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Postoperative Critical Care for Adult Cardiac Surgical Patients-Al Dabbagh 2018-06-04 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 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.

Postoperative Critical Care for Cardiac Surgical Patients-Al Dabbagh 2013-11-29 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.

Handbook of Patient Care in Cardiac Surgery-John H. Lemmer 2012-03-28 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.

Fast Facts for the Cardiac Surgery Nurse, Second Edition-Tanya Hodge, MS, RN, CNS, CCRN 2015-10-14 This handy clinical guide provides speedy access to information and guidelines cardiac surgery nurses need to know and use daily. It covers all aspects of care from preoperative to recovery, with an emphasis on prevention and management of postoperative complications—an area where nurses can really make a difference and improve care. The second edition is completely revised and updated, with such highlights as new coverage of risk factors for stroke, thoracic aortic aneurysms, and congenital heart disease, and updates on new surgical techniques and devices. New illustrations help to clarify crucial information and tables are reorganized to emphasize commonly used medications. The second edition retains all of the expedient features of the Fast Facts guides, including Fast Facts in a Nutshell boxes delineating especially important content, chapter introductions and objectives, short, easy-to-read chapters, and a convenient pocket size. The heart of the book focuses on post-op complications and nursing interventions to prevent and treat them. The book’s five sections are comprised of the Preoperative Period, the Intraoperative Period, the Immediate Postoperative Period, the Extended Postoperative Period, and the Recovery Period, including discharge and long-term rehabilitation. Each section includes nursing considerations and patient education topics. Nurse-sensitive indicators and strategies for improving nursing care are featured throughout. The resource will be highly valuable to new graduates and nurses who are considering a switch to cardiac care, and will reinforce the knowledge of seasoned practitioners. New to the Second Edition: Updates including new surgical techniques and devices Additional graphics to increase reader comprehension Modifications to tables to ease of access to information New sections on thoracic aortic aneurysms and congenital heart disease New chapter on stroke with a focus on postoperative treatment options Key Features: Delivers a handy pocket reference for new and experienced cardiac care nurses Organized for easy access to equipment, procedures, and pre- and post-op specialty care Includes Fast Facts in a Nutshell delivery of timely content Formatted in short paragraphs packed with timely and accessible information

Cardiac Surgery-A.C. Cernaianu 1995-11-30 The topics in this book represent the presentations given at the Seventh Annual Meeting entitled "Cardiac Surgery: Current Issues," held at the Frenchman's Reef Beach Resort, St. Thomas, U.S. Virgin Islands, November 9-12, 1994. This symposium was sponsored by the American College of Chest Physicians in conjunction with the Division of Cardiothoracic Surgery of Cooper Hospital/University Medical Center, the University of Medicine and Dentistry of New Jersey, Robert Wood Johnson Medical School, Camden, New Jersey. Chapter authors were charged with the task of writing brief overview of major issues related to the field of cardiac surgery. The book is specifically tailored to the needs of cardiothoracic surgeons, cardiovascular perfusionists, allied health professionals, and nursing personnel involved in all phases of caring for the cardiac surgical patient. Although intended as a reference source with emphasis on updated approaches applied in cardiac surgery, it is hoped that the discussion of these topics will complement other texts and manuscripts.
Obviously, a book of this length cannot cover the whole multidisciplinary and complex field of cardiac surgery. However, co-editors are certain that the annual appearance of this text will highlight comprehensive, new, and interesting approaches to the field of cardiac surgery. The co-editors are greatly thankful to the contributors for their efforts in providing comprehensive chapters. Without their expertise, this work may not have been possible. We would also like to thank Ms. Eileen Birmingham and the staff at Plenum Publishing Corporation for their tremendous help in completing this work.

Cardiac Surgery: Shahzad G. Baja 2020-02-11 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 challenges. Concise Cardiac Surgery: A Complete Guide 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.

