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Vascular Anesthesia - Joel A. Kaplan 2004

This comprehensive text delivers cutting-edge scientific knowledge and expert clinical guidance on anesthesia for the vascular surgical patient or the patient with cardiac disease undergoing major noncardiac surgery. It covers cardiovascular anatomy, physiology, and pharmacology; preoperative assessment and management, specific perioperative considerations, and postoperative management. This 2nd Edition features eight completely rewritten chapters and six new chapters. Extensive updates throughout reflect all the new procedures, drugs, techniques, and monitoring modalities that have emerged over the last decade. Delivers cutting-edge scientific knowledge that serves as a basis for clinical practice. Provides comprehensive coverage of anesthesia, including cardiovascular anatomy, physiology, and pharmacology preoperative assessment and management specific perioperative considerations and postoperative management. Integrates recent developments from the fields of anesthesiology, cardiology, cardiovascular pharmacology, vascular surgery, and critical care medicine to present a complete clinical picture Offers fresh perspectives from many new contributors who are leaders in their fields. Explores all the new procedures, drugs, techniques, and monitoring modalities that have emerged over the last decade. Devotes more coverage to regional anesthesia or combined regional and general anesthesia for modification of stress responses, improved pain control, better wound healing, and control of inflammatory/immunomodulatory changes associated with surgery. Places increased emphasis on the physiology, diseases, and surgery of the peripheral vasculature throughout, including a new chapter on The Peripheral Circulation in Patients with Vascular Disease (Chapter 1). Includes a new chapter on Imaging of the Vasculature(Chapter 2), that is completely up to date and easy to read. Covers anesthesia and perioperative care for all of the latest procedures, including new information on minimally invasive techniques and new chapters on Interventional Vascular Radiologic Procedures (Chapter 4) and Choice of Invasive vs. Noninvasive Surgery (Chapter 7). Features expanded material on postoperative care, especially on new techniques for pain management, and includes new chapters on Respiratory Complications and Management (Chapter 18) and Ethical Decisions/End of Life Care in Patients with Vascular Disease (Chapter 20). With 20 additional contributors.

Kaplan's Cardiac Anesthesia E-Book - Joel A. Kaplan 2011-04-11

Optimize perioperative outcomes with Kaplan's Cardiac Anesthesia! Dr. Joel L.

Kaplan and a host of other authorities help you make the best use of the latest techniques and navigate your toughest clinical challenges. Whether you are administering anesthesia to cardiac surgery patients or to cardiac patients undergoing non-cardiac surgery, you'll have the guidance you need to avoid complications and ensure maximum patient safety. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Compatible with Kindle®, nook®, and other popular devices. Update your understanding of cardiovascular and coronary physiology, and the latest advances in molecular biology and inflammatory response mechanisms. Master the newest approaches to perioperative assessment and management, including state-of-the-art diagnostic techniques. Tap into the latest knowledge about 2D and 3D transesophageal echocardiography, anesthesia delivery for minimally invasive/robotic cardiac surgery, assist devices and artificial hearts, cardiac pacing, cardiac resynchronization therapy, ablation techniques, and more. Access the complete contents online at Expert Consult, plus additional online-only features including an ECG atlas...videos that demonstrate 2-D and 3-D TEE techniques in real time...and an Annual Year End Highlight from the Journal of Cardiovascular Anesthesia that's posted each February. Clearly visualize techniques with over 800 full-color illustrations.

Creasy and Resnik's Maternal-Fetal Medicine: Principles and Practice E-Book - Robert K. Creasy 2013-09-17

Minimize complications with Creasy and Resnik's Maternal-Fetal Medicine. This medical reference book puts the most recent advances in basic science, clinical diagnosis, and management at your fingertips, equipping you with the up-to date evidence-based guidelines and knowledge you need to ensure the best possible outcomes in maternal-fetal medicine. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Apply today's best practices in maternal-fetal medicine with an increased emphasis on evidence-based medicine. Find dependable, state-of-the-art answers to any clinical question with comprehensive coverage of maternal-fetal medicine from the foremost researchers and practitioners in obstetrics, gynecology and perinatology. Take advantage of the most recent diagnostic advances with a new section on Obstetrical Imaging, complemented by online ultrasound clips as well as cross references and links to genetic disorder databases. Stay on top of rapidly evolving maternal-

fetal medicine through new chapters on Recurrent Spontaneous Abortion, Stillbirth, Patient Safety, Maternal Mortality, and Substance Abuse, as well as comprehensive updates on the biology of parturition, fetal DNA testing from maternal blood, fetal growth, prenatal genetic screening and diagnosis, fetal cardiac malformations and arrhythmias, thyroid disease and pregnancy, management of depression and psychoses during pregnancy and the puerperium, and much more. Access the complete contents online at Expert Consult.

From Cancer Patient to Cancer Survivor - National Research Council 2005-12-01

With the risk of more than one in three getting cancer during a lifetime, each of us is likely to experience cancer, or know someone who has survived cancer. Although some cancer survivors recover with a renewed sense of life and purpose, what has often been ignored is the toll taken by cancer and its treatment—on health, functioning, sense of security, and well-being. Long lasting effects of treatment may be apparent shortly after its completion or arise years later. The transition from active treatment to post-treatment care is critical to long-term health. *From Cancer Patient to Cancer Survivor* focuses on survivors of adult cancer during the phase of care that follows primary treatment. The book raises awareness of the medical, functional, and psychosocial consequences of cancer and its treatment. It defines quality health care for cancer survivors and identifies strategies to achieve it. The book also recommends improvements in the quality of life of cancer survivors through policies that ensure their access to psychosocial services, fair employment practices, and health insurance. This book will be of particular interest to cancer patients and their advocates, health care providers and their leadership, health insurers, employers, research sponsors, and the public and their elected representatives.

