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Uncommon Causes of Stroke - Louis R. Caplan 2008-10-09

Most strokes are attributed to atherosclerosis of neck and intracranial arteries, brain embolism from the heart, and penetrating artery disease; these are discussed in detail in many other books. This compendium fills an important niche by providing authoritative discussions on the other, less common causes of stroke, including various forms of angiitis, coagulation disorders, infective, paraneoplastic and metabolic disorders that may be associated with stroke, and a number of rare syndromes such as Eales disease and Fabry's disease. This new edition contains detailed, up-to-date information about the nature, diagnosis, and treatment of those relatively uncommon types of cerebrovascular disease that cause strokes. It is therefore a unique scientific and clinical resource that provides a useful reference to help physicians diagnose and treat stroke patients who do not fit well into the usual clinical categories. New chapters include stroke in patients with Lyme disease, scleroderma, Cogan's syndrome, Chagas' disease, and HIV.

Signs and Symptoms in Pediatrics - Walter W. Tunnessen 1988

Problem-oriented Medical Diagnosis - Henry Harold Friedman 1996

Sick Enough - Jennifer L. Gaudiani 2018-09-14

Patients with eating disorders frequently feel that they aren't "sick enough" to merit treatment, despite medical problems that are both measurable and unmeasurable. They may struggle to accept rest, nutrition, and a team to help them move towards recovery. Sick Enough offers patients, their families, and clinicians a comprehensive, accessible review of the medical issues that arise

from eating disorders by bringing relatable case presentations and a scientifically sound, engaging style to the topic. Using metaphor and patient-centered language, Dr. Gaudiani aims to improve medical diagnosis and treatment, motivate recovery, and validate the lived experiences of individuals of all body shapes and sizes, while firmly rejecting dieting culture.

Pharmacotherapy Casebook: A Patient-Focused Approach, 9/E - Terry L. Schwinghammer 2014-04-28

More than 150 cases help develop the skills you need to identify and resolve the most common drug therapy problems The perfect study companion to DiPiro's Pharmacotherapy: A Pathophysiologic Approach More than 40 all-new cases! Pharmacotherapy Casebook: A Patient-Focused Approach delivers 157 patient cases designed to teach you how to apply the principles of pharmacotherapy to real-world clinical practice. The case chapters in this book are organized into organ system sections that correspond to those of the DiPiro textbook. By reading the relevant chapters in Pharmacotherapy: A Pathophysiologic Approach you will be able to familiarize yourself with the pathophysiology and pharmacology of each disease state included in this casebook. Each case teaches you how to: Identify real or potential drug therapy problems Determine the desired therapeutic outcome Evaluate therapeutic alternatives Design an optimal individualized pharmacotherapeutic plan Develop methods to evaluate the therapeutic outcome Provide patient education Communicate and implement the pharmacotherapeutic plan Everything you need to develop expertise in pharmacotherapy decision making: Realistic patient presentations include medical history, physical examination, and laboratory data, followed by a series of questions using a systematic, problem-solving approach Compelling range of cases – from the uncomplicated (a single disease state) to the complex (multiple disease states and drug-related problems) Diverse authorship from more than 190 clinicians from nearly 100 institutions Coverage that integrates the biomedical and pharmaceutical sciences with therapeutics Appendices containing valuable information on pharmacy abbreviations, laboratory tests, mathematical conversion factors, anthropometrics, and complementary and alternative therapies

Head Injury - Peter C. Whitfield 2009-04-09

A pragmatic, and multi-professional approach to the management of head injured patients. Covers epidemiology, experimental models, pathology, clinical examination, neuroimaging, trauma scoring, patient management including emergency department care, transfer of the patient, intensive care and surgical aspects, rehabilitation, paediatric head injury and finally, medico-legal issues.

