

Cardiac Surgery In The Adult 4th Edition

The most authoritative, comprehensive, and current cardiac surgery resource – completely updated and in full color DVD with surgical video clips In Cardiac Surgery in the Adult, 4e the world's foremost cardiovascular surgeons and physicians deliver thorough, up-to-date coverage of operative strategy, decision-making, technique, and pre and postoperative management for treating the adult cardiac patient. Editor Lawrence H. Cohn takes you through the optimal treatment of congenital, acquired, infectious, and traumatic diseases of the heart and great vessels. The book begins with a history of cardiac surgery and basic cardiac science, then moves into all types of cardiac surgery, providing both practicing surgeons and residents insight into the very latest surgical protocols. Presented in full color for the first time, the fourth edition of Cardiac Surgery in the Adult is aligned with up-to-the-minute developments in the field including recent surgical trends in minimally invasive cardiac surgery. Unparalleled in both scope and clinical rigor, the fourth edition contains 70 chapters that highlight every important topic in cardiovascular surgery. FEATURES An update of the most recent surgical perspectives and techniques in ischemic and valvular heart disease, diseases of the great vessels, cardiac arrhythmias, and more New and refreshed content on pivotal trends and topics, including the use of robotic surgery, minimally invasive valve and coronary artery bypass surgery, stem-cell induced regenerative medicine, tissue

Read Free Cardiac Surgery In The Adult 4th Edition

engineering, and percutaneous valve procedures and much more New full-color design—with many illustrations enhanced expressly for this edition—facilitates the comprehension of surgical procedures throughout Important opening section on the fundamentals of cardiac surgery, from its origins to the surgical anatomy of the heart, cardiac surgical physiology, risk stratification, and the statistical treatment of surgical outcome data Key chapters on the perioperative and postoperative management of cardiac patients from internationally recognized experts in the field Coverage of trends that highlight patient demographics, with a focus cross-training surgeons in endovascular skills through coverage of such topics as percutaneous intervention and endovascular graft technology Companion DVD with procedure-simplifying video clips The definitive resource covering all aspects of heart surgery in adults! With over 1,100 step-by-step illustrations detailing each procedure, this comprehensive text provides guidance through all the operations and operative techniques of the discipline. This edition features renewed emphasis on minimally invasive procedures as well as a large amount of new illustrations depicting the surgical anatomy.

Modern practical medicine requires high tech in diagnostics and therapy and in consequence in education. All disciplines use computers to handle large data bases allowing individual therapy, to interpret large data bases in form of neuronal signals, help visualization of organs during surgery. This book contains chapters on personalised therapy, advanced diagnostics in neurology, modern techniques like

Read Free Cardiac Surgery In The Adult 4th Edition

robotic surgery (da Vinci robots), 3D-printing and 3D-bioprinting, augmented reality applied in medical diagnostics and therapy. It is impossible without fast large scale data mining in both: clinical data interpretation as well as in hospital organization including hybrid surgery rooms and personal data flow. The book is based on a course for medical students organized in the editor's department. Every year, around 300 international undergraduate medical students take the course.

Featuring a combination of easily digestible sections, clinical images, and a text layout that assists rapid fact acquisition, this book highlights the core topics in congenital cardiac surgery. The text covers all the commonly encountered anomalies, with simple explanations of the underlying anatomy and management options. Readers are provided with strong support from the outset; including guidance on diagnosis, operative technique, and post-operative management. Aimed at trainees preparing for professional examination and newly appointed consultants, this invaluable handbook is a go-to resource for the busy practitioner. It will also be an ideal reference for cardiologists, intensivists, perfusionists, and cardiac nurses, requiring a concise and accessible summary of the surgical aspects of diagnosis and treatment. The book includes sections on transplantation, ECMO, hybrid procedures and adult congenital heart disease.