Pocket Guide to POCUS: Point-of-Care Tips for Point-of-Care Ultrasound (eBook) - Cameron Baston 2019-02-05

A unique pocket guide to the use of ultrasound at the point of care. Lately, there has been an enormous amount of interest in the use of ultrasound for both procedural and diagnostic guidance at the point of care. Although this type of instruction can be found in some textbooks, they are heavy, dense, and written for the classroom, not real-world clinical situations. *Pocket Guide to POCUS* is the portable, quick-hit alternative. *Pocket Guide to POCUS* provides trainees with the tips and reminders they may need at the point of care. Things such as what images to acquire, and how to get them, or a quick glance at pathology in comparison to a normal image. For learners at all levels, this pocket guide will hopefully reduce their fear of scanning, while preventing some of the more common pitfalls the authors have observed over their more than 50 cumulative years' experience. Each chapter of the book is divided into four sections: •Key Images•Acquisition Tips•Interpretation and Pitfalls•Examples of Pathology This information is conveniently located on cards that can be removed from the book and brought with you to the bedside. You can take notes on the cards, check off the scans that you've done, and of course, refer to them in order to provide your patients with the best care possible.

Fetal Cardiovascular Imaging E-Book - Jack Rychik 2011-08-28

Fetal Cardiovascular Imaging, edited by Drs. Rychik and Tian, is the most complete video atlas available in this field – providing the detailed visual guidance you need to successfully identify a full range of fetal heart disorders. Compiled by the team at the Cardiac Center at Children's Hospital in Philadelphia, this Expert Consult site and accompanying atlas-style text guide the acquisition and interpretation of fetal images for accurate diagnosis and effective management.

Vivid color images, drawings, pathologic specimens and diagnostic algorithms facilitate tracking the progress of development of over 100 fetal heart problems. Enhance your cardiac imaging skills with a video library demonstrating imaging of the normal heart, and the imaging presentation of more than 100 different fetal heart problems. Recognize potential problems using views of the normal heart in development for comparative diagnosis. Get comprehensive coverage of cardiac anatomy, pathophysiology, natural history and disease management. See developing and existing problems as they appear in practice thanks to an abundance of vivid color images, drawings, pathologic specimens, and diagnostic algorithms.

Networking Health - National Research Council 2000-07-12

Consumer health websites have garnered considerable media attention, but only begin to scratch the surface of the more pervasive transformations the Internet could bring to health and health care. *Networking Health* examines ways in which the Internet may become a routine part of health care delivery and payment, public health, health education, and biomedical research. Building upon a series of site visits, this book: Weighs the role of the Internet versus private networks in uses ranging from the transfer of medical images to providing video-based medical consultations at a distance. Reviews technical challenges in the areas of quality of service, security, reliability, and access, and looks at the potential utility of the next generation of online technologies. Discusses ways health care organizations can use the Internet to support their strategic interests and explores barriers to a broader deployment of the Internet. Recommends steps that private and public sector entities can take to enhance the capabilities of the Internet for health purposes and to prepare health care organizations to adopt new Internet-based applications.

The Olympic Textbook of Science in Sport - Ronald J. Maughan 2009-01-26

This new volume in the *Encyclopaedia of Sports Medicine* series, published under the auspices of the International Olympic Committee, delivers an up-to-date, state of the art presentation of the scientific aspects of conditioning, injury prevention, and competition. The book covers the key areas of scientific knowledge in sport and is divided into: physiology and biochemistry; nutrition; anthropometry; immunology; cell biology; biomechanics, engineering and ergonomics; psychology; pharmacology; limitations to performance; special populations; and exercise and health. Presented in a clear style and format, *The Olympic Textbook of Science in Sport*, draws on the expertise of an international collection of contributors who are recognized as leaders in their respective fields. It will be indispensable for all sport scientists and medical doctors who serve athletes and sports teams and is an invaluable reference for students of sport and exercise science.

Practice of Clinical Echocardiography E-Book - Catherine M. Otto 2016-11-09

The new edition of *Practice of Clinical Echocardiography* provides expert guidance on interpreting echocardiographic images and Doppler flow data. Designed for those already equipped with a mastery of basic principles, this definitive reference shows you how to apply these findings to your daily clinical decision making. Each chapter focuses on a specific disease process with technical details of qualitative and quantitative interpretation of echocardiographic images and Doppler flow data. Disease-oriented chapters emphasize the role of echocardiography in clinical decision making and prediction of clinical outcomes. New chapters cover emerging technologies, including transcatheter procedures for structural heart disease. Numerous images illustrate findings, while diagrams explain pathophysiology and flow charts guide clinical practice. Each chapter

includes a summary box with a practical approach to echo data acquisition, measurement, and interpretation.