Basic Skills in Interpreting Laboratory Data - Mary Lee 2013-06-01

Basic Skills in Interpreting Laboratory Data, Fifth Edition, is the classic and most popular pharmacy laboratory text because it is the only reference on this subject written by pharmacists, for pharmacists. Students find this guide a clear and useful introduction to the fundamentals of interpreting laboratory test results. The book enhances the skills pharmacists need by providing essential information on common laboratory tests used to screen for or diagnose diseases and monitor the effectiveness and safety of treatment and disease severity. Each chapter contains learning objectives, case studies,

bibliographies, and charts that summarize the causes of high and low test results. New for this edition: Updated and expanded Quick View tables in each chapter now match those in the popular quick-reference, *Interpreting Laboratory Data: A Point-of-Care Guide* New glossary of acronyms is right up front for a streamlined reference Normal value ranges of all tests have been standardized by an expert pathologist New and updated cases in each chapter apply your Basic Skills in clinical situations Reorganized to highlight the application of concepts by body system, and in special populations Basic Skills in *Interpreting Laboratory Data* offers features that will help pharmacy students not only understand and engage with the material but also will streamline the transition from classroom to practice setting. After studying with this trusted text, students and pharmacists will more effectively monitor patient therapy, evaluate test results, and improve outcomes through optimal and focused pharmacotherapy.

Rush University Medical Center Review of Surgery - Jose M. Velasco, MD, FACS, FCCS 2011-06-06

Rush University Medical Center Review of Surgery, edited by Drs. Velasco, Bines, Deziel, Millikan, McCarthy, Prinz, and Saclarides, gives you a concise yet comprehensive review of both general surgery and surgical subspecialties in a user-friendly question-and-answer format that mimics actual exams. Thoroughly revised, this 5th edition adds new chapters and updates existing chapters with the latest surgical techniques and practices, plus an increased emphasis on ethics, while maintaining its broad review of surgical topics to provide wide-ranging and complete coverage of the information most important to you. More than 1,500 peer-reviewed questions mirror standardized test blueprints provide a realistic simulation of the actual test-taking experience so you can become accustomed to the exam interface. In print and online at www.expertconsult.com, the *Rush University Review* is perfect for residents in training, surgeons preparing for certification or recertification exams, and experienced clinicians wishing to keep abreast of current practices and recent advances. Challenge your knowledge with more than 1,500 review questions, with answers and rationales, that cover the full range of topics in general and subspecialty surgery - all the information you need to prepare for certification and recertification or stay current with new advances. Get a realistic simulation of the actual exam with questions that mimic standardized tests and prepare you for board and ABSITE exams. Understand the rationale behind the answers to each question with clear, illustrated explanations from Elsevier's trusted surgical references including *Cameron's Current Surgical Therapy*. Access the fully searchable text online at www.expertconsult.com, along with hyperlinked references, illustrations, self-assessment tools, and more. Master the latest need-to-know information in your field with abundant new chapters and updates throughout reflecting the latest surgical techniques and practices, as well as an increased emphasis on ethics to help you prepare for this increasingly important aspect of the boards. The perfect review for preparing for the boards, certification and recertification.

The Causes of Epilepsy - Simon D. Shorvon 2011-04-14

Causation is an aspect of epilepsy neglected in the scientific literature and in the conceptualization of epilepsy at a clinical and experimental level. It

was to remedy this deficiency that this book was conceived. The book opens with a draft etiological classification that goes some way to filling the nosological void. The book is divided into four etiological categories: idiopathic, symptomatic, cryptogenic, and provoked epilepsies. Each chapter considers topics in a consistent fashion, dealing with the phenomenon of epilepsy in each etiology, including its epidemiology, clinical features and prognosis, and any specific aspects of treatment. The book is a comprehensive reference work, a catalogue of all important causes of epilepsy, and a clinical tool for all clinicians dealing with patients who have epilepsy. It is aimed at epileptologists and neurologists and provides a distillation of knowledge in a form that is helpful in the clinical setting.

Handbook of Pharmaceutical Excipients - Raymond C. Rowe 2009-01-01

An internationally acclaimed reference work recognized as one of the most authoritative and comprehensive sources of information on excipients used in pharmaceutical formulation with this new edition providing 340 excipient monographs. Incorporates information on the uses, and chemical and physical properties of excipients systematically collated from a variety of international sources including: pharmacopeias, patents, primary and secondary literature, websites, and manufacturers' data; extensive data provided on the applications, licensing, and safety of excipients; comprehensively cross-referenced and indexed, with many additional excipients described as related substances and an international supplier's directory and detailed information on trade names and specific grades or types of excipients commercially available.