Cardiac Surgery in the Adult, Fourth Edition McGraw Hill Professional
Now in its 4th edition, Kirklin/Barratt-Boyes Cardiac Surgery remains your

Read Free Cardiac Surgery In The Adult 4th Edition

indispensable source for definitive, state-of-the-art answers on every aspect of adult and pediatric cardiac surgery. This dynamic medical reference thoroughly and systematically covers the full range of new and classic surgical procedures—including the latest alternate and minimally invasive surgical techniques—and presents the up-to-date clinical evidence you need to make effective management decisions. Be certain with expert, dependable, accurate answers for every stage of your career from the most comprehensive, definitive text in the field! Get comprehensive coverage of all areas of cardiac surgery, including ischemic, valvular, and congenital heart disease; cardiac tumors; constrictive pericarditis; thoracic aortic surgery; cardiac transplantation; coronary artery disease; aortic valve disease; cardiac rhythm disturbances; heart failure and transplantation; disease of the thoracic aorta; tetralogy of Fallot; anesthesia; and postoperative care. Stay current with the latest advancements and practices. Comprehensive updates throughout include new information on endovascular management of thoracic aorta disease; new data on clinical outcomes; the most recent minimally invasive procedures; non-invasive CT angiography; new alternative surgical approaches to mitral valve surgery; and many other hot topics! Make the most well-informed decisions and achieve optimal outcomes by exploring each condition's natural history; diagnostic criteria; indications for surgery; operative techniques; and follow-up care. Reference information quickly thanks to a new, streamlined format. Meet the next classic reference in cardiac surgery. This readable, scholarly,

Read Free Cardiac Surgery In The Adult 4th Edition

comprehensive book focuses on the practice of cardiac surgery in the adult patient featuring over 1000 superb illustration depicting winning surgical technique. In addition, indications, pathophysiology, surgical decision making, complications, and results of surgical treatment are examined in depth. Master surgeon, L. Henry Edmunds, Jr. leads an all-star cast of contributors in this treatise that forms the perfect surgical complement to a textbook of cardiology.

Robotic Cardiac Surgery is a comprehensive guide to robotic/totally endoscopic cardiac surgery. The book is intended to provide in-depth information regarding the history of robotic surgical systems, their components and principles. It emphasizes patient selection, perioperative management, anesthesia considerations and management, operative techniques and management, postoperative care and results. Extensive, detailed photographs and illustrations of different kinds of robotic surgery are also included. It provides cardiac surgeons, cardiac anesthesiologists, and perfusionists with a comprehensive review of current robotic cardiac surgeries and related knowledge. Changqing Gao, MD, is a professor at the Department of Cardiovascular Surgery, PLA General Hospital, Beijing, China.

Redo cardiac surgeries are challenging cases with a myriad of influential factors, ranging from the patient's pathology to the whimsy of the previous surgeon. Redo Cardiac Surgery in Adults, 2nd Edition clearly outlines practical approaches, surgical techniques, and management of associated conditions such as perioperative stroke and acute kidney function. It covers the

Read Free Cardiac Surgery In The Adult 4th Edition

spectrum of redo cardiac operations, including coronary artery bypass, mitral valve repair, reoperation for prosthetic mitral valve endocarditis, aortic arch reoperation, descending and thoracoabdominal aortic reoperation, and reoperations following endovascular aortic repair. All redo cardiac surgeries present a complex array of challenges beyond what the original procedure demands. This book, written by an outstanding group of prominent physicians, will give the reader the knowledge and tools to approach these cases with confidence.

In this book it is shown how this specialty has evolved over the past 20 years, with significant advances in diagnosis and palliative and definitive techniques for correction of cardiovascular diseases. The book contains 10 chapters, which are showing the classical adult and pediatric cardiac surgery.

Cardiac surgical procedures are among the most common and most complicated forms of surgery worldwide and the postoperative period is characterized by complex challenges. Among the factors determining ultimate clinical outcome, postoperative critical care is of major importance. This book adopts a clinical approach in explaining and analyzing the course of clinical care in patients undergoing cardiac surgery. Since the postoperative clinical status is directly influenced by preoperative and intraoperative factors, the early chapters briefly examine preoperative issues and the intraoperative course of cardiac surgery, with particular attention to anesthesia and the process of cardiopulmonary bypass. Subsequent chapters primarily address the critical care of patients by means of an organ-oriented approach, which will enable the reader to use the text as a "cookbook" of cardiac intensive care. This book is intended for use in daily practice by cardiac surgeons, cardiac anesthesiologists, intensivists and cardiac intensive care nurses.