Bioethical Controversies in Pediatric Cardiology and Cardiac Surgery - Constantine Mavroudis 2020-02-28

This title reviews the bioethical issues in congenital heart disease and other difficult pediatric cardiology and cardiac surgical situations. It provides considered opinions and recommendations as to the preferred actions to take in these cases, stressing the importance of making informed decisions that are bioethically sound and doing so using considered reasoning of all the related sensitive issues. *Bioethical Controversies in Pediatric Cardiology and Cardiac Surgery* provides detailed recommendations on potential solutions to make bioethical decisions in difficult clinical scenarios. There is particular emphasis on controversies involving surgery for hypoplastic left heart syndrome, futility, informed consent, autonomy, genomics, and beneficence. It is intended for use by a wide range of practitioners, including congenital heart surgeons, pediatric cardiologists, pediatric intensivists, nurse practitioners, physician's assistants, and clinical ethicists.

Sabiston Textbook of Surgery - Courtney M. Townsend Jr. 2007-11-21

This distinguished reference carries on a 70-year legacy as the world's most thorough, useful, readable, and understandable text on the principles and techniques of surgery. Its peerless contributors deliver all the well-rounded, state-of-the-art knowledge you need to richly grasp the pathophysiology and optimal management of every surgical condition-so you can make the best clinical decisions, avoid complications, manage unusual situations, and achieve the best possible outcomes. It is a valuable review tool for certification/recertification preparation, and an indispensable source of guidance on overcoming the challenges that arise in everyday practice. As an Expert Consult title, the thoroughly updated 18th edition comes with access to the complete contents online, fully searchable-enabling you to consult it rapidly from any computer with an Internet connection. In addition, this Premium Edition includes timely clinical updates online, plus links to MEDLINE, downloadable illustrations, bonus journal articles, review questions, and much more. Offers a more distinguished team of contributors and a better blend of clinical and basic-science information than any other source, providing you with the best possible understanding of the clinical issues surrounding every operative situation. Features a more user-friendly format, a larger and more helpful array of full-color illustrations, and a more versatile and well-constructed web site than other resources-making the answers that you need easier to locate and understand quickly. Offers an organization and content that parallels the written board American Board of Surgery exam, providing excellent preparation for certification and recertification. Includes access to the complete contents online, fully searchable, PLUS timely updates to reflect new scientific and clinical developments · references linked to MEDLINE · downloadable illustrations · bonus articles from important surgery periodicals (such as *Surgical Clinics of North America*, the *American Journal of Surgery*, *Operative Techniques in General Surgery*, and *Seminars in Colon and Rectal Surgery*) · review questions · and other valuable features. Incorporates an enhanced emphasis on surgical outcomes to mirror the growing importance of this topic. Delivers comprehensive updates to keep you current with the latest research, techniques, and emerging procedures in the field, as well as completely new chapters on "Surgical Patient Safety" and "Regenerative Medicine."

Pediatric Cardiology - Walter H. Johnson 2014-02-03

Caring for children with heart disease is extremely complex, requiring a different and often tailor-made approach compared with adults with similar cardiac problems. Built on the success of previous editions and brought to you by a stellar author team, *Pediatric Cardiology: The Essential Pocket Guide* provides a unique, concise and extremely practical overview of heart disease in children. From history-taking, physical examination, ECG, and chest X-ray – the basics that enable clinicians to uncover possible problems and eliminate areas of false concern – it goes on to examine the range of more complex topics in the diagnosis and treatment/management of childhood cardiovascular disease. New to this edition you'll find: An enhanced section on imaging including recent advances in cardiac MRI and fetal echocardiography. New techniques in genetic testing for heart disease in special populations. Much more emphasis on the importance of echocardiography in understanding the pathophysiology of congenital cardiac malformations. Expanded section on cardiac conditions in the neonate, specifically on prenatal diagnosis and management, neonatal screening for congenital heart disease, and hypoplastic left heart syndrome. Expanded and updated congestive cardiac failure section, including the latest in genetic and metabolic causes of heart failure, and medical/surgical treatment options; discussion of bridging therapies; essentials of transplantation, including common drug treatment regimens, clinical recognition of treatment complications and rejection, outcomes, morbidity and survival. In addition, every chapter is fully updated with the very latest clinical guidelines and management options from the AHA, ACC and ESC. *Pediatric Cardiology: The Essential Pocket Guide*, 3rd edition, is quite simply a must-have guide for all members of the multidisciplinary team managing children suffering from heart disease.

Handbook of Sports Medicine and Science - Jonathan C. Reeser 2008-04-15

This addition to the Handbook series is presented in five sections. The first sections covers basic and applied science, including biomechanics, the physiologic demands of volleyball, conditioning and nutrition. The second section looks at the role of the medical professional in volleyball, covering team physicians, pre-participation examination, medical equipment at courtside and emergency planning. The third section looks at injuries - including prevention, epidemiology, upper and lower limb injuries and rehabilitation. The next section looks at those volleyball players who require special consideration: the young, the disabled, and the elite, as well as gender issues. Finally, section five looks at performance enhancement.