The Liver in Systemic Diseases - Hiromasa Ohira 2016-06-29

Based on the results of studies on autoimmunity, the endocrine system, nutrients, metal metabolism and intestinal bacterial flora, this volume thoroughly covers studies on functional correlation of the liver with the spleen, visceral fat, intestinal tract, and central nervous system. Including associations with dysbiosis, nonalcoholic steatohepatitis (NASH) and hepatocellular carcinoma, it offers comprehensive data on correlations of organs with the liver from basic and clinical viewpoints. *The Liver in Systemic Diseases* will especially be of interest to researchers, clinical residents and medical students with an interest in hepatology and gastroenterology. Furthermore, the book has interdisciplinary appeal and provides a foundation that will help physicians to consider clinical conditions of diseases from a broader perspective.

Encyclopedia of Intensive Care Medicine - Jean-Louis Vincent 2012-03-18

The aim of this comprehensive encyclopedia is to provide detailed information on intensive care medicine contributing to the broad field of emergency medicine. The wide range of entries in the *Encyclopedia of Intensive Care Medicine* are written by leading experts in the field. They will provide basic and clinical scientists in academia, practice, as well as industry with valuable information about the field of intensive care medicine, but also people in related fields, students and teachers will benefit from the important and relevant information on the most recent developments in emergency medicine. The *Encyclopedia* will contain 4 volumes, and published simultaneously online. The entire field has been divided into 14 sections. All entries will be

arranged in alphabetical order with extensive cross-referencing between them.

Heart Failure Management: The Neural Pathways - Edoardo Gronda 2015-12-24

This book describes the most recent insights into heart failure and the role played by autonomic nervous system pathophysiology in it, discussing the therapeutic implications. While current therapeutic approaches are able to control the effects of excessive adrenergic activation in heart failure syndrome, the underlying abnormalities of adrenergic control remain unaltered and can still cause progression to unmanageable end-stage heart failure. New therapeutic pathways are therefore being explored with a view to developing interventions that can directly modulate adrenergic over-activity and restore a more appropriate balance in neural control of the cardiovascular system. The book opens by examining current heart failure therapies. Advances in our understanding of autonomic regulation/dysregulation in heart failure are then discussed in detail, in the context of the search for more effective therapies. A concluding section addresses the role of autonomic nervous system denervation in heart failure. The authors are top scientists from leading research centers.

Liver Disease in Children - Frederick J. Suchy 2014-02-20

The fourth edition of this authoritative text covers every aspect of liver disease affecting infants, children and adolescents. As in the previous editions, it offers an integrative approach to the science and clinical practice of pediatric hepatology and charts the substantial progress in understanding and treating these diseases. All of the chapters are written by international experts and address the unique pathophysiology, manifestations and management of these disorders. This edition of the landmark text features extended coverage of viral hepatitis, metabolic liver disease, fatty liver disease and liver transplantation, including a new chapter on post-transplant care and outcomes. All of the chapters have been updated to reflect changing epidemiology and recent advances in molecular medicine and genomics. With the continued evolution of pediatric hepatology as a discipline, this text remains an essential reference for all physicians involved in the care of children with liver disease.

Nelson Essentials of Pediatrics E-Book - Karen Marcidante 2018-02-27

Part of the highly regarded Nelson family of pediatric references, *Nelson Essentials of Pediatrics*, 8th Edition, is a concise, focused resource for medical students, pediatric residents, PAs, and nurse practitioners. Ideal for pediatric residencies, clerkships, and exams, this 8th Edition offers a readable, full-color format; high-yield, targeted chapters; and new features that make it even more user-friendly for today's in-training professionals or practitioners. Focuses on the core knowledge you need to know, while also providing complete coverage of recent advances in pediatrics. Coverage includes normal childhood growth and development, as well as the diagnosis, management, and prevention of common pediatric diseases and disorders. Includes new Pearls for Practitioners bullets at the end of each section, providing key clinical points and treatment information. Features well written, high-yield coverage throughout, following COMSEP curriculum guidelines relevant to your pediatric clerkship or rotation. Uses a full-color format with images and numerous new tables throughout, so you can easily visualize complex information. Provides real-world insights from chapter authors who are also Clerkship Directors,

helping you gain the knowledge and skills necessary to succeed both in caring for patients and in preparing for clerkship or in-service examinations

