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Cardiopulmonary Bypass Cardiopulmonary Bypass Essential Clinical Anesthesia Review Extra Corporeal Membrane Oxygenator Technical Compendium Small Animal Critical Care Medicine Principles of Miniaturized ExtraCorporeal Circulation Clinical Transplants Oxford Textbook of Neurological Surgery A Vampire Possessed Modern Methods of Clinical Investigation Fetus and Neonate: Physiology and Clinical Applications: Volume 1, The Circulation Changing Clinical Care Managing Clinical Processes Essential Clinical Anesthesia Clinical Gastrointestinal Endoscopy E-Book An Introduction to Clinical Emergency Medicine Maths, Physics and Clinical Measurement for Anaesthesia and Intensive Care Clinical Scenarios in Intensive Care Medical Technology Assessment Directory Vascular Cognitive Impairment in Clinical Practice Clinical Gastrointestinal Endoscopy E-Book Metabolic and Clinical Perspectives on the Functions of the Liver Bariatric Surgery in Clinical Practice Clinical Scenarios in Vascular Surgery Clinical Guide to Primary Angioplasty An Introduction to Medical Statistics Mollison's Blood Transfusion in Clinical Medicine Clinical Obesity in Adults and Children Clinical Trials Clinical Trials Clinical Infectious Disease Clinical MR Neuroimaging Clinical Pediatric and Adolescent Gynecology Clinical Perfusion MRI A Practical Approach to Cardiac Anesthesia Principles and Practice of Research Uncommon Causes of Stroke Atlas of Clinical Neurology Operative Cardiac Surgery Advanced Critical Care Nursing - E-Book

Cardiopulmonary Bypass

2009-09-17

cardiopulmonary bypass provides a practical overview of all aspects of clinical perfusion giving core knowledge and essential background information for those early in their clinical training as well as more specialist information on key areas of clinical practice introductory chapters cover equipment and preparation of the cardiopulmonary bypass circuit routine conduct of bypass metabolic and hematological management during bypass and weaning from mechanical to physiological circulation the effect of extracorporeal circulation on the body is described and separate chapters detail the pathophysiology of the brain and kidney two major sources of morbidity in the peri operative period specialist chapters on mechanical support ecmo and deep hypothermic circulatory arrest are also included edited by expert cardiac anesthetists from papworth hospital uk and the mayo clinic usa and with contributions from leading perfusionists and anesthetists cardiopulmonary bypass is an invaluable practical manual for any clinical perfusionist anesthetist or surgeons managing bypass

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Essential Clinical Anesthesia Review

2015-01-08

an evidence based board review book organized according to the aba keyword list with concise discussion and clinical review questions and answers

Extra Corporeal Membrane Oxygenator Technical Compendium

2022-09-03

the main objective of this product dossier is to cover the entire spectrum pertaining to ecmo this dossier explains the clinical need requirements working principle detailed technical aspects to enlighten the criticality of the product at the component level and provide a glimpse on relevant standards and regulations to ensure the safety integrity and function the report highlights the market figures and exim analysis information which will provide insight into the commercial aspects and demand of the product in the indian scenario

Small Animal Critical Care Medicine

2012-12-13

new coverage of high flow nasal oxygen therapy and both core and advanced concepts for mechanical ventilation helps you deliver high quality care to patients with respiratory failure new chapters on current critical care topics include assessment of intravascular volume urine osmolality and electrolytes and infectious disease control in the icu new chapters on novel procedures offer coverage of tracheal stents urinary diversion techniques and an in depth review of point of care ultrasound with extensive figures and images new coverage of increasingly prevalent problems seen in the intensive care unit includes coagulation disorders of the critically ill patient feline aortic thromboembolism oxygen toxicity and treatment of severe hypertension new chapters on shock fluid therapy and transfusion therapy provide cutting edge information on how to prevent complications and maximize resources new prevention of compassion fatigue and burnout chapter addresses this major challenge currently affecting the veterinary profession new algorithms and figures throughout the text clarify key concepts and aid in diagnosis and treatment new enhanced ebook included with the purchase of a new print copy of the book provides online access to a fully searchable version of the text and makes its content available on various devices updated coagulation section includes chapters on hemostasis management of the bleeding patient coagulation and platelet monitoring and viscoelastic monitoring expanded pharmacology section offers coverage of cannabis trazadone gabapentin pimobendane and appetite stimulants