Read Free Cardiac Surgery In The Adult 4th Edition

The most comprehensive and current full-color cardiac surgery resource – updated by leading surgeons In Cardiac Surgery in the Adult, Fifth Edition, the world's foremost cardiovascular surgeons deliver thorough, up-to-date coverage of operative strategy, decision making, technique, and pre- and post-operative management for treating the adult cardiac patient. Unmatched in both scope and clinical rigor, this classic text contains 63 chapters that highlight every important topic in cardiovascular surgery. Presented in full color, Cardiac Surgery in the Adult takes readers through the optimal treatment of congenital, acquired, infectious, and traumatic diseases of the heart and great vessels. The book opens with a history of cardiac surgery and basic cardiac science, then moves into all types of cardiac surgery, providing both practicing surgeons and residents with insight into the very latest surgical protocols. Cardiac Surgery in the Adult is logically divided into ten sections: • Basics (includes history, anatomy, physiology, pharmacology, computed tomography, risk assessment, simulation, and the fully integrated cardiovascular center) • Perioperative/Intraoperative Care • Ischemic Heart Disease • Aortic Valve Disease • Mitral Valve Disease • Surgery of the Great Vessels • Rhythm Surgery • Other Cardiac Operations (including congenital heart disease, pericardial disease, and cardiac neoplasms) • Transplant and Mechanical Circulatory Support The Fifth Edition has been updated throughout, and includes the latest advances in minimally invasive surgery and simulation.

This atlas comprehensively covers surgical techniques for congenital heart surgery. As the population with congenital heart defects increases more and more operations will be required to treat the residual defects, new defects, and replacement strategies such as valve replacements. Chapters are devoted to specific conditions and feature detailed descriptions of

Read Free Cardiac Surgery In The Adult 4th Edition

how to perform a variety of appropriate reparative surgical techniques; involving complex anatomy, reoperative surgery, and unique techniques to this speciality, enabling the reader to develop a deep understanding of how to successfully resolve situations such as left ventricular outflow tract obstruction, anomalous pulmonary venous return, and anomalous origin of the coronary arteries. Atlas of Adult Congenital Heart Surgery provides a foundational resource for practising and trainee cardiac surgeons, nurses, and healthcare associates seeking specialist training and insight to the resolution of congenital heart diseases in adults.

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. Video clips of cardiac procedures, both common and rare, are included within the VitalSource edition. Print Versions of this book also include access to the ebook version.

The classic leading-edge guide to heart surgery in adults-completely updated by leaders in the

Read Free Cardiac Surgery In The Adult 4th Edition

field In this trusted reference, renowned cardiac surgeon and Harvard professor Dr. Lawrence H. Cohn takes you through all aspects of heart surgery in adults. The text's acclaimed coverage begins with a solid review of cardiac surgery fundamentals, then progresses to optimal perioperative and interoperative care before covering the full range of individual procedures. Inside, you'll find over 1,000 step-by-step illustrations that clarify each procedure, along with important guidance on all of the discipline's fundamental operations and operative techniques. With updated and revised content, the new edition of this forward-thinking, landmark text is undoubtedly the most up-to-date resource of its kind available anywhere.