Patient Blood Management in Cardiac Surgery: Christian von Heymann 2019-06-03 This book provides a multidisciplinary approach to the maintenance of hemostasis and minimisation of blood loss in patients undergoing cardiac surgery. All aspects of patient blood management are covered that may contribute to a reduction in perioperative bleeding and transfusion requirements in cardiac surgery. This is achieved through practical cases and a theoretical background that gives a better understanding of patient hemostasis and the occurrence of bleeding complications. This book is relevant to cardiac surgeons, anesthesiologists, clinical perfusionists, hematologists and intensivists.

Manual of Perioperative Care in Adult Cardiac Surgery: Robert M. Bojar 2021-01-26 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 comprehensive, detailed and clearly explained review of cardiac surgery for deeper insight. Relevant pharmacology 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 other techniques (TAVR, Mitroclip, etc.) within the chronic 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 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

Johns Hopkins Textbook of Cardiothoracic Surgery, Second Edition: David Yuh 2014-02-05 THE LANDMARK GUIDE TO ADULT CARDIAC, CONGENITAL CARDIAC, AND GENERAL THORACIC SURGERY - COMPLETELY UPDATED AND REVISED IN FULL COLOR An essential resource 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, 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 provide visual checklists that will prove helpful for all who use this book. Extensive statistical evaluations and treatment algorithms for each topic. Extensive case presentations. Commentary on the latest evidence-based medicine overviews of the state of the art in cardiothoracic surgery. A comprehensive, detailed, and clearly explained review of cardiac surgical disease and perioperative management equips the reader with an understanding of how to overcome a variety of potentially tough clinical challenges. Concise Cardiac Surgery: A Complete Guide 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.

Cardiac Surgery Essentials for Critical Care Nursing: Sonya R. Hardin 2019-03-07 Cardiac Surgery Essentials for Critical Care Nursing, Third Edition is an indispensable resource for new and experienced nurses caring for patients in critical care units immediately following cardiac surgery and in the transitioning to home. With an evidence-based foundation, the Third Edition addresses nursing knowledge to meet the needs of acutely ill patients and strategies to optimizing patient outcomes in this dynamic field. Vital information has been added and updated to reflect significant changes in cardiac surgery as well as four new chapters based on needs of patients, families, and readers. These new chapters address nutritional issues, post ICU-care, psychological and spiritual support, and rehabilitation care post cardiac surgery.

Minimally Invasive Cardiac Surgery: Theo Kofidis 2021-02-09 Minimally invasive cardiac surgery (MICS) is an integral component of every future cardiac surgeon’s training. There continues to be a growing global demand towards less invasive surgical techniques. Both cardiologist and cardiac surgeon form “heart teams” to provide patients with novel, minimally invasive procedures, with all their benefits. Less invasive techniques are often complex and require special knowhow and skills. This book offers an innovative approach to learning, utilizing QR code technology, which refers the reader to essential audio-visual material, which, along with the didactic text, focuses on practical aspects of minimally invasive cardiac surgery. In modern Heart Teams, and with the advent of the hybrid era, surgeons will only be able to survive if they have state-of-the-art skills in less invasive technologies, which can be incorporated in the hybrid theatre and/or trans-catheter arena. This text accompanies the surgeon along this path, and provides clinical advice and practical solutions, beyond the necessary basic knowledge. Which courses to visit, which videos to watch, which centres to join for serious training? How best to exploit public and multimedia? How to consent a patient into a MICS procedure? How to set up a MICS program or practice? In the era of value driven outcomes, and a shift towards shorter and better patient journeys, MICS is a skill that no heart surgeon can be without. Minimally Invasive Cardiac Surgery: A Practical Guide is a teaching resource, reference book and manual written by surgeons who both operate and teach the procedures described within. Provides access to online resources via QR codes Includes links to videos and the e-version of the text Acts as a gateway to a huge choice of minimally invasive cardiac surgery materials