Tietz's Applied Laboratory Medicine - Mitchell G. Scott 2007-02-26

Using a problem-based approach, *Tietz's Applied Laboratory Medicine, Second Edition* presents interesting cases to illustrate the current use and interpretation of the most commonly available clinical laboratory tests. The cases present detailed descriptions of the symptoms, diagnosis, and treatment of disease. The book begins with an up-to-date general discussion of selection and use of laboratory diagnostic and prognostic tests. Cases are then grouped by category, including cardiovascular, pulmonary, renal, liver, gastrointestinal, endocrine, gynaecologic & obstetrical, haematological, CNS, lipid, congenital, toxicological, infectious, and autoimmune diseases. *Tietz's Applied Laboratory Medicine, Second Edition*: Presents over 100 cases organised by disease group Reflects latest treatment and risk factor guidelines, testing algorithms and recommendations Newly covers coagulopathies, infectious diseases, and autoimmune diseases Provides excellent coverage of relevant pathophysiology and biochemistry, and includes cases in molecular diagnostics Discusses legal implications This book is an invaluable resource for all clinical chemists, clinical lab technologists, pathologists, and allied health professionals. It is also of interest for general practitioners, residents, medical students, and educators.

The Renal Drug Handbook - Caroline Ashley 2018-05-24

This invaluable guide, endorsed by the UKMi and reflecting the extensive experience of the UK Renal Pharmacy Group, features drug monographs guiding physicians in how to prescribe, prepare, and administer drugs to patients with different levels of kidney function and when undergoing renal replacement therapy. It has been fully updated for this fifth edition to include up to 100 additional drugs, while maintaining the clear structure and format that is easy to use and simple to follow in the busy clinical setting. It continues to offer support and guidance to health care professionals enabling them to prescribe medications to their renal patients appropriately and safely.

Schwartz's Clinical Handbook of Pediatrics - Leslie J. Raffini 2012-02-02

Organized by chief complaint, this comprehensive, pocket-sized handbook for medical students and early residents covers the diagnosis and management of more than 80 common problems found in children, focusing on symptoms, differential diagnosis, laboratory assessment, and various treatment options for each problem. Customers & reviewers note that the major strengths of this book are its readability and ease of use. It contains the perfect amount of detail and emphasizes high-yield topics that appear on end-of-rotation and in-service exams and really helps direct one's thinking process.

Clinical Practice Guidelines For Chronic Kidney Disease - 2002

Harper's Illustrated Biochemistry, 28th Edition - Robert K. Murray 2009-07-03

The biochemistry text that every medical student must own--now in full color! Comprehensive, concise, and up-to-date, Harper's is unrivaled in its ability to clarify the link between biochemistry and the molecular basis of health and disease. The Twenty-Eighth Edition has undergone sweeping changes -- including a conversion to full-color artwork and the substantial revision and updating of

every chapter -- all to reflect the latest advances in knowledge and technology and to make the text as up-to-date and clinically relevant as possible. Combining outstanding full-color illustrations with integrated coverage of biochemical diseases and clinical information, Harper's Illustrated Biochemistry offers an organization and clarity not found in any other text on the subject. Striking just the right balance between detail and brevity, Harpers Illustrated Biochemistry is essential for USMLE review and is the single best reference for learning the clinical relevance of a biochemistry topic. NEW to this edition: Full-color presentation, including 600+ illustrations Every chapter opens with a Summary of the Biomedical Importance and concludes with a Summary reviewing the topics covered Two all-new chapters: "Free Radicals and Antioxidant Nutrients" and "Biochemical Case Histories" which offers an extensive presentation of 16 clinical conditions A new appendix containing basic clinical laboratory results and an updated one with a list of important websites and online journals NEW or updated coverage of important topics including the Human Genome Project and computer-aided drug delivery

Crisis Management in Anesthesiology E-Book - David M. Gaba 2014-08-21
The fully updated Crisis Management in Anesthesiology continues to provide updated insights on the latest theories, principles, and practices in anesthesiology. From anesthesiologists and nurse anesthetists to emergency physicians and residents, this medical reference book will effectively prepare you to handle any critical incident during anesthesia. Identify and respond to a broad range of life-threatening situations with the updated Catalog of Critical Incidents, which outlines what may happen during surgery and details the steps necessary to respond to and resolve the crisis. React quickly to a range of potential threats with an added emphasis on simulation of managing critical incidents. Useful review for all anesthesia professionals of the core knowledge of diagnosis and management of many critical events. Explore new topics in the ever-expanding anesthesia practice environment with a detailed chapter on debriefing. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability.