Principles of Miniaturized ExtraCorporeal Circulation

1998

minimal extracorporeal circulation mecc systems have been designed in order to reduce dramatically the side effects of conventional extracorporeal circulation while serving as a safe perfusion technique for open heart surgery with cardiopulmonary bypass the book aims to provide an up to date and comprehensive overview covering practical advice on how to use mecc systems for those new to the field as well as tips pitfalls results and latest developments it also offers a systematic review of all published studies on a variety of mecc systems the book will enable physicians to gain a better understanding of these new systems as well as to understand the rationale for their use in cardiac surgery mecc requires a multidisciplinary approach and this book will serve as an essential reference for all health care professionals working in the cardiac surgical operating room in particular cardiothoracic surgeons anesthesiologists and perfusionists

Clinical Transplants

2019-09-05

neurosurgery is a rapidly developing and technically demanding branch of surgery that requires a detailed knowledge of the basic neuro sciences and a thorough clinical approach the oxford textbook of neurological surgery is an up to date objective and readable text that covers the full scope of neurosurgical practice it is part of the oxford textbooks in surgery series edited by professor sir peter morris the book is split into 20 overarching sections principles of neurosurgery neuro oncology of intrinsic tumours extra axial tumours and skull lesions cerebro pontine angle tumours sellar and supra sellar tumours posterior fossa tumours pineal tumours uncommon tumours and tumour syndromes neurotrauma and intensive care vascular neurosurgery principles of spinal surgery spinal pathology spinal trauma peripheral nerve surgery functional neurosurgery epilepsy paediatric neurosurgery neurosurgery for cerebrospinal fluid disorders and neurosurgical infection each section takes a dual approach with generic surgical management chapters that focus on specific clinical problems facing the neurosurgeon e g sellar supra sellar tumour intradural spina tumours etc and pathology specific chapters e g glioma meningeal tumours scoliosis and spinal deformity aneurysm etc where appropriate this division provides the reader with easily accessible information for both clinical problems which present in a regional fashion and specific pathologies the generic chapters cover aspects such as operative approaches neuroanatomy and nuances specifically each chapter in the book incorporates several strands firstly the fundamental neuroscience anatomy pathology genetics etc that underlies the clinical practice secondly a review of the requisite clinical investigations e g angiography electrodiagnostics radiology thirdly a thorough evidence based review of clinical practice following this a consideration of the key debates and controversies in the field with pro and con sections e g minimally invasive spine surgery microsurgical treatment of aneurysms is provided a summary of the key papers and clinical scales relevant to neurosurgery form the concluding part the book is a one stop text for trainees and consultants in neurosurgery residents those preparing for sub specialty exams and other professionals allied to surgery who need to gain an understanding of the field it acts as both a point of reference to provide a focussed refresher for the experienced neurosurgeon as well as a trusted training resource

Oxford Textbook of Neurological Surgery

2015-12-26

he s no monster at least not as far as he can remember aiden sinclair was usually a go with the flow kind of vampire easy going ready for anything but waking up in an unfamiliar city with no memory of how he d gotten there was a bit much even for him he probably should ve focused on finding his way home instead he played hero to a cheeky witch in distress and got himself in even more trouble grace moss is secretive distrustful unfairly sexy too smart for her own good and his she s his fated mate now he must figure out how to protect grace fill the gaps in his memory and stop his enemies from destroying everything he loves all while fighting his inner demon his literal inner demon to get through all that he knows sacrifices will have to be made for the greater bloody good but he ll be damned if he ll let grace be one of them a vampire possessed book 3 in the deathless night series is a sometimes dark sometimes funny always steamy and spicy paranormal romance between a strong heroine who has lost her mojo and the vampire voted least likely to ever settle into a happily ever after download today