Patient Care in Cardiac Surgery: Chris Aps 2007 This book or ‘briefing’ has been written for trainee clinicians of various disciplines who find themselves suddenly and perhaps temporarily involved in the management of patients undergoing cardiac surgery. Importantly, it has also been designed to appeal to those who are involved in such care neither as the operating surgeon nor as one of the several specialists who provide care pre and postoperatively. This book is a ‘briefing’ in the classical sense. It seeks to provide a thorough practical grounding in the rapidly evolving art of contemporary cardiac surgery. The book is designed as a practical guide to patients who may not previously have been exposed to modern cardiac surgery. It is intended to provide in three main parts: Pre-operative care: A summary of the patient’s clinical presentation Peri-operative care: A description of the surgery and its implications Post-operative care: A summary of the patient’s management

Cardiac Surgery in the Adult 5/e-Lawrence H. Cohn 2017-09-08 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
Core Topics in Cardiac Anesthesia-Jonathan H. Mackay 2012-03-15 Since the publication of the first edition of Core Topics in Cardiac Anesthesia, the clinical landscape has undergone significant change. Recent developments include the increased use of electrophysiology, the resurgence of primary percutaneous intervention in acute coronary syndromes, the use of percutaneous devices in patients previously considered inoperable, and the withdrawal of aprotinin. Against this landscape, this invaluable resource has been fully updated. New chapters are dedicated to right heart valves, pulmonary vascular disease, cardiac tumours and cardiac trauma. All other chapters have been updated according to the latest international guidelines. Written and edited by an international author team with a wealth of expertise in all aspects of the perioperative care of cardiac patients, topics are presented in an easy to digest and a readily accessible manner. Core Topics in Cardiac Anesthesia, Second Edition is essential reading for residents and fellows in anaesthesia and cardiac surgery and clinical perfusionists.

Cardiac Surgery-Miguel Maluf 2014-02-26 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 Surgery Essentials for Critical Care Nursing-Sonya R. Hardin 2015-05-01 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 AACC's Cardiac Surgery 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.

Robotic Cardiac Surgery-Changqing Gao 2013-11-23 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, and surgical 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.

Technical Aspects of Modern Coronary Artery Bypass Surgery-Mario Gaudino 2020-11-08 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, 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...
Cardiac Surgery for Nurses: Orientation, Policy, and Procedures - Debi Stephens-Lesser 2007 This policy and procedure book is a valuable resource for new or existing cardiac surgery programs. It provides support for each procedure in the cardiac surgery environment to include standards of practice, risk management, staffing competencies, and quality indicators to optimize care of the cardiovascular surgery patient. The policy manual is based upon AORN standards and meets JCAHO standards for the operating room environment.

Cardiac Surgery in Chronic Renal Failure - Mark S. Slaughter, MD 2008-04-15 "The work focuses on a phenomenon that is occurring with increasing frequency in the practice of cardiac surgery, namely the need to address cardiac surgical issues in patients with end-stage renal disease (ESRD). This book will serve to stimulate trials of competing and complementary therapies so that the outcomes for these unfortunate patients can be improved." - from the Foreword by R. Morton Bolman, III, MD Professor of Surgery, Harvard Medical School Chief, Cardiac Surgery, Brigham and Women’s Hospital, Boston Cardiovascular disease remains the most common cause of death for patients with chronic renal failure, and although cardiac surgery can frequently relieve symptoms and prolong survival, it is still associated with significant complications. This concise volume draws on the expertise of leading specialists to help practitioners and trainees understand the full range of current treatment options and their outcomes. Noted authorities such as Charles A. Herzog and William Cohn share both their insights and their technical tips, developed through years of experience. Cardiac Surgery in Chronic Renal Failure includes chapters on: • the impact of ESRD in society • percutaneous coronary revascularization in ESRD patients • cardiopulmonary bypass in patients with chronic renal failure • coronary bypass grafting in ESRD patients requiring dialysis • surgical treatment of valvular heart disease in ESRD patients • surgical evaluation and treatment of uremic pericarditis Practicing nephrologists and cardiologists, as well as residents and fellows, will find this important volume serves as a guide to achieving the best possible outcomes and a call to reduce the impact of cardiovascular disease in ESRD.