Features: All the latest surgical perspectives and techniques in ischemic and valvular heart disease, disease of great vessels, cardiac arrhythmias, and more Expert authorship by one of the world's most respected cardiac surgeons, with contributions from an internationally recognized group of authors Cutting-edge overview of cardiothoracic transplantations, circulatory support, and nontransplant options for heart failure Brand new, timely chapters on cardiac imaging, minimally invasive procedures, and stem cell therapy Reworked illustration program, featuring newly commissioned two-color drawings, with classic artwork from the previous editions colorized Two-color format throughout the text, which helps you efficiently navigate chapter material, providing quick access to key information

This text describes and illustrates with some 700 detailed anatomic and surgical drawings the whole spectrum of surgical procedures employed to treat acquired and congenital diseases of the heart and great vessels in adults and children. A rather traditional chapter on history of cardiac surgery precedes chapters dedicated to quality improvement, followed by ICU management in adult and pediatric cardiac surgery, and techniques of extracorporeal

Read Free Cardiac Surgery In The Adult 4th Edition

circulation in both age groups. Further special topics are cardiovascular tissue engineering, minimally invasive cardiac surgery, endovascular treatment of aortic diseases, and cardiac assist devices, including total artificial heart. Written by 71 internationally recognized experts from 40 cardiac units in Central Europe and North America, this book will be invaluable not only for both novice and experienced surgeons, but also for all physicians, nurses, and technicians caring for patients with heart disease of any type, at any age.

Managing patients with thrombotic vascular disease is complex and challenging: Ischemic vascular disease remains a complicated interplay of atherosclerosis and thrombosis—even with the evolution in our understanding of the pathobiology of thrombosis. There has been tremendous growth in therapeutic options which are quickly finding their place in daily practice, including a remarkable expansion in the number of intravenous and oral anti-thrombotic agents and new antiplatelet agents. Now more than ever, all cardiologists, hematologists, and specialists in vascular medicine, as well as other professionals, such as hospital pharmacists, who deal with prognosis and intervention in preventing thrombosis, need a resource that distills current knowledge of this important subject. Written and edited by today's leading international, *Therapeutic Advances in Thrombosis, 2e* provides physicians with the very latest in medical and surgical advances in anti-thrombotic therapies. With this comprehensively updated edition you get: Coverage of virtually all aspects of venous and arterial thrombotic disease and the corresponding therapies; Strategies to manage specific clinical conditions and how to tailor treatment to individual patient needs.

Read Free Cardiac Surgery In The Adult 4th Edition

Updated chapters covering thrombolysis in ST-elevated myocardial infarctions; thrombosis in patients with diabetes, pregnancy, and renal dysfunction. Special emphasis on the pharmacology of novel anticoagulants and their practical use in venous thromboembolism and atrial fibrillation. Plus, all chapters fully explore clinical trial designs and outcomes for particular treatment therapies, as well as contain the relevant ACC/AHA/ESC guidelines, so you can confidently apply what you learn.

Winner of a HIGHLY COMMENDED AWARD in the Surgical specialties category of the 2011 BMA Medical Book Competition. Key Questions in Cardiac Surgery will systematically cover all the main topics involved in the current practice of a cardiac surgeon. It will incorporate current guidelines for practice (such as from the American Heart Association and European Society of Cardiology) and up-to-date information based on current literature. The data and body of knowledge presented in this book are strictly evidence-based which makes it ideal as a revision aid for residents/registrars undertaking their Cardiothoracic Surgery Board examinations around the world. Although these examinations vary in format in different countries, this book is applicable to all cardiothoracic surgical trainees. Its concise, yet complete coverage of the important topics, make it the ideal guide to answer the key questions in cardiac surgery that are asked within the confines of an examination. Cardiologists, cardiothoracic intensive care unit specialists, nursing staff, physiotherapists and other professions allied to medicine, both surgical and cardiological, will also find the book useful in terms

Read Free Cardiac Surgery In The Adult 4th Edition

of the indications and surgical management of these patients, as they are integral to the cardiac surgical process.

This volume in the acclaimed Mastery Series delivers clear, how-to guidance on the most commonly performed procedures in adult and pediatric thoracic surgery. As with other volumes in the series, Mastery of Cardiothoracic Surgery delivers expert commentary from master surgeons following each chapter. Invaluable for cardiothoracic fellows, as well as thoracic and cardiac surgeons.