A Vampire Possessed

1990-02-01

the very rapid pace of advances in biomedical research promises us a wide range of new drugs medical devices and clinical procedures the extent to which these discoveries will benefit the public however depends in large part on the methods we choose for developing and testing them modern methods of clinical investigation focuses on strategies for clinical evaluation and their role in uncovering the actual benefits and risks of medical innovation essays explore differences in our current systems for evaluating drugs medical devices and clinical procedures health insurance databases as a tool for assessing treatment outcomes the role of the medical profession the food and drug administration and industry in stimulating the use of evaluative methods and more this book will be of special interest to policymakers regulators executives in the medical industry clinical researchers and physicians

Modern Methods of Clinical Investigation

1993-04-15

the fetus and neonate is a series of practical focused texts which concentrate on that critical period of human development from late fetal to neonatal life each volume in the series examines a particular body system looking at the physiological mechanisms which underlie the transition from intrauterine to extrauterine life and the pathophysiological processes which may occur in this period each volume will consider the application of new basic scientific knowledge to the clinical situation this series will be a valuable source of information to practitioners and postgraduate trainees in obstetrics neonatology paediatrics and reproductive medicine as well as to basic scientists in these fields

Fetus and Neonate: Physiology and Clinical Applications: Volume 1, The Circulation

2018-04-19

changing clinical care adopts a fresh nursing and patient centred approach to systemisation to aid patients and their carers the evidence based methodology outlines real world experiences in various sectors of healthcare including primary care cardiac services general surgery and care of long term conditions it sheds light on possible difficulties and examines the key lessons learnt in providing effective systemisation including common problems pit falls and effective solutions it includes high profile prologues by dame carol black past president royal college of physicians of england dr david colin thome national clinical director for primary care department of health england and professor alison kitson executive director royal college of nursing this book is ideal for all healthcare professionals interested in systemising the delivery of care it is also of great interest to healthcare policy makers and shapers and academics and researchers

Changing Clinical Care

2011-08-17

this book will provide clinicians clinical managers and corporate managers with a practical guide to managing clinical processes and managing change in health services it also provides the theory behind the practice

Managing Clinical Processes

2011-07-11

the clinical practice of anesthesia has undergone many advances in the past few years making this the perfect time for a new state of the art anesthesia textbook for practitioners and trainees the goal of this book is to provide a modern clinically focused textbook giving rapid access to comprehensive succinct knowledge from experts in the field all clinical topics of relevance to anesthesiology are organized into 29 sections consisting of more than 180 chapters the print version contains 166 chapters that cover all of the essential clinical topics while an additional 17 chapters on subjects of interest to the more advanced practitioner can be freely accessed at cambridge.org/vacanti newer techniques such as ultrasound nerve blocks robotic surgery and transesophageal echocardiography are included and numerous illustrations and tables assist the reader in rapidly assimilating key information this authoritative text is edited by distinguished harvard medical school faculty with contributors from many of the leading academic anesthesiology departments in the united states and an introduction from dr s r mallampati this book is your essential companion when preparing for board review and recertification exams and in your daily clinical practice