Hemostasis in Cardiac Surgery - Safu Ahatt 1999-09-01 Medical knowledge about blood, its use in transfusions, and blood products has grown exponentially, as well as awareness about its safety, risks and costs. In a discipline where risks are proportional to benefits, medical specialists involved in open heart surgery need to have the latest information to make informed decisions. Dr. Attar's work reflects the contributors' direct interest and experience in blood and cardiac surgery introducing the latest information on blood and its use, hemostasis, blood conservation techniques and safety, the risks involved, alternatives to blood transfusions, the diagnosis and therapy of coagulopathy associated with cardiac surgery, and medicolegal aspects. Medical advances include the latest intraoperative diagnostic measures for platelet functions and therapy strategies for hemostasis abnormalities with cardiac surgery. This work is unique for its extensive and critical description of instruments and tests used intraoperatively, especially for the evaluation of the coagulation factors and platelets, the algorithms for transfusion guidelines and the detailed application of APROTININ and other antithrombotic agents in minimizing bleeding in cardiac surgery. Written for cardiac and transplant specialists – from surgeons, anesthesiologists, surgical nurses to perfusionists – this valuable and timely reference thoroughly explores the subject of blood transfusions in open heart surgery, its clinical applications, the current status of blood substitutes and important legal aspects.

Pediatric Cardiac Surgery - Constantine Mavroudis 2013-02-04 Managing patients with thrombotic vascular disease is complex and challenging: Ischemic vascular disease remains a complicated interplay of aththerosclerosis and thrombosis—even with the evolution in ourunderstanding of the pathobiology of thrombosis. There has been tremendous growth in therapeutic options whichare quickly finding their place in daily practice, including aremarkable expansion in the number of intravenous and oralantithrombotic 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 antithrombotic therapies. With this comprehensively updated edition you get: Coverage of virtually all aspects of venous and arterial thrombosis disease and the corresponding therapies Strategies to manage specific clinical conditions and how totalor treatment to individual patient needs Updated chapters covering thrombosis in ST-elevatedmyocardial 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 relevant ACC/AHA/ESC guidelines, so you can confidently apply what you learn.

Cardiac Surgery Procedures - Andrea Montalto 2020-05-20 This edited volume Cardiac Surgery Procedures is a collection of reviewed and relevant research chapters, offering a comprehensive overview of recent developments in the field. The book comprises single chapters authored by various researchers and edited by experts active in the research area. All chapters are complete in themselves but united under a common research study topic. This publication aims at providing a thorough overview of the latest research efforts by international authors and opens new possible research paths for further novel developments.

Cardiac Surgery in Chronic Renal Failure - Tomas A. Salerno 2008-04-15 Myocardial protection is regarded as one of the most
important, yet also most controversial aspects of cardiac surgery. There has been considerable improvement in myocardial protection strategies over recent years, utilizing a variety of new approaches to treat cardiac diseases, and this text is intended to embrace the state of the art in this field. The book summarizes the state of knowledge on all aspects of myocardial protection, including the latest in the treatment of cardiac diseases, robotics, pediatric surgery and the treatment of cardiac failure. Robotic surgery, valvular surgery, pediatric surgery and coronary surgery are all covered by renowned experts, producing a comprehensive, forward-looking view of the field of myocardial protection. This book should function to update physicians and surgeons interested in the field of cardiac surgery on the current state of knowledge on myocardial protection.

Atlas of Cardiac Surgical Techniques E-Book-Frank Selike 2018-01-31 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 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.

Master Techniques in Surgery: Cardiac Surgery-Frederick Grover 2016-03-03 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 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.