The Sinatra Solution - Stephen T. Sinatra, M.D. 2009-04-24

Board-certified cardiologist Dr. Stephen T. Sinatra discusses the importance of energy metabolism on cardiovascular health and the positive impact these three energy-supplying nutrients have on the cardiovascular system. He guides you through the basics of energy metabolism and cardiac bioenergetics, and clearly explains the role of coenzyme Q10, L-carnitine, and D-ribose in the body and specifically how they affect your heart health. He also provides concise and informative examples of case histories and scientific studies that are testament to the important contribution the supplemental use of these energy-supplying nutrients make in the lives of people with heart disease every day.

To Act as a Unit - John D. Clough 2006-06

Dynamic Echocardiography E-Book - Roberto Lang 2010-07-19

Dynamic Echocardiography combines textbook, case-based, and multimedia approaches to cover the latest advances in this rapidly evolving specialty. The experts at

the American Society of Echocardiography (ASE) present new developments in 3D echocardiography, aortic and mitral valve disease, interventional and intraoperative echocardiography, new technologies, and more. You'll have everything you need to apply the latest techniques in echocardiography and get the best results...in print and online at www.expertconsult.com. Stay current on aortic and mitral valve disease, prosthetic heart valve disease, interventional and intraoperative echocardiography, transesophageal echocardiography, CAD, complications of MI, pericardial disease and intracardiac masses, myocardial diseases, heart failure filling pressures, CRT, CHD, and new technologies. Understand the advantages of 3D echocardiography and see how to effectively use this novel technique. Appreciate the visual nuances and details of echocardiography thanks to beautiful, full-color illustrations. Tap into the expertise of authorities from the American Society of Echocardiography.

Adult Critical Care Medicine - Jennifer A. LaRosa 2018-11-08

This clinical casebook provides a comprehensive yet concise state-of-the-art review of adult critical care medicine. Presented in a case-based format, each case focuses on a scenario commonly encountered with an adult patient in the ICU. Case scenarios include management of seizures and acute intracranial hypertension, sepsis, liver failure, brain death, bleeding and thrombosis, and treating hospital acquired infections in the ICU. Written by experts in the field, *Adult Critical Care Medicine: A Clinical Casebook* is a valuable resource for critical care specialists and practitioners who treat adult patients in critical care settings.

Manual of Canine and Feline Cardiology - Lawrence P. Tilley 2008-01-01

The most effective, practical approach to the recognition and management of cardiovascular and cardiopulmonary medicine, *MANUAL OF CANINE AND FELINE CARDIOLOGY*, 4th Edition takes a user-friendly approach to the challenges and conditions you encounter in everyday practice. This completely revised and updated edition includes vital information on diagnostic modalities and techniques, therapeutic options, surgical procedures, and pharmaceutical management of the dog and cat cardiac patient. This invaluable, practical reference covers the full breadth of canine and feline cardiology diagnosis and management in a straightforward and clinically focused format. Covers common cardiovascular disorders and practical treatment methods for cardiac failure, cardiac arrhythmias, conduction disturbances, cardiopulmonary arrest, as well as procedures for resuscitation. Includes numerous reproductions of electrocardiograms, thoracic radiographs, and pressure curves. Vibrant, full-color format helps important material stand out and includes vivid illustrations to aid in diagnosis and treatment. A user-friendly format with bullet points, tables, key points, and boxes offers at-a-glance access to key information. Cardiac Surgery chapter provides illustrated, step-by-step coverage of cardiovascular surgical procedures and techniques. Chapters on Pacemaker Therapy and Cor Pulmonale and Pulmonary Thromboembolism expand the scope of coverage. A completely updated drug formulary presents the most current therapies used to pharmacologically manage cardiovascular disease. Twenty-nine expert contributors share their knowledge and clinical exposure to ensure you are using the most trustworthy and up-to-date information available.

Braunwald's Heart Disease - Eugene Braunwald 2005

"[A]ccompanying CD contains additional images and video clips." -- v. 2, p. xv.

Basketball Sports Medicine and Science - Lior Laver 2020-10-05

This book is designed as a comprehensive educational resource not only for basketball medical caregivers and scientists but for all basketball personnel.

Written by a multidisciplinary team of leading experts in their fields, it provides information and guidance on injury prevention, injury management, and rehabilitation for physicians, physical therapists, athletic trainers, rehabilitation specialists, conditioning trainers, and coaches. All commonly encountered injuries and a variety of situations and scenarios specific to basketball are covered with the aid of more than 200 color photos and illustrations. *Basketball Sports Medicine and Science* is published in collaboration with ESSKA and will represent a superb, comprehensive educational resource. It is further hoped that the book will serve as a link between the different disciplines and modalities involved in basketball care, creating a common language and improving communication within the team staff and environment. **Mosby's Manual of Diagnostic and Laboratory Tests - E-Book** - Kathleen Deska Pagana 2017-10-08