Essential Clinical Anesthesia

2011-09-07

clinical gastrointestinal endoscopy 2nd edition by drs gregory g ginsberg michael l kochman ian d norton and christopher j gostout helps you master the latest endoscopic techniques and achieve optimal outcomes see how to perform key nuances with procedural videos at expertconsult.com in addition to 1 000 photographs upgraded endoscopic images and anatomical drawings both in print and online written by some of today s most prestigious specialists and with many new and fully updated chapters this resource equips you to diagnose and treat the full range of gi disorders with state of the art coverage of bariatric surgery therapeutic eus device assisted enteroscopy image guided therapy intramural endotherapy and much more get comprehensive details on a wide breadth of topics including anatomy pathophysiology and therapeutic management options in addition to the latest gi procedures and technologies advance your knowledge on the rapidly evolving state of clinical gastrointestinal endoscopy with expert multimedia guidance from some of today s most prestigious specialists master new procedures with updates on the endoscopic management of bariatric surgery eus as a tool to direct endoscopic therapies device assisted enteroscopy for deep exploration of the small intestine image guided therapy to help detect cancer earlier intramural endotherapy including the new poem procedure and much more keep current with both new and emerging technologies including the management of upper gastrointestinal familial adenomatous polyposis syndrome and ampullary tumors post bariatric

endoscopy and endoscopic therapy endoluminal bariatric techniques and intramural transmural endoscopy see how to perform key procedures step by step with endoscopic videos at expertconsult.com and access the complete text online only references and all the illustrations view techniques more clearly with upgraded endoscopic images and step by step illustrations in most chapters

Clinical Gastrointestinal Endoscopy E-Book

2012-04-10

fully updated edition of this award winning textbook arranged by presenting complaints with full color images throughout for students residents and emergency physicians

An Introduction to Clinical Emergency Medicine

2019-10-31

covers essential information on maths physics and clinical measurement for anaesthesia and critical care

Maths, Physics and Clinical Measurement for Anaesthesia and Intensive Care

1998

clinical scenarios in intensive care gathers together 21 clinical problems in a concise and standardised format and offers a framework on which to base the teaching and practice of intensive care whilst principally aimed at anaesthetists and intensive care specialists in training this book should also appeal to tutors and candidates involved in postgraduate examinations in surgery and medicine where intensive care knowledge is required

Clinical Scenarios in Intensive Care

1988-02-01

for the first time a single reference identifies medical technology assessment programs a valuable guide to the field this directory contains more than 60 profiles of programs that conduct and report on medical technology assessments each profile includes a listing of report citations for that program and all the reports are indexed under major subject headings also included is a cross listing of technology assessment report citations arranged by type of technology headings brief descriptions of approximately 70 information sources of potential interest to technology assessors and addresses and descriptions of 70 organizations with memberships activities publications and other functions relevant to the medical technology assessment community

Medical Technology Assessment Directory

2009-02-12

vascular cognitive impairment is the second most common cause of dementia after alzheimer s disease and is expected to grow in prevalence with the aging global population the purpose of this authoritative book is to give a broad clinical perspective on vascular cognitive impairment and thus create a foundation for the implementation of good dementia care the book focuses on pathophysiology diagnosis treatment and prevention it demonstrates the underlying causes of the disorder such as the manner in which vascular risk factors influence the onset of vascular cognitive impairment the concept of mixed forms of vascular dementia alzheimer s dementia and other vascular diseases is discussed as well as the influence of vascular changes with regard to the onset of alzheimer s disease the detailed section on pathophysiology will enhance clinicians understanding of this complex disorder finally there is a section on pharmacological and neuropsychological treatment of cognitive and psychiatric symptoms

Vascular Cognitive Impairment in Clinical Practice

2018-01-17

now thoroughly up to date clinical gastrointestinal endoscopy 3rd edition by drs vinay chandrasekhara mouen khashab b joseph elmunzer and v raman muthusamy ensures that you stay current with the latest technology and techniques in gi endoscopy an all new editorial team newly updated images and a reorganized format make this reference an easy to use source of reliable information on a full range of topics including anatomy pathophysiology and therapeutic management options in addition to the latest gi procedures and technologies features 1 000 revised photographs endoscopic images and anatomical drawings provides a fresh perspective and expert guidance from an entirely new editorial team includes many more references per chapter presents material in a newly restructured organ based format for quick reference