This book will systematically cover all the main topics involved in the current practice of a cardiac surgeon. It will incorporate current guidelines for practice (such as from the American Heart Association and European Society of Cardiology) and up-to-date information based on current literature. All the chapters have been written by cardiac surgeons who have recently undertaken their Cardiothoracic Board / Specialty Exit examinations and reviewed by a cardiothoracic examiner of the Royal College of Surgeons of England. Each chapter will be structured to include aetiology, pathophysiology, clinical features, indications for surgery, peri-operative management, surgical options and postoperative care. Possible complications will be discussed and the results of current practice presented. Importantly there will be a section on basic sciences related to the practising cardiac surgeon and a further section on cardiac investigations with many images illustrating the variety of pathologies. Each chapter will also contain important references for further reading and greater depth of knowledge.

Read Free Cardiac Surgery In The Adult 4th Edition

The data and body of knowledge presented in this book is strictly evidence-based and is relevant to all cardiac surgical trainees, at any stage of their training programme. It will provide interns, residents and specialist registrars the necessary information to carry out their daily duties. Adult cardiologists and cardiothoracic intensive care unit specialists will also find the book useful in terms of the indications and surgical management of these patients, as they are integral to the cardiac surgical process. Another important group is the nursing staff, physiotherapists and other professions allied to medicine, both surgical and cardiological, working with patients with adult cardiac disease either pre-operatively or postoperatively, as it will help to give a detailed understanding of the principles surrounding adult cardiac surgical disease. Most importantly, the book is ideal as a revision aid for residents/registrar undertaking their Cardiothoracic Surgery Board examinations around the world. Although these examinations vary in format in different countries, this book is applicable to all cardiothoracic surgical trainees. Its concise, yet complete coverage of the important topics, make it the ideal guide to answer the key questions in cardiac surgery that are asked within the confines of an examination.

Cardiothoracic nursing has undergone great change over the last decade. With the continuing improvement of surgical techniques, pharmacology and pre- and post-operative care, there have been many new initiatives and innovations in the nature and practice of this specialised sector of nursing. Rehabilitation and patient education are to

Read Free Cardiac Surgery In The Adult 4th Edition

name but a few of the areas where exciting new challenges and opportunities for cardiothoracic nurses have opened up. This book is a definitive and accessible text for cardiothoracic nurses. Written for nurses from a nursing perspective, it offers practical advice and information on all aspects of cardiothoracic surgical nursing and pays particular attention to the continuing developments cardiothoracic nurses must face. The thoroughly updated Seventh Edition of this popular and widely used handbook presents the most current protocols and recommendations for care of patients undergoing cardiac surgery. This edition reflects current ACLS guidelines and the latest developments in cardiac surgery. The transplantation chapter has been entirely rewritten by a new author. Experts from leading hospitals offer detailed, practical guidelines on preoperative evaluation and preparation, intraoperative management, and postoperative care for all current cardiac surgical procedures. Perspectives valuable for cardiac surgeons, cardiac nurses, and anesthesiologists are included throughout. Coverage includes a chapter on infants and children. Appendices list drug dosages for adults and for infants and children.

Coronary surgery encompasses two thirds of all adult cardiac surgery cases. With the endless pursuit of better outcomes, modern coronary artery bypass grafting (CABG) has become technically more complex in ways that are well beyond the training of the average cardiac surgeon. The old concept of "one-technique-fits-all" has been abandoned in favour of a specialized approach tailored to the individual patient. In fact,

Read Free Cardiac Surgery In The Adult 4th Edition

in recent years, there is a growing movement towards establishing coronary surgery as a super-specialization of cardiac surgery. *Technical Aspects of Modern Coronary Artery Bypass Surgery* aims to expand on both the basics and complexities of the technical aspects of coronary surgery. It serves as an up to date resource that illustrates and details the advancement and techniques in this field which may soon become a separate super-specialty. With a particular emphasis on illustrations, the book will be an essential reference book for both established surgeons that have no experience in advanced CABG, and the new generation of CABG surgeons. A complete and concise resource on all aspects of coronary surgery In-depth illustrative review of various coronary techniques Covers both current recommendations and well-established practices in the field

Part of the Oxford Textbooks in Anaesthesia series, this title covers the anatomy and physiology, pharmacology, post-operative complications, critical care, and all clinical aspects of cardiac and thoracic anaesthesia. Practical aspects, such as team working, and designing and equipping cardiothoracic theatre and critical care, are also included. The expert and international author team use their experience to ensure this title reflects current world-wide practice across the globe.