Writing care plans, understanding and performing tests, and interpreting test results is made easier with *Mosby's Manual of Diagnostic and Laboratory Tests*, 6th Edition. This essential resource provides clear, concise coverage of over 700 of the most commonly performed diagnostic and laboratory tests. Valuable in academic and clinical settings alike, it is beloved for its full-color design, user-friendly organization, and illustrations that help clarify key concepts. Updated and streamlined content with new tests ensures you have the most relevant information. A new Diagnostic Testing for the Most Common Diseases section highlights the integration of medical testing as it relates to the top diseases or clinical syndromes. Tests are presented comprehensively and consistently, in a sequence that best simulates priorities in clinical practice. UNIQUE! Clinical Priorities boxes emphasize priorities and procedure considerations specific to understanding and performing tests. UNIQUE! Test Results and Clinical Significance sections describe the significance of the test findings and discuss the pathophysiology of the disease process and how it relates to the test result. UNIQUE! Home Care Responsibilities boxes focus on post-test factors for consideration. UNIQUE! Related Tests sections list additional tests related to the main test – including tests that provide similar information, confirmatory information, and other tests used to evaluate the same organ, disease process, or symptom complex. UNIQUE! Critical Values sections indicate test values of particular significance. UNIQUE! Icons indicate drugs that increase or decrease test values and patient teaching priorities. Age-Related Concerns boxes address pediatric and geriatric priorities. NEW and UPDATED! New tests have been added and outdated tests have been removed to reflect current best practices. NEW! A Diagnostic Testing for the Most Common Diseases section highlights the integration of medical testing as it relates to the top diseases or clinical syndromes. *Goldman's Cecil Medicine, Expert Consult Premium Edition -- Enhanced Online Features and Print, Single Volume, 24* - Russell La Fayette Cecil 2012-01-01 Since 1927, *Goldman-Cecil Medicine* has been the world's most influential internal medicine resource. In the ground-breaking 25th edition, your original purchase ensures you will be up-to-date without the need for a subscription. Through the new, more powerful Expert Consult eBook platform, this "living text" provides continuous updates that will integrate the latest research, guidelines, and treatments into each chapter, ensuring that the content is as current as the day this edition was first published. *Goldman-Cecil Medicine* offers definitive, unbiased guidance on the evaluation and management of every medical condition, presented by a veritable "Who's Who" of modern medicine. A practical, straightforward style; templated organization; evidence-based references; and

robust interactive content combine to make this dynamic resource quite simply the fastest and best place to find all of the authoritative, state-of-the-art clinical answers you need. "The content is superb, authoritative and not surprisingly very up to date." Reviewed by: Dr Harry Brown, on behalf of Glycosmedia Date: July 2015 Expert Consult eBook version included with print purchase: Access continuous updates from Editor Lee Goldman, MD, who thoroughly reviews internal medicine and specialty journals, updating online content to reflect the latest guidelines and translating that evidence into treatment. Interactive Q&A section features over 1,500 board-style questions and answers to aid in preparing for certification or recertification exams. Outstanding supplementary tools include figures, tables, videos, heart and lung sounds, treatment and management algorithms, fully integrated references, and thousands of illustrations and full-color photos. Search all of the text, figures, supplementary material, and references from the book on a variety of devices and at no additional cost - Expert Consult access is included with this title! Practical, bulleted, highly templated text with easy-to-use features including flow charts and treatment boxes. New chapters on global health, cancer biology and genetics, and the human microbiome in health and disease keep you on the cutting edge of medicine. Today's most current evidence-based medicine guidelines help you form a definitive diagnosis and create the best treatment plans possible. Focused coverage of the latest developments in biology includes the specifics of current diagnosis, therapy, and medication doses. The reference of choice for every stage of your career! Goldman-Cecil Medicine is an ideal learning tool for residents, physicians, and students as well as a valuable go-to resource for experienced healthcare professionals. Cecil - the best internal medicine resource available since 1927 - far exceeds the competition in versatility, ease-of-use and up-to-datedness.

Telemedicine in the ICU - Matthew A. Koenig 2019-04-25

This text provides a concise, yet comprehensive overview of telemedicine in the ICU. The first part of the book reviews common issues faced by practitioners and hospital administrators in implementing and managing tele-ICU programs, including the merits of different staffing models, the challenges of building homegrown programs versus contracting for services, and the impact of state laws and payer policies on reimbursement for tele-ICU services. The second part of the book presents the current state of evidence for and against ICU telemedicine, based on clinical trials, before-and-after implementation studies, and observational data. The third part dives deeper into specific use cases for telemedicine in the ICU, including telestroke, pediatric and cardiac intensive care, and early treatment of declining patients with sepsis. Written by experts in the field, Telemedicine in the ICU is a practical guide for intensive care physicians and hospital administrators that provides all the information necessary in building and maintaining a successful tele-ICU program.

Clinician's Guide To Neuropsychological Assessment - Rodney D. Vanderploeg 2014-04-04

Neuropsychological assessment is a difficult and complicated process. Often, experienced clinicians as well as trainees and students gloss over fundamental problems or fail to consider potential sources of error. Since formal test data on the surface appear unambiguous and objective, they may fall into the habit of overemphasizing tests and their scores and underemphasizing all the factors that affect the validity, reliability, and interpretability of test data. But interpretation is far from straightforward, and a pragmatic application of assessment results requires attention to a multitude of issues. This long-awaited,

updated, and greatly expanded second edition of the Clinician's Guide to Neuropsychological Assessment, like the first, focuses on the clinical practice of neuropsychology. Orienting readers to the entire multitude of issues, it guides them step by step through evaluation and helps them avoid common misconceptions, mistakes, and methodological pitfalls. It is divided into three sections: fundamental elements of the assessment process; special issues, settings, and populations; and new approaches and methodologies. The authors, all of whom are actively engaged in the clinical practice of neuropsychological assessment, as well as in teaching and research, do an outstanding job of integrating the academic and the practical. The Clinician's Guide to Neuropsychological Assessment, Second Edition will be welcomed as a text for graduate courses but also as an invaluable hands-on handbook for interns, postdoctoral fellows, and experienced neuropsychologists alike. No other book offers its combination of breadth across batteries and approaches, depth, and practicality.