Evidence-Based Practice in Perioperative Cardiac Anesthesia and Surgery-Davy C.H. Cheng 2020-11-06 This comprehensive yet concise book addresses current best practice in the combined areas of cardiac surgery and anesthesia, interventional minimally invasive cardiac procedures, perioperative management and monitoring, and critical care recovery. This book not only provides the latest best practices in the perioperative management of cardiac surgical patients, including medication, monitoring techniques, and innovative surgical procedures, but is presented by experts in the field of cardiac anesthesia and surgery. Perioperative clinical care guidelines, postoperative recovery pathways and models of care are presented with supporting protocols. Evidence-Based Practice in Perioperative Cardiac Anesthesia and Surgery is aimed at all cardiac anesthesiology consultants, fellows, and trainees; all cardiac surgery consultants, fellows, and trainees; nurses in perioperative care and those involved in patient recovery management; cardiac program administrative professionals; and all critical care consultants and trainees looking after cardiovascular surgical patients in the modern era.

Core Concepts in Cardiac Surgery—David Taggart 2018-11 The development of new techniques and the refinement of established procedures make cardiac surgery a fast-moving field. Core concepts in cardiac surgery have 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 book provides the practicing 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.

Cardiac Surgery-Patricia C. Seifert 2002 From a history of the specialty to surgical anatomy and physiology, this new clinical reference covers all aspects of perioperative nursing care of patients undergoing cardiac surgery. It includes competency statements based on the most recent cardiovascular nursing standards from the AORN, the ANA, and the AHA. The book addresses perioperative nursing care for more than 70 of the most common cardiac surgery procedures, including coronary artery disease, valvular heart disease, and transplantation of the heart and lungs.

Quality of Life after Open Heart Surgery-Paul J. Walter 1992 The technical evolution of cardiac surgery in the last decades has been rewarded with long-term survival with few complications. A matching improvement in the quality of this survival as subjectively felt by the patient has now become the most important to assess the justification of surgery.

Fundamentals of Congenital Minimally Invasive Cardiac Surgery-Vladimiro Vida 2018-08-01 Fundamentals of Congenital Minimally Invasive Cardiac Surgery is a first of its kind, fully-illustrated guide that is solely dedicated to the most diffused congenital minimally invasive cardiac surgery procedures. It provides detailed, step-by-step descriptions of surgical maneuvers to underline each aspect of the procedures along with full color drawings and operative pictures to enhance understanding. Each chapter fully describes the preoperative setting, the needed materials and the required technical skills that make specific congenital heart defects amenable to minimally invasive surgical treatment. This is the perfect go-to reference for pediatric and congenital cardiac surgeons, and is also a must-have guide for residents in cardiac surgery who are looking to review the technical aspects and outcomes of utilizing a minimally invasive approach for cardiac surgery. Provides an extensive, step-by-step description of the most common minimally invasive pediatric cardiac surgical procedures. Uses high quality, full color drawings and operative pictures of the most important steps of the procedures to facilitate understanding Combines information on both the detailed operations of minimally invasive pediatric cardiac surgery and the approach behind them.

Your Heart, My Hands-Arun K Singh 2019-04-16 “An absorbing account.” --Jhumpa Lahiri An encouraging and inspiring true story on how a boy from India overcame a difficult childhood and devastating hand injuries and became one of the most prolific cardiac surgeons in U.S. history. Leaving a life marked by crippling setbacks and his father’s doubt, in 1967 a twenty-six-year-old doctor from India arrived in America with only five dollars and the desire to claim his American dream. The journey still awaiting Dr. Arun K. Singh would be unparalleled. Faced with an entirely new culture, racism, and the lasting effects of disabling childhood injuries, through hard work and perseverance he overcame all odds. Now having performed over 15,000 open heart surgeries, more than nearly every surgeon in history, Dr. Singh reflects on his most memorable patients and his incredible personal life. Shared for the first time, these intimate and uplifting accounts, along with photos, will have you cheering for the underdog and appreciating the enduring determination of the human spirit.