Take your surgical skills to the next level with *Cardiac Surgery*, a volume in the *Master Techniques in Surgery* series! This outstanding resource distills vast stores of knowledge from the field's most renowned surgeons into one definitive

Read Free Cardiac Surgery In The Adult 4th Edition

atlas. Richly illustrated, step-by-step guidance covers a full range of adult cardiac surgical techniques, and clearly demonstrates how to avoid and manage complications and achieve optimal outcomes.

Cardiac Surgery: Operative Technique, by Drs. Donald B. Doty and John R. Doty, is your essential source on how to perform today's full range of cardiac surgical techniques. Over 1,000 crisp illustrations and expert, evidence-based discussions guide you step by step, equipping you to perform all of the latest procedures and get the best outcomes. Focus on the practical how-tos you need to perform each operation. Know what to do, what to avoid, and how to manage complications with the authors' discussions of their preferred methods. Benefit from the seasoned expertise of two master cardiac surgeons with decades of experience. Keep your skills current with state-of-the-art coverage of coronary artery surgeries, heart-lung transplantation, lung transplantation, and much more - including the latest evidence for each procedure. Know what to look for and how to proceed with over 1,000 remarkable illustrations and photographs - many new, many in full color - that capture exactly what you will see during surgery.

Now in its sixth edition, Robert M. Bojar's Manual of Perioperative Care in Adult Cardiac Surgery remains the go-to practical guide for all of those involved in the care of the cardiac surgery patient. Written in outline format, it provides a

Read Free Cardiac Surgery In The Adult 4th Edition

comprehensive, detailed, and clearly explained review of cardiac surgical disease and perioperative management that is of value to practicing cardiac surgeons as well as to cardiologists, residents, fellows, advanced practice providers, critical care and floor nurses, perfusionists, and medical students. Extensively rewritten with updated references to incorporate the latest concepts, guidelines, protocols, and medications used in cardiac surgical practice, this classic text retains the pragmatic features that have made it the gold standard reference that clinicians have used worldwide for the past 30 years. Highlights include: Full coverage of cardiac surgical diseases, including pathophysiology, indications for surgery per guidelines, and figures of operative procedures and diagnostic techniques, with a panoply of examples Chronologic evaluation of patients from preoperative assessment to intraoperative considerations to postoperative care for each procedure Extensive chapters discussing organ system management in the ICU, followed by a discussion of later postoperative management and problems Incorporation of newer techniques (TAVR, Mitraclip, etc.) within the chronologic format Easy access to information using an outline format, markers on the free edges to identify chapters, synopsis pages at the beginning of each chapter, and a comprehensive index to provide easy referencing within the text Updated references throughout that are available from on-line resources 21 appendices

Read Free Cardiac Surgery In The Adult 4th Edition

summarizing order sheets, protocols, commonly used drug doses, body mass index, and other important information Praise for the fifth edition: "Surgeons are frequently asked to recommend a text that can be used to guide the care of their patients. This comprehensive text is the standard by which any other text should be judged." --Critical Care Medicine "It remains a classic and a must have for anyone involved in cardiac surgery." --Perfusion.com

Cardiac Surgery Essentials for Critical Care Nursing, Second Edition is designed for certified nurses who work in cardiovascular surgery, cardiothoracic surgery, or postanesthesia care units caring for patients in the first 48 hours postoperatively. An ideal foundation for nurses beginning to care for cardiac surgery patients, it also provides advanced knowledge for nurses who have mastered the basic skills necessary to care for this patient population. Completely updated and revised, it addresses significant changes in cardiac surgery, the nursing responsibilities needed to meet the needs of acutely ill patients, and strategies to optimize patient outcomes in this dynamic field. New to this edition is additional information on pulmonary, renal, and diabetic issues related to cardiac surgery, a new chapter on minimally invasive surgery utilizing robotics, updated case studies, current references, and enhanced evidence-based practice guidelines. An ideal resource for those preparing for the AACN's Cardiac Surgery

Read Free Cardiac Surgery In The Adult 4th Edition

Certification, it features critical thinking questions, multiple choice self-assessment questions, web resources, clinical inquiry boxes, and case studies. Included with each new print book is an Access Code for Navigate TestPrep, a dynamic and fully hosted online assessment tool offering the book's questions and robust reporting.