Echocardiography Board Review - Ramdas G. Pai 2014-05-12

Echocardiography Board Review, 2nd Edition 500 Multiple Choice Questions with Discussion Ramdas G. Pai, MD, Professor of Medicine, Loma Linda University, CA, USA Padmini Varadarajan, MD, Associate Professor of Medicine, Loma Linda University, CA, USA Echocardiography is an essential tool for the modern-day cardiologist and routinely used in the diagnosis, management and follow-up of patients with suspected or known heart diseases. This best-selling book now returns in a fully revised new edition, once again providing cardiologists and cardiology/echocardiography trainees with a rapid reference, self-assessment question and answer guide to all aspects of echocardiography. Packed with full-color images and written by experienced echocardiographers, the book covers: applied ultrasound physics practical hydrodynamics valvular heart disease myocardial diseases congenital heart disease non-invasive hemodynamics surgical echocardiography Containing 500 case-based questions, including clear explanations and discussions for every question, Echocardiography Board Review, 2nd Edition, is the perfect preparation guide for all those about to take the National Board of Echocardiography's Board exam, including cardiology and echocardiography trainees and specialist physicians preparing for re-certification. Sonographers planning to take RDCS or RDMS certification examinations should find this book very helpful as well. Of related interest Practical Manual of Echocardiography in the Urgent Setting Fridman, ISBN 978-0-470-65997-7 Successful Accreditation in Echocardiography: A Self-Assessment Guide Banypersad, ISBN 978-0-470-65692-1 Website www.wiley.com/go/cardiology

Wilderness Medicine E-Book - Paul S. Auerbach 2011-10-31

Quickly and decisively manage any medical emergency you encounter in the great outdoors with Wilderness Medicine! World-renowned authority and author, Dr. Paul Auerbach, and a team of experts offer proven, practical, visual guidance for effectively diagnosing and treating the full range of emergencies and health problems encountered in situations where time and resources are scarce. Every day, more and more people are venturing into the wilderness and extreme environments, or are victims of horrific natural disasters...and many are unprepared for the dangers and aftermath that come with these episodes. Whether these victims are stranded on mountaintops, lost in the desert, injured on a remote bike path, or ill far out at sea, this indispensable resource--now with online access at www.expertconsult.com for greater accessibility and portability-- equips rescuers and health care professionals to effectively address and prevent injury and illness in the wilderness! This textbook is widely referred to as "The Bible of

Wilderness Medicine." Be able to practice emergency medicine outside of the traditional hospital/clinical setting whether you are in remote environments, underdeveloped but highly populated areas, or disaster areas, are part of search and rescue operations, or dealing with casualties from episodes of extreme sports and active lifestyle activities. Face any medical challenge in the wilderness with expert guidance: Dr. Auerbach is a noted author and the world's leading authority on wilderness medicine. He is a founder and Past President of the Wilderness Medical Society, consultant to the Divers Alert Network and many other agencies and organizations, and a member of the National Medical Committee for the National Ski Patrol System. Handle everything from frostbite to infection by marine microbes, not to mention other diverse injuries, bites, stings, poisonous plant exposures, animal attacks, and natural disasters. Grasp the essential aspects of search and rescue. Respond quickly and effectively by improvising with available materials. Improve your competency and readiness with the latest guidance on volcanic eruptions, extreme sports, splints and slings, wilderness cardiology, living off the land, aerospace medicine, mental health in the wilderness, tactical combat casualty care, and much more. Meet the needs and special considerations of specific patient populations such as children, women, elders, persons with chronic medical conditions, and the disabled. Make smart decisions about gear, navigation, nutrition, and survival. Be prepared for everything with expanded coverage on topics such as high altitude, cold water immersion, and poisonous and venomous plants and animals. Get the skills you need now with new information on global humanitarian relief and expedition medicine, plus expanded coverage of injury prevention and environmental preservation. Get guidance on the go with fully searchable online text, plus bonus images, tables and video clips - all available on ExpertConsult.com.

Rosen's Emergency Medicine - Concepts and Clinical Practice, 2-Volume Set, Expert Consult Premium Edition - Enhanced Online Features and Print, 7 - James Adams 2010-01-01

This reference places the latest information at users' fingertips, and a more streamlined format makes it easy to find the exact information quickly and conveniently. Includes access to a companion Web site for additional resources.

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.

Smith's Anesthesia for Infants and Children E-Book - Etsuro K. Motoyama 2010-12-09

Smith's Anesthesia for Infants and Children, 8th Edition, edited by Drs. Peter J. Davis, Franklyn P. Cladis, and Etsuro K. Motoyama, delivers all the state-of-the-art guidance you need to provide optimal perioperative care for any type of pediatric surgery. Now in full color throughout, it also features online access to an image and video library, including ultrasound-guided pediatric regional blocks, review-style questions, plus the complete fully-searchable text at expertconsult.com. Get expert guidance from leading experts covering both basic science and clinical practice for every aspect of pediatric anesthesia.