Problem-Based Physiology - Robert G. Carroll 2009-02-05
A fully problem-based, integrated physiology text, this new resource uses clinical case studies to promote interactive learning and to build a foundation of knowledge for clinical practice. Each case presents an unknown clinical disorder and examines differential diagnoses, treatments, and outcomes as well as relevant physiologic principles for a well-rounded review. Approximately 150 illustrations (most in full color) reinforce learning of the written material, while a practice test of USMLE-style questions-with explanations-aids in USMLE Steps 1 and 2 preparation. Features a problem-based approach to promote interactive learning and to build a foundation of knowledge for the USMLE Steps 1 and 2 as well as for clinical practice. Presents a summary of physiologic principles related to each unknown clinical disorder, along with differential diagnoses, treatments, and outcomes for a well-rounded review. Includes nearly 150 illustrations, most in full color, that reinforce learning of the written material.

Obstetric and Gynecologic Nephrology - Mala Sachdeva 2019-10-18
The female patient with chronic kidney disease often requires care that differs

from the male patient. Particularly in the pregnant patient, a specialized body of knowledge is required to provide optimal care. This book focuses on such issues encountered during pregnancy including physiology and pathophysiology of pregnancy, hypertension, preeclampsia, various electrolyte disorders, nephrolithiasis, pharmacological management in the pregnant patient with kidney disease and during breastfeeding, acute kidney and chronic kidney disease, dialysis of the pregnant patient, lupus nephritis, thrombotic microangiopathy, glomerular disease management, use of renal biopsy during pregnancy, care of the female transplant patient, contraceptive counseling and postpartum care, various endocrine disorders, and bone disease in the female patient with chronic kidney disease. This book features the latest evidence and clinical approaches for the beginner or for the experienced practitioners who care for pregnant woman or even for those who require expertise in women's health. Written by experts in the field, **Obstetric and Gynecologic Nephrology: Women's Health Issues in the Patient with Kidney Disease** is a valuable resource for clinicians and practitioners involved in the care and treatment of obstetric and gynecologic patients afflicted with kidney disease.

Cardiac Emergencies in Children - Ashok P. Sarnaik 2018-04-11

This book is primarily for pediatric and adult emergency room physicians, primary care providers, hospitalists, and nurses. It will also be useful for critical care specialists, cardiologists and trainees at all levels. **Cardiac Emergencies in Children** describes the pathophysiology of a diverse group of congenital and acquired heart conditions and presents a therapeutic rationale for treating children presenting with these conditions under life-threatening conditions. The book discusses the effects of surgery on hemodynamics and how to manage these effects. Also described are the daily challenges faced by physicians, including identifying a child with heart disease, interpreting chest radiographs, ECGs, and laboratory findings, and beginning appropriate therapies.

Endocrine Secrets - Michael T. McDermott, MD 2013-04-18

The thoroughly updated **Endocrine Secrets**, 6th Edition continues the tradition of the highly popular **Secrets Series®**, offering fast answers to the most essential clinical endocrinology questions. A user-friendly Q&A format, replete with valuable pearls, tips, and memory aids, helps you to learn and study efficiently. It all adds up to a perfect concise board review or handy clinical endocrinology resource. Expedite your reference and review with a question-and-answer format that's conversational and easy to read. Zero in on key information with bulleted lists, mnemonics, practical tips from prominent endocrinologists, and "Key Points" boxes that provide a concise overview of important board-relevant content. Quickly review essential material with a chapter containing the "Top 100 Secrets" in endocrinology. Take your **Secrets** anywhere thanks to a convenient, pocket-sized design! Remain at the forefront of medical endocrinology with updates on new techniques and technologies, as well as changing treatment options and drug information. Equip yourself for effective practice with coverage of the most current developments in obesity management, weight loss drugs, and bariatric surgery; the newest guidelines for the pharmacological treatment of type 2 diabetes mellitus; and much more. Make use of practical tips on intensive insulin therapy, and apply evidence-based

techniques to achieve appropriate glucose control in hospitalized patients and effectively manage thyroid cancer. Access the latest research concerning the benefits and risks of the wide range of osteoporosis therapies.