Written by clinicians, for clinicians, Cardiovascular Medicine and Surgery offers a comprehensive, authoritative, and multidisciplinary approach to this rapidly evolving field. Covering every area relevant to the daily practice of cardiovascular medicine, this new and innovative reference text, led by Drs. Debabrata Mukherjee and Richard A. Lange, brings together a stellar team of cardiovascular specialists from leading medical centers worldwide who focus on cutting-edge strategies for the clinical and surgical management of patients. Both medicine and surgery are highlighted in chapters along with follow-up care and changing technology to equip the clinician for optimal patient care. Highly structured and templated chapters cover pathogenesis, diagnosis, management, special considerations/limitations, follow-up care, and on-going and future research. This text reviews the postoperative management of patients who have undergone cardiac surgical procedures, some of the most common and most complicated forms of surgery. These patients and their management are characterized by

Read Free Cardiac Surgery In The Adult 4th Edition

complex challenges, while among the factors determining ultimate clinical outcome, postoperative critical care is of major importance. This new and extensively updated edition of *Postoperative Critical Care for Cardiac Surgical Patients* maintains the general clinical approach in explaining and analyzing the course of clinical care in patients undergoing cardiac surgery, providing the reader with a practical "cookbook" of postoperative intensive care in adult cardiac patients. It has been extensively updated to include the developments in this field during the last few years, from new chapters on postoperative management of renal, gastrointestinal and respiratory systems, postoperative management of infectious and inflammatory complications, and postoperative care of transplant patients and postoperative safety. This book is of critical importance for cardiac surgeons, cardiac anesthesiologists and intensivists, and defines optimal daily practice for adult patients undergoing cardiac surgical procedures.

This textbook provides a succinct overview of cardiac surgery, with key concepts being emphasized throughout. An abundance of illustrations, intra-operative photographs, tables as well as information boxes, aids the reader to visualise, grasp and retain difficult concepts. The inclusion of evidence-based approaches to the management of a range of cardiac surgical conditions equips the reader with an understanding of how to overcome a variety of potentially tough clinical

Read Free Cardiac Surgery In The Adult 4th Edition

challenges. Concise Cardiac Surgery: A Complete Guide comprehensively covers a range of techniques used in cardiac surgery. It is therefore, an ideal resource for the trainee and practising cardiac surgeon seeking a practically focused text detailing how to apply the latest techniques and evidence-based approaches in their day-to-day practice.

This book will answer the questions frequently asked by newly qualified nurses or nurses entering the specialty of cardiac surgery. It identifies the needs of the adult patient recovering from cardiac surgery, and focuses on the more common procedures of coronary artery bypass graft and valve surgery. The information provided will enable evidence based nursing care to support interventions in the meeting of those needs. This text will allow nurses in this specialist area to concentrate on a high basic standard of nursing care, ensuring that the needs of the patient are not neglected in the pursuit of technological advancement. It discusses the main complications that may occur and how these can be dealt with.