Clinical Gastrointestinal Endoscopy E-Book

2024-02-07

this book describes how the liver executes and coordinates numerous physiological processes including metabolism innate immunity blood coagulation bile secretion and our symbiotic relation with the gut microbiome it places the functions in clinical contexts such as the pathogenesis of alcohol related liver disease and metabolic obesity associated liver disease it describes how in severe catabolic diseases such as cancer and sepsis the liver redistributes bodily resources to increase chances of survival and recovery and how the liver exemplifies many of the effects of diet and physical activity on health and wellbeing via its regulation of glucose lipid and cholesterol metabolism and inflammation the book is for professionals working in gastroenterology hepatology metabolic disorders and many other medical disciplines and for scientists and curious students of medicine nutrition and biosciences

Metabolic and Clinical Perspectives on the Functions of the Liver

2022-08-24

the book is needed for several reasons bariatric surgery is one of the most clinically effective and cost effective services in any field of medicine and is growing in popularity and the non specialist family practitioner allied health professional and pharmacist need to know exactly what it involves bariatric surgery is in everyone s interest whether medic or patient as it offers improvement in diabetes heart disease sleep apnoea fatty liver and many cancers whilst reducing benefits housing costs and the general burden on the economy there is a lot of flawed thinking on surgery in primary care with only a minority of family practitioner specialists making the majority of referrals whilst many are denying their patients access because of their own misconceived ideas a back to basics book will help tackle the negative views surrounding the topic and improve the volume and quality of referrals very often patients turning up to obesity centres have been given poor advice and inappropriate treatment and arrive with little or no idea what to expect many medics prioritise other conditions first overlooking the underlying cause i e obesity basic education on obesity and co morbidities is fast becoming essential

Bariatric Surgery in Clinical Practice

2005

this unique case based review of vascular surgery offers excellent preparation for oral board examinations which emphasize both general knowledge and case management the book presents 76 cases covering the range of vascular disorders that surgeons treat and is structured to reflect the surgeon s decision making process each case begins with a patient presentation and imaging studies or pathology results and proceeds through a series of decision points including differential diagnosis requests for additional tests diagnosis surgical approach discussion of potential pitfalls and follow up more than 200 x rays ct scans ultrasound scans endovascular images and other relevant illustrations many in full color accompany the text

Clinical Scenarios in Vascular Surgery

2010-05-21

primary angioplasty is a life saving minimally invasive emergency procedure increasingly used in the treatment of acute myocardial infarction as the procedure further proves its effectiveness it is imperative that all cardiologists have a comprehensive understanding of the major issues surrounding primary angioplasty this easy to use clinically focused text is an essential reference for those hoping to achieve this understanding a valuable educational tool this text fully explores the vital concepts of primary angioplasty

Clinical Guide to Primary Angioplasty

2015-07-23

now in its fourth edition an introduction to medical statistics continues to be a must have textbook for anyone who needs a clear logical guide to the subject written in an easy to understand style and packed with real life examples the text clearly explains the statistical principles used in the medical literature taking readers through the common statistical methods seen in published research and guidelines the text focuses on how to interpret and analyse statistics for clinical practice using extracts from real studies the author illustrates how data can be employed correctly and incorrectly in medical research helping readers to evaluate the statistics they encounter and appropriately implement findings in clinical practice end of chapter exercises case studies and multiple choice questions help readers to apply their learning and develop their own interpretative skills this thoroughly revised edition includes new chapters on meta analysis missing data and survival analysis

An Introduction to Medical Statistics

2013-11-14

mollison s blood transfusion in clinical medicine is an icon in the field of transfusion and the first edition was published in 1951 the book arose from the concept of the transfusionist as both scientist and expert consultant for many years this text has provided the primary and often the sole reference for detailed information and practical experience in blood transfusion the book is completely revised and updated throughout to include the latest advances and developments in the field