Nutrition for Healthy Hair - Ralph M. Trüeb 2020-11-22

The quantity and quality of the hair are closely related to the nutritional state of an individual. And yet, there is hardly another field with so much prejudice, misconception, and debate as diet and health, let alone hair health. Pharmacy aisles and Internet drugstores are full of nutritional supplements promising full, thick, luscious hair for prices that range from suspiciously cheap to dishearteningly exorbitant. Since there lies an important commercial interest in the nutritional value of various nutritional supplements, a central question that arises is whether increasing the content of an already adequate diet with nutrients may further promote hair growth and quality. This book aims at distinguishing facts from fiction, and at providing a sound scientific basis for nutrition-based strategies for healthy hair, at the same time acknowledging the problems and limitations of our current understanding and practice.

Fetal & Neonatal Secrets - Richard A. Polin 2013-09-11

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

Fluid, Electrolyte and Acid-Base Disorders - Alluru S. Reddi 2013-10-23

Fluid, Electrolyte and Acid-Base Disorders: Clinical Evaluation & Management is a clear and concise presentation of the fundamentals of fluid, electrolyte and acid-base disorders frequently encountered in clinical practice. Each chapter begins with pertinent basic physiology followed by its clinical disorder. Cases for each fluid, electrolyte and acid-base disorder are discussed with answers. In addition, board-type questions with explanations are provided for each clinical disorder to increase the knowledge for the clinician. Practical and clinically oriented, this book is a handy reference for practicing physicians, students, residents and fellows.

Oral and Maxillofacial Surgery for the Clinician - Krishnamurthy Bonanthaya

2021

This is an open access book with CC BY 4.0 license. This comprehensive open access textbook provides a comprehensive coverage of principles and practice of oral and maxillofacial surgery. With a range of topics starting from routine dentoalveolar surgery to advanced and complex surgical procedures, this volume is a meaningful combination of text and illustrations including clinical photos, radiographs, and videos. It provides guidance on evidence-based practices in context to existing protocols, guidelines and recommendations to help readers deal with most clinical scenarios in their daily surgical work. This multidisciplinary textbook is meant for postgraduate trainees, young practicing oral surgeons and experienced clinicians, as well as those preparing for university and board certification exams. It also aids in decision-making, the implementation of treatment plans and the management of complications that may arise. This book is an initiative of Association of Oral and Maxillofacial Surgeons of India (AOMSI) to its commitment to academic medicine. As part of this commitment, this textbook is in open access to help ensure widest possible dissemination to readers across the world. ; Open access Unique presentation with contents divided into color-coded core competency gradations Covers all aspects of oral and maxillofacial surgery Supplemented with videos of all commonly carried out procedures as operative video Every chapter or topic concludes with "future perspective" and addresses cutting edge advances in each area Every topic has a pull out box that provides the most relevant systematic reviews/ key articles to every topic.

'Essentials of Cancer Genomic, Computational Approaches and Precision Medicine
- Nosheen Masood 2020-03-20

This book concisely describes the role of omics in precision medicine for cancer therapies. It outlines our current understanding of cancer genomics, shares insights into the process of oncogenesis, and discusses emerging technologies and clinical applications of cancer genomics in prognosis and precision-medicine treatment strategies. It then elaborates on recent advances concerning transcriptomics and translational genomics in cancer diagnosis, clinical applications, and personalized medicine in oncology. Importantly, it also explains the importance of high-performance analytics, predictive modeling, and system biology in cancer research. Lastly, the book discusses current and potential future applications of pharmacogenomics in clinical cancer therapy and cancer drug development.

The Renal Drug Handbook - Caroline Ashley 2008

"Handbook offers information compiled from the UK Renal Pharmacy Group and features drug monographs guiding physicians in how to prescribe, prepare, and administer drugs to patients undergoing renal replacement therapy. Also provides a practice-based review of drug utilization in renal units across the UK."--BOOK JACKET.

