. It could also be used as a protocol manual for small practices." Score: 100, 5 Stars —Doody's Medical Reviews Now in its third edition, this remains the only comprehensive source of current, evidence-based information for busy nurse practitioners and related professionals who provide preconception, prenatal, and postpartum care in outpatient settings. This resource encompasses essential clinical topics and practice standards in an easy-to-read, outline format with a convenient spiral binding. The third edition presents important new information on Thyroid Disorders in Pregnancy, COVID-19 during Pregnancy and Lactation, Rural Maternity Services, Utilization of Telehealth Services in Pregnancy, Adverse Child Experiences, LGBTQ Considerations, Genetic Counseling, and more. Additionally, unique topics of emerging clinical relevance address the complex and evolving nature of prenatal care in the 21st century, such as the latest trends in preterm labor prevention, disaster planning, managing exposure to the Zika virus, obesity, dermatoses, and HIV in pregnancy. New to the Third Edition: New chapters on Thyroid Disorders in Pregnancy and COVID-19 during Pregnancy and Postpartum Updated sections on rural maternity services, telehealth services, adverse childhood experiences, nutrition, and LGBTQ considerations Clinical updates on genetic screening and testing, nausea and vomiting, use of low-dose aspirin to prevent complications, HIV prevention, using PrEP, breastfeeding, avoidance of non-medically indicated early-term delivery, use of marijuana and heroin Greatly expanded section on options for noninvasive prenatal testing for aneuploidy New information from the FDA on drug labeling New recommendations on anemia screening in pregnancy Updated imaging recommendations New and updated guidelines from Association of Women's Health, Obstetric and Neonatal Nurses; American Congress of Obstetricians and Gynecologists; American Academy of Pediatricians; American College of Nurse Midwives; National Certification Corporation; National Association of Nurse Practitioners in Women's Health; the Centers for Disease Control and Prevention, and the US Preventive Services Task Force Two new appendices covering Telehealth Resources, Best Practice Guides, and LGBTQIA+ resources Key Features: Ensures speedy access to clinical information through clear organization, outline format, and spiral-bound text Presents complete guidelines for each topic in consistent format Provides guidelines on identifying complications and when to refer for specialist care Offers detailed information on genetic counseling, health promotion and assessment, lactation issues, and medications during pregnancy Includes downloadable patient teaching guides

Ferri's Clinical Advisor 2015 E-Book - Fred F. Ferri 2014-07-26

Ferri's Clinical Advisor 2015 is the fastest, most effective way to access current diagnostic and therapeutic information on more than 700 common medical conditions. Dr. Ferri's popular "5 books in 1" format provides quick guidance on short QT syndrome, microscopic polyangiitis, fungal meningitis, and much more. This medical reference makes the answers you need even easier to find - anytime, anywhere. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Review normal values and interpret results for more than 200 lab tests. Improve your family healthcare practice's efficiency with cost-effective referral and consultation guidelines. Identify and treat a broader range of disorders, including diabetic foot infections, hypergonadism, and acute liver failure, with 22 new topics in the Diseases & Disorders section. Improve your interpretation of presenting symptoms with 38 new topics and 40 new images in the Differential Diagnosis section, and optimize patient care with more than 250 new figures and tables. Rapidly find the answers you need with separate sections on diseases and disorders, differential diagnosis, clinical algorithms, laboratory results, and clinical preventive services, plus an at-a-glance format that uses cross-references, outlines, bullets, tables, boxes, and algorithms to

expedite your search. Expedite insurance reimbursements with current ICD-9 and future ICD-10 insurance

billing codes. Access full-color images and more than 90 online-only topics at Expert Consult, as well as EBMs, Suggested Reading, Patient Teaching Guides, and additional algorithms.