Mollison's Blood Transfusion in Clinical Medicine

2022-09-21

clinical obesity in adults and children a comprehensive and incisive exploration of obesity in society and the clinical setting in the newly revised fourth edition of clinical obesity in adults and children a team of expert medical practitioners deliver a comprehensive exploration of the increasingly widespread disease of obesity the book discusses topics such as the causes of obesity the disease model of obesity the management of adult and childhood obesity and policy approaches to obesity designed to enable readers to better understand the full complexity of obesity both within society and in the clinical setting the book discusses a disease that is the leading cause of ill health around the world the editors have included contributions from leading international experts in their respective fields that address every major aspect of this often misunderstood disease readers will also benefit from the inclusion of introductions to the history and scale of the obesity problem across the world and its epidemiology and social determinants comprehensive explorations of those affected by obesity including fetal and infant origins genetic causes bias and stigma encountered by those affected by obesity and the psychobiology of obesity practical discussions of obesity as a disease including its co morbidities of dyslipidemia fertility cardiovascular consequences and obstructive sleep apnea in depth examinations of the management of obesity in adults and children including contemporary approaches to clinical and dietary management and behavioral treatments perfect for doctors and allied health professionals who regularly work with

patients suffering from obesity clinical obesity in adults and children will also earn a place in the libraries of health researchers and scholars studying obesity and nutrition dieticians nutritionists and anyone else with a professional interest in an increasingly prevalent health problem

Clinical Obesity in Adults and Children

2017-10-06

presents elements of clinical trial methods that are essential in planning designing conducting analyzing and interpreting clinical trials with the goal of improving the evidence derived from these important studies this third edition builds on the text s reputation as a straightforward detailed and authoritative presentation of quantitative methods for clinical trials readers will encounter the principles of design for various types of clinical trials and are then skillfully guided through the complete process of planning the experiment assembling a study cohort assessing data and reporting results throughout the process the author alerts readers to problems that may arise during the course of the trial and provides common sense solutions all stages of therapeutic development are discussed in detail and the methods are not restricted to a single clinical application area the authors bases current revisions and updates on his own experience classroom instruction and feedback from teachers and medical and statistical professionals involved in clinical trials the third edition greatly expands its coverage ranging from statistical principles to new and provocative topics including alternative medicine and ethics middle development comparative studies and adaptive designs at the same time it offers more pragmatic advice for issues such as selecting outcomes sample size analysis reporting and handling allegations of misconduct readers familiar with the first and second editions will discover revamped exercise sets an updated and extensive reference section new material on endpoints and the developmental pipeline among others and revisions of numerous sections in addition this book features accessible and broad coverage of statistical design methods the crucial building blocks of clinical trials and medical research now complete with new chapters on overall development middle development comparative studies and adaptive designs teaches readers to design clinical trials that produce valid qualitative results backed by rigorous statistical methods contains an introduction and summary in each chapter to reinforce key points includes discussion questions to stimulate critical thinking and help readers understand how they can apply their newfound knowledge provides extensive references to direct readers to the most recent literature and there are numerous new or revised exercises throughout the book clinical trials a methodologic perspective third edition is a textbook accessible to advanced undergraduate students in the quantitative sciences graduate students in public health and the life sciences physicians training in clinical research methods and biostatisticians and epidemiologists this book is accompanied by downloadable files available below under the downloads tab these files include mathematica program a set of downloadable files that tracks the chapters containing code pertaining to each sas programs and data files used in the book the following software programs included in the downloadables were developed by the author steven piantadosi m d ph d randomization this program generates treatment assignments for a clinical trial using blocked stratified randomization crm implements the continual reassessment methods for dose finding clinical trials optimal calculates two stage optimal phase ii designs using the simon method power this is a power and sample size program for clinical trials executables for installing these programs can also be found at riscweb csmc edu biostats steven piantadosi md phd is the phase one foundation distinguished chair and director of the samuel oschin cancer institute and professor of medicine at cedars sinai medical center in los angeles california dr piantadosi is one of the world s leading experts in the design and analysis of clinical trials for cancer research he has taught clinical trials methods extensively in formal courses and short venues he has advised numerous academic programs and collaborations nationally regarding clinical trial design and conduct and has served on external advisory boards for the national institutes of health and other prominent cancer programs and centers the author of more

than 260 peer reviewed scientific articles dr piantadosi has published extensively on research results clinical applications and trial methodology while his papers have contributed to many areas of oncology he has also collaborated on diverse studies outside oncology including lung disease and degenerative neurological disease