Surgical Critical Care Therapy - Ali Salim 2018-05-03

This text provides a comprehensive, state-of-the art review of this field, and will serve as a valuable resource for clinicians, surgeons and researchers with an interest in surgical critical care. The book reviews up to date data regarding the management of common problems that arise in the Surgical Intensive Care Unit. The protocols, care bundles, guidelines and checklists

that have been shown to improve process measures, and in certain circumstances, are discussed in detail. The text also discusses several well designed randomized prospective trials conducted recently that have altered the way we care for surgical patients with traumatic brain injury, hemorrhagic shock, acute respiratory distress syndrome, and sepsis. This book provides the practicing physician with a clinically oriented practical approach to handle basic and complex issues in the Surgical Intensive Care Unit. This text will serve as a very useful resource for physicians dealing with critically ill surgical patients. It provides a concise yet comprehensive summary of the current status of the field that will help guide patient management and stimulate investigative efforts. All chapters are written by experts in their fields and include the most up to date scientific and clinical information. This text will become an invaluable resource for all graduating fellows and practicing physicians who are taking the surgical critical care board examinations.

Atlas of Ultrasonography in Urology, Andrology, and Nephrology - Pasquale Martino 2017-03-28

This book provides the latest recommendations for ultrasound examination of the entire urogenital system, particularly in the male. The coverage encompasses the role of ultrasound in imaging of disorders of the kidneys, urinary tract, prostate, seminal vesicles, bladder, testes, and penis, including male infertility disorders. In addition, detailed consideration is given to intraoperative and interventional ultrasound and recently developed ultrasound techniques. Each chapter defines the purpose of and indications for ultrasound, identifies its benefits and limitations, specifies the technological standards for devices, outlines performance of the investigation, establishes the expected accuracy for differential diagnosis, and indicates the reporting method. Most of the recommendations are based on review of the literature, on previous recommendations, and on the opinions of the experts of the Imaging Working Group of the Italian Society of Urology (SIU) and the Italian Society of Ultrasound in Urology, Andrology, and Nephrology (SIEUN). The book will be of value for all physicians involved in the first-line evaluation of diseases of the renal/urinary system and male genital disorders.

Neurocritical Care Board Review - Asma Zakaria, MD 2013-07-19

Neurocritical Care Board Review: Questions and Answers provides clinicians with a thorough review of the complex subspecialty of Neurocritical Care, using a question-and-answer (Q&A) format. The Q&A format is easily readable, high yield, and serves as good practice for test takers or anyone looking to improve or reinforce essential knowledge. The book covers the key topics pertinent to (and found on) neurocritical care boards, and is organized according to the exam core curriculum outline. A total of 649 questions address both neuroscience critical care (general neurology, neurotrauma, neurovascular and neurosurgical problems) and general critical care topics (systems trauma, cardiovascular, infectious disease, pulmonary and renal issues, and hemodynamic monitoring). Detailed explanations follow in the answer section of each chapter, along with references for further study. Where relevant, neuroimaging, EEG and monitoring waveforms, and other images are included in case questions to allow candidates to familiarize themselves with these tools that form a

significant part of the exam. Features of Neurocritical Care Board Review include: Comprehensive, high-yield review that covers all areas tested on the neurocritical care certifying exam Applicability to a wide range of physicians in multiple specialties reviewing for boards or looking to test skills and clinical acumen in this challenging area Question and answer format with detailed explanations and references to facilitate recall of must-know information and help identify knowledge gaps for further attention Material aggregated from multiple specialties into a singular resource for exam study *Clinical Decisions in Nephrology, Hypertension and Kidney Transplantation* - Edgar V. Lerma 2016-08-23

Through case presentations and a question and answer format, *Clinical Decisions in Nephrology, Hypertension and Renal Transplantation* provides a state of the art, updated reference for the optimal management of patients with diseases of the kidneys, and hypertension. This volume starts with the assessment of the patient, focusing on history and physical examination. Subsequently, cases depicting various clinical syndromes and/or diseases are presented, with questions centering on the appropriate diagnostic and treatment strategy. This sets the stage for a 'Socratic approach' to learning between the attending physician and the house staff or medical student. This is the only book featuring problem-oriented true to life clinical cases in this format to cover nephrology, hypertension and kidney transplantation. Written by renowned actively practicing clinicians, this unique reference is both comprehensive and concise and will be of great value to hospitalists and internists, as well as students, and interns/residents rotating in nephrology and internal medicine. Clinical practitioners, in the fields of critical care and hypertension specialists would also find this of value.