Highly Commended, BMA Medical Book Awards 2014
The development of new techniques as well as the refinement of established procedures has led to great progress in cardiac surgery. Providing an ideal synopsis of the growth in this area, Cardiac Surgery: Recent Advances and Techniques systematically reviews all the new developments in cardiac surgery,

Read Free Cardiac Surgery In The Adult 4th Edition

The development of new techniques and the refinement of established procedures make cardiac surgery a fast-moving field. Core concepts in cardiac surgery has been developed to make it an invaluable textbook for the professional cardiac and cardiothoracic surgeon, covering both topical issues and updates in cardiac surgery. This provides the practising cardiac surgeon with current updates in the field, and controversial issues that affect everyday practice. Written by an international team of renowned cardiac surgeons, each topic is split into a review of the current literature and then important technical details. Their wealth of professional experience has been distilled into tips and common pitfalls in practice throughout the book. Extensively illustrated with full-colour photographs and artwork to facilitate understanding of complex procedures, Core concepts in cardiac surgery is also available on a companion website, to allow the authors to update the text regularly to reflect developments in the discipline.

Get expert, step-by-step guidance on a wide variety of both open and interventional cardiac surgical techniques. Atlas of Cardiac Surgical Techniques, 2nd Edition, helps you expand your surgical repertoire and hone your skills with a vividly illustrated, easy-to-navigate text and pearls and pitfalls throughout. This revised atlas covers the surgical procedures you need to master, including minimally invasive techniques, robotic surgery, aortic dissection, and much more. Seven brand-new chapters cover Hybrid Coronary Revascularization, Aortic Valve Repair Techniques, Transcatheter Aortic Valve Replacement, Robotic Mitral Valve Surgery, Surgery for Hypertrophic Cardiomyopathy, Approaches and Techniques to Extra-Corporeal Membrane Oxygenation, and Pulmonary Endarterectomy. Multiple new contributing authors offer a fresh perspective in their areas of expertise. A consistent chapter format guides you

Read Free Cardiac Surgery In The Adult 4th Edition

quickly from surgical anatomy and preoperative considerations through operative steps and postoperative care. More than 400 full-color images, line drawings, and intraoperative photographs clearly depict the step-by-step progression of procedures.

Unique in the field of cardiac surgery, Khonsari's *Cardiac Surgery: Safeguards and Pitfalls in Operative Technique* details the most important techniques in a concise, readable, and richly illustrated format, with a focus on avoiding and managing surgical pitfalls and complications. From general considerations through the surgical correction of acquired and congenital heart conditions, it provides a wealth of practical, hands-on guidance to help both seasoned and less-experienced cardiac surgeons achieve optimal outcomes.

THE LANDMARK GUIDE TO ADULT CARDIAC, CONGENITAL CARDIAC, AND GENERAL THORACIC SURGERY--COMPLETELY UPDATED AND REVISED IN FULL COLOR An essential guide for daily clinical practice and a thorough review for the cardiothoracic boards, *Johns Hopkins Textbook of Cardiothoracic Surgery* is filled with authoritative guidance on surgical techniques and pre- and postoperative strategies for managing cardiothoracic disease. The content of this trusted classic reflects the rapidly changing field of cardiothoracic surgery. In addition to the basic curriculum required for certification, you will find coverage of advanced concepts, controversial issues, and new technologies. *Johns Hopkins Textbook of Cardiothoracic Surgery* provides an in-depth look at the full-spectrum of disorders and their surgical and medical management options, including congenital, acquired, and neoplastic diseases. Supporting this detailed coverage is an easy-to-navigate design and step-by-step explanations of the most complex operations. **THE SECOND EDITION IS HIGHLIGHTED BY: NEW** board review Q&A Ten **NEW** chapters including: Surgical Therapies for Atrial Fibrillation,

Read Free Cardiac Surgery In The Adult 4th Edition

Management of Adults with Congenital Heart Disease, and Stem Cells for Cardiac Surgical Disease NEW full-color illustrations An increased number of decision-making flow charts that will prove valuable when preparing for cases and examinations Key Concepts that highlight epidemiology, pathophysiology, clinical features, diagnostic and treatment strategies, and outcomes for each topic NOTE: This book was previously known as the Johns Hopkins Manual of Cardiothoracic Surgery but the second edition has been renamed to better reflect its scope and comprehensive nature.

[Copyright: d7cce1b90b93b8b262546309b427897f](https://www.pdfdrive.com/cardiac-surgery-in-the-adult-4th-edition-pdf-free.html)