Incorporate the latest clinical guidelines and innovations in your practice. Find

key facts fast with quick-reference appendices: drug dosages, growth curves, normal values for pulmonary function tests, and a listing of common and uncommon syndromes. Access the complete contents and illustrations online at expertconsult.com - fully searchable! Watch online video demonstrations of ultrasound-guided and conventional pediatric regional blocks, airway management, cardiac anesthesia, single-lung ventilation, neonatal surgery, and fetal surgery. Gain new insight into today's hottest topics, including sleep-disordered breathing, cuffed endotracheal tubes, premedication, emergence agitation, postoperative vomiting, and new airway devices. Stay current with new chapters on ICU management, conjoined twins, and basic neonatal physiology, plus new coverage of pharmacology and monitoring techniques. Get outstanding visual guidance with full-color illustrations throughout the book.

CURRENT Practice Guidelines in Inpatient Medicine - Jacob David 2018-05-07

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. The first resource dedicated to providing concise summaries of the most clinically relevant inpatient care guideline summaries CURRENT Practice Guidelines in Inpatient Medicine, 2018-2019 is written to spare busy physicians, nurse practitioners, physician assistants, and medical students from having to wade through full-length practice guidelines in order to provide high-quality care for hospitalized adults. With content drawn from reliable sources such as major professional societies and government agencies, each section of the book outlines the guidelines surrounding initial assessment, acute management, and subsequent care for conditions commonly encountered in the hospital setting. CURRENT Practice Guidelines in Inpatient Medicine, 2018-2019 strikes the perfect balance between brevity and clinical necessity, delivering exactly the amount of information needed - no more, no less

The Washington Manual of Cardiology Subspecialty Consult - Phillip S. Cuculich 2014-03-20

Small, mighty, and packed with information, The Washington Manual: Cardiology Subspecialty Consult, 3e places the field of cardiovascular disease at your fingertips. Designed for the busy practitioner, student, or resident, this pocket-sized edition captures cardiology's latest findings and treatments in an easy-to-read format. In a fast-advancing field that welcomes new biomedical discoveries and novel therapeutics, this resource delivers top treatment recommendations for your patients. If you're a busy clinician committed to exceptional, cost-effective patient care, The Washington Manual: Cardiology Subspecialty Consult is the guide for you. FEATURES --NEW chapters on the physical exam, heart failure, preserved ejection fraction, and cardiovascular diseases in special populations --Guidelines from the American Heart Association and American College of Cardiology --End-of-chapter journal and online references --Maximum readability with diagrams, flow charts, bullet-point lists, bold faced call-outs, and mnemonics Now with the print edition, enjoy the bundled interactive eBook edition, offering tablet, smartphone, or online access to: Complete content with enhanced navigation A powerful search that pulls results from content in the book, your notes, and even the web Cross-linked pages, references, and more for easy navigation Highlighting tool for easier reference of key content throughout the text Ability to take and share notes with friends and colleagues Quick reference tabbing to save your favorite content for future use

The EACVI Textbook of Echocardiography - Patrizio Lancellotti 2017-01-07

This print edition of The EACVI Textbook of Echocardiography comes with a DVD and

access to the online version on Oxford Medicine Online, for as long as the edition is published by Oxford University Press. By activating your unique access code, you can read and annotate the full text online, follow links from the references to primary research materials, and view, enlarge, and download all the figures and tables. This fully updated second edition of the official textbook of the European Association of Cardiovascular Imaging serves the educational requirements of cardiologists and all clinical medical professionals in echocardiography. It is fully-aligned with EACVI goals and reflects the core European syllabus. Published in partnership with the European Society of Cardiology and written by a team of expert authors, this textbook is a valuable resource on echocardiography and for accreditation through the EACVI. With its thorough and instructive text complemented by more than 500 full colour images and 200 videos online and as a separate DVD, The EACVI Textbook of Echocardiography is a one-stop, authoritative resource on echocardiography.

Essentials of Anesthesia for Infants and Neonates - Mary Ellen McCann 2018-02-22
A practical, comprehensive guide to the special needs of infants and neonates undergoing anesthesia.

Point of Care Ultrasound E-book - Nilam J Soni 2019-04-26

Compact, hand-carried ultrasound devices are revolutionizing how healthcare providers practice medicine in nearly every specialty. The 2nd Edition of this award-winning text features all-new chapters, a greatly expanded video library, and new review questions to keep you fully up to date with the latest technology and its applications. Helps you interpret findings with a peer-reviewed, online video library with more than 1,000 ultrasound videos of normal and pathologic findings. These videos are complemented by anatomical illustrations and text descriptions to maximize learning. Offers new online resources, including over 60 clinical cases and review questions in every chapter. Features fully updated content throughout, plus all-new chapters on hemodynamics, transesophageal echocardiography, transcranial Doppler ultrasound, pediatrics, neonatology, and 2nd/3rd trimester pregnancy. Shares the knowledge and expertise of expert contributors who are internationally recognized faculty from more than 60 institutions. Recipient of British Medical Association's President's Choice Award and Highly Commended in Internal Medicine at the BMA Medical Book Awards 2015 (first edition).