Clinical Nephrotoxins - Marc E. de Broe 2007-05-08

To you the reader, the joy of discovery begins, for We continue in our goal of providing a text which us the job is done. In this edition, we have corrected is useful, not only to the clinician, but of equal interest past deficiencies, added new topics, expanded infor- to the investigator. The selection of content has been mation regarding the pediatric age group, provided directed at topics of current interest rather than those up to date (March 2003) references, while remaining of historic contribution. We have stressed the cont- true to our concept of a multi-national author book. bution of cell biology and pathophysiology, were it We continue to believe that scientific information is an exists, believing it provides both a better understa- international commodity whose interpretation and ap- ing of toxic injury when known, and a rational dir- plication are strongly influenced by both the cultural tion for therapy and prevention. and ethnic background of the observer. The oppor- nity to share in the rich diversity of the international We are encouraged by the accumulation of rec- scientific community remains a fundamental goal of nized risk factors, which allow pre-treatment strati- this endeavor. To participate as equals leads to mu- cation of our patients' relative risk and allow us to - tual respect and peer appreciation. The sharing of in- cus our preventative techniques on the individuals tellectual resources fostered by this effort should and most likely to gain the greatest benefit.

Blood and Marrow Transplant Handbook - Richard T. Maziarz 2015-04-20

This updated and expanded edition developed by the Blood and Marrow Stem Cell Transplant team at Oregon Health & Science University Knight Cancer Institute features the latest medical management guidelines and standards of care for hematopoietic stem cell transplant patients. Spanning the timeline from the initial consultation throughout the transplant process, this handbook includes indications for transplantation and donor selection, treatment guidelines for addressing complications during and after transplant, and recommendations for long-term follow up care. Concise, comprehensive, and easy-to-use, Blood and Marrow Transplant Handbook, 2nd Edition presents a multidisciplinary approach to information for physicians and advanced practice medical providers who care for transplant patients, and also residents, fellows, and other trainees.

Nelson Essentials of Pediatrics E-Book - Karen Marcdante 2014-02-25

The resource of choice for pediatric residencies, clerkships, and exams, Nelson Essentials of Pediatrics continues to provide a focused overview of the core knowledge in pediatrics. Succinct, targeted coverage of normal childhood growth and development, as well as the diagnosis, management, and prevention of common pediatric diseases and disorders, make this an ideal medical reference book for students, pediatric residents, nurse practitioners, and physician assistants. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Get an effective overview of pediatrics with help from concise text, a full-color design, high-yield tables, and numerous images. Take advantage of a wealth of images that capture the clinical manifestations and findings associated with Kawasaki disease, lupus, lymphoma, stroke, and many other disorders seen in children. Efficiently review essential, concise pediatric content with this popular extension of the Nelson Textbook of Pediatrics (ISBN: 978-1-4377-0755-7). Focus on the core knowledge needed for your pediatric clerkship or rotation with coverage that follows the COMSEP curriculum guidelines. Easily visualize complex aspects with a full-color layout and images, as well as numerous tables throughout the text.

Pediatric Hepatology - William F. Balistreri 1990-04-01

Third in a series of textbooks on pediatric disease primarily based on annual seminars held at the Gant in Aspen, Colorado as part of the Aspen conference on Pediatric Diseases, directed by the Institute for Pediatric Medical Education founded in 1981.

Endocrinology and Diabetes - Ramzi Ajjan 2015-03-26

This book provides case studies accompanied by questions and commentaries for the specialist registrar in diabetes and endocrinology, to assist with problem-based learning during their training. The case studies range from the everyday to the rare and complicated, presenting a strong foundation for the specialist trainee to prepare them for their qualifying exams and, more importantly, for their future clinical consultations.