Clinical Trials

1986

the definitive reference work on clinical trials this book presents a wealth of detailed practical information on the design conduct and analysis of both single center and multicenter trials no other book on clinical trials offers as much detail as meinert does on such issues as samplesize calculation stratification and randomization data systems design consent form development publication policies preparation of funding requests and reporting procedures

Clinical Trials

2015-04-23

a clinically oriented user friendly text on the diagnosis and treatment of infectious diseases for practising clinicians students and residents

Clinical Infectious Disease

2004-12-02

the physiological magnetic resonance techniques of diffusion imaging perfusion imaging and spectroscopy offer insights into brain structure function and metabolism until recently they were mainly applied within the realm of medical research but with their increasing availability on clinical mri machines they are now coming into clinical practice for the evaluation of neuropathology in individual patients this book provides the reader with a thorough review of the underlying physical principles of each of these methods as well as comprehensive coverage of their clinical applications topics covered include single and multiple voxel mrs techniques mr perfusion based on both arterial spin labelling and dynamic bolus tracking approaches and diffusion weighted imaging including techniques for mapping brain white matter fiber bundles clinical applications are reviewed in depth for each technique with case reports included throughout the book attention is also drawn to possible artifacts and pitfalls associated with these techniques

Clinical MR Neuroimaging

2008-12-24

the medical surgical and psychological problems associated with the female reproductive system in infancy and adolescence demand the highest standards of clinical

intervention this textbook provides a comprehensive review of all the common and less often encountered pediatric and adolescent gynecology problems in daily practice both in the ambu

Clinical Pediatric and Adolescent Gynecology

2013-05-16

mr perfusion imaging is an area of major research interest and rapid clinical growth clinical perfusion mri techniques and applications provides a concise and comprehensive review of the principles and applications of the field covering dynamic susceptibility contrast dynamic contrast enhancement and arterial spin labeling imaging techniques principles of blood volume and oxygenation imaging are included the clinical applications of perfusion imaging in neurological disease and neuroscience are discussed major topics including its use in imaging cerebrovascular disease and brain tumors and other neurological and neurodegenerative disorders non neurologic applications are also covered with chapters on cardiac disease breast cancer and other organ systems use of mr perfusion imaging in pediatrics is also discussed throughout the book case reports are included illustrating representative clinical examples this book will be of interest to any clinician who uses mr perfusion imaging in their clinical practice as well as researchers in the field of mri

Clinical Perfusion MRI

2012-10-08

the text manages to bridge the distance between anesthesia residents fellow in cardiac anesthesia anesthesiology practitioners perfusionists and crnas presented in outline format it is a comprehensive overview of cardiac anesthesia the text progresses from cardiac physiology and pharmacology to anesthetic management of specific cardiac surgical procedures to management of cardiac disorders to circulatory support and organ preservation it ends with a section on thoracic anesthesia and pain management in cardiac and thoracic procedures includes a new more significant chapter on cardiac physiology and a new chapter on pericardial disease new content added on adult congenital heart disease and new material on percutaneous valvae

A Practical Approach to Cardiac Anesthesia

2012-12-06

what is the best way to plan surgical research what problems are most often encountered in clinical research how should a research report be presented at a scientific meeting these questions and more are all answered in principles and practice of research the second edition has added new sections on animal research models the molecular and cellular dimension of surgical research and practical guidelines for obtaining government and third party funding other improvements include a friendlier discussion of statistics and updated material about on line computer literature searches this book provides every clinical researcher with a roadmap around the pitfalls of poorly designed studies through the jungle of incomprehensible statistics and over the hurdles of research reporting to a successful