The Washington Manual of Echocardiography - Ravi Rasalingam 2012-06-28

Supervised and edited by faculty from the Washington University School of Medicine, The Washington Manual of Echocardiography provides quickinsight into the successful performance and interpretation of echocardiographic images. Ideal for today's cardiology fellow, this outstanding reference is both sufficiently comprehensive to guide users through training, and accessible enough as a quick consult for general physicians who are interested in echocardiography. Your keys to excellence in cardiac echo... • Tips and pearls from cardiologists and sonographers offer guidance on proper set-up, correct transduction technique, and image optimization • Easy-to-navigate sections address diagnostic markers of valvular heart disease, cardiomyopathies, and congenital anomalies, as well as applications of trans-esophageal echocardiography • Abundant high-quality images enhance visual learning and improve diagnostic accuracy • Succinct yet comprehensive descriptions present critical pieces of information on key areas of echocardiography and Doppler techniques • Free online companion website with hundreds of echo clips in addition to the full text for you to access anytime, anywhere

Cardiology - Kanu Chatterjee 2012-08-31

This two volume set presents recent advances in the knowledge and technology related to the field of cardiology. Beginning with a basic introduction, the text continues with a step by step approach through the subject, covering topics such as cardiovascular pharmacology, electrophysiology, coronary heart diseases, myocardial and pericardial disease and more. With contributions from leading international experts and over 1500 colour photographs, each chapter contains additional comments and guidelines from reputed international bodies. The book is accompanied by a DVD ROM containing high quality video footage of echocardiography.

Health Care Technology And Its Assessment In Eight Countries - Mary Adams 2004-08-30

Examines the management of health care technology in 8 countries: Australia, Canada, France, Germany, the Netherlands, Sweden, the U.K & the U.S. Six technologies (or sets of technologies) -- including evaluation & management efforts & how the technologies diffused -- are presented & compared: treatments for coronary artery disease, imaging technologies (CT & MRI scanning), laparoscopic surgery, treatments for end-stage renal disease, neonatal intensive care, & breast cancer screening. Extensive bibliography for each country. Charts & tables.

Essential Applications of Musculoskeletal Ultrasound in Rheumatology - Richard J. Wakefield 2010-07-15

Essential Applications of Musculoskeletal Ultrasound in Rheumatology, by Richard Wakefield & Maria Antonietta D'Agostino, assists you in most effectively using musculoskeletal ultrasound to diagnose and monitor the progression of rheumatoid arthritis, vasculitis, and other rheumatic and soft tissue disorders. Sponsored by the European League against Rheumatism (EULAR), it is the first reference that attempts to set rigorous guidelines for how and when to use musculoskeletal ultrasound in the evaluation of these cases. At expertconsult.com you can reference the complete contents online, along with an image gallery, supplemental video stills and clips, and clinical cases with companion assessment questions. Detect rheumatic diseases much earlier using musculoskeletal ultrasound, and monitor their progression more accurately, with reliable, expert guidance from internationally renowned authorities. Visualize the imaging presentation of a full range of rheumatic diseases with a wealth of full-color illustrations. Apply rigorous, consistent guidelines on how and when to use musculoskeletal ultrasound. Access the complete contents online at expertconsult.com, along with an image gallery, supplemental video stills and clips, and clinical cases with companion assessment questions. Identify & track disease progression in new, exciting, and effective ways

Research Methods in Health Promotion - Laura F. Salazar 2015-03-09

The bestselling textbook to understanding health research, updated and expanded Research Methods in Health Promotion provides students and practitioners with essential knowledge and skills regarding the design, implementation, analysis, and interpretation of research in the field of health promotion. Now in its second edition, this bestselling textbook has been updated with more recent research methodologies and additional information on sampling, participatory and survey research, and qualitative data analysis. The entire research process is covered, with specific points relating to both qualitative and quantitative research. By breaking the daunting process of research into simple and well-defined steps, this user-friendly text encourages students to think about research as a sequential

process and provides explanations that facilitate better understanding of each step in the research process. A separate set of chapters cover the more quantitative methodological areas including designs, measurement, sampling, and data analysis in depth, giving readers the understanding they need to apply in practice. This book also provides applied chapters that illustrate the practical aspects of the research process, along with other critical information including grant writing and scientific writing. Evaluate the ethics, design, analysis, and interpretation of research Identify and understand the key components of research studies Analyze and interpret the results of experimental and survey research designs Understand the process of publishing a research report and constructing a grant proposal Research Methods in Health Promotion is ideal for both undergrad and graduate methods courses in health promotion and public health.

Clinical Informatics Study Guide - John T. Finnell 2022

This completely updated study guide textbook is written to support the formal training required to become certified in clinical informatics. The content has

been extensively overhauled to introduce and define key concepts using examples drawn from real-world experiences in order to impress upon the reader the core content from the field of clinical informatics. The book groups chapters based on the major foci of the core content: health care delivery and policy; clinical decision-making; information science and systems; data management and analytics; leadership and managing teams; and professionalism. The chapters do not need to be read or taught in order, although the suggested order is consistent with how the editors have structured their curricula over the years. Clinical Informatics Study Guide: Text and Review serves as a reference for those seeking to study for a certifying examination independently or periodically reference while in practice. This includes physicians studying for board examination in clinical informatics as well as the American Medical Informatics Association (AMIA) health informatics certification. This new edition further refines its place as a roadmap for faculty who wish to go deeper in courses designed for physician fellows or graduate students in a variety of clinically oriented informatics disciplines, such as nursing, dentistry, pharmacy, radiology, health administration and public health.