study from start to finish from the reviews of the first edition for me it is a bible and a must for every ph d or m d involved in clinical research especially in the field of surgery it should be on the table not on the book shelf of both the young as well as the experienced investigator as a readily accessible source of information to avoid the trial and error approach to problems in surgical research world journal of surgery 1 a carefully conceived concise blend of factual theory and principles practical guidelines and philosophical perspective i have found it hard to identify any omission even a selected bibliography on laboratory animals their care handling and anatomy is included and impossible to single out any individual contribution each is a treasure well written concise and complete the lancet 2 the feature of the book is that despite attention to detail it maintains a clear and practical approach to the whole field beginning with the reasons for carrying out research the types of research and above all the reporting of research almost all aspects of research are covered from small retrospective studies to departmental institutional national and international projects the chapter on writing for publication should be compulsory reading for all budding authors journal of bone and joint surgery 3

Principles and Practice of Research

2018-07-05

confidently diagnose and treat rare types of cerebrovascular disease with cutting edge research from experts in neurology

Uncommon Causes of Stroke

2012-02-08

the newly revised comprehensive four color atlas of clinical neurology is extensively updated with reference to current literature the new third edition organizes the highest quality images from the field of clinical neurology including clinical syndromes for neurologists and clinicians the atlas highlights the enormous strides being made in the biologic understanding of neurologic disease covering developmental and genetic diseases neuroendocrine disorders critical care neurology cerebrovascular disease dementias behavioral neurology neuro oncology movement disorders epilepsy neuromuscular diseases infectious diseases neuroimmunology neurotoxic disorders and headache this indispensable collection contains over 1300 images including algorithms tables charts and schematic drawings

Atlas of Clinical Neurology

2018-09-03

the sixth edition of this acclaimed and established operative atlas continues to provide a unique level of comprehensive detail on operative surgery of the heart and great vessels with an international list of authors the chapters have been updated and complemented by the same high quality artwork that has established this operative guide as the gold standard reference for the cardiac surgeon this new edition retains the format of initial principles and justification for the procedure followed by preoperative investigations and preparation the operative procedure and postoperative management new chapters have been added on the latest

techniques such as minimal invasive surgery robotic surgery and off pump bypass surgery the chapters are arranged in seven sections with each section emphasising the overall management of patients tricks of the trade of individual authors and discussion of technical and clinical judgement with this new and updated edition operative cardiac surgery remains the pre eminent operative guide to a full range of cardiac conditions print versions of this book also include access to the ebook version

Operative Cardiac Surgery

2017-01-22

awarded third place in the 2017 ajn book of the year awards in the critical care emergency nursing category learn to effectively address life threatening and potentially life threatening patient conditions with advanced critical care nursing 2nd edition endorsed by the american association of critical care nurses aacn this comprehensive nursing focused text centers on the clinical reasoning process as it helps you comprehend analyse synthesize and apply advanced critical care knowledge and concepts the book is organized within the structure of body systems along with synthesis chapters that address patient conditions involving multiple body systems numerous illustrations and graphs plus unfolding case studies further aid your understanding and help you apply text content in all advanced critical care nursing is the must have resource dedicated to helping you oversee or care for critical care patients in any practice setting body systems organization emphasizes core systems and advanced concepts consistent chapter format features numerous illustrations charts and graphs in each chapter to enhance understanding synthesis chapters address patient conditions that involve multiple body systems a common occurrence in critical care nursing unfolding case studies with decision point questions are included at the end of all disorders chapters providing opportunities to apply advanced critical care content to actual scenarios medication tables incorporate common classifications of critical care drugs for specific disorders including drugs actions and special considerations new updated information throughout reflects the latest evidence based content as well as national and international treatment guidelines new streamlined content places a greater focus on the need to know information for today s high acuity progressive and critical care settings new expanded coverage of emerging and infectious diseases and multidrug resistant infections keep readers up to date with the most topical diseases such as the zika virus new additional content on alternative settings for critical care now includes the eicu and remote monitoring new full color design clarifies important concepts and improve the book s usability

Advanced Critical Care Nursing - E-Book

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