

Operative Cardiac Surgery

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 anesthesia and cardiac surgery and clinical perfusionists.

Significant changes have taken place in the realm of cardiac, thoracic, and vascular surgery during the last five to ten years. Many new operative procedures have been developed which remain relatively unknown to cardiothoracic surgeons. This practical manual covers a wide variety of these new processes, several of which are interventions offered to cardiologists practicing in the field of electrophysiology who are unaware that these interventions exist and can help them in situations they cannot solve. It includes general practical techniques; cardiac, thoracic, and vascular surgery procedures; and advances in cardiology and electrophysiology. Throughout the book, illustrations accompany the technical descriptions and show in step-by-step detail how to perform the operations and various procedures using proper equipment.

Cardiothoracic Surgical Procedures and Techniques: A Practical Manual is an essential resource for physicians and related professionals, residents, fellows, physician assistants (PA), and graduate students in cardiology, cardiac surgery, thoracic surgery, and vascular surgery.

Previous editions of this book (formerly published in the Rob & Smith Series) have established it as the pre-eminent guide to operative surgery of the heart and great vessels. This new edition recognizes the increasing subspecialization in surgery by positioning the book for the specialist cardiac surgeon. The work is a major revision edited by 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 of the indications and surgical management of these patients, as they are integral to the cardiac surgical process.

Minimally Invasive Cardiac Surgery

Critical Appraisal for FCEM

A Complete Guide

Manual of Perioperative Care in Adult Cardiac Surgery

Cardiothoracic Surgical Procedures and Techniques

Operative Cardiac Surgery CRC Press

The surgery of the heart or the great vessels, performed to correct congenital heart disease or treat valvular disease or complications arising due to ischemic heart disease, is termed as cardiac surgery. The scope of cardiac surgery is wide. The surgery that is performed on the heart after a large incision to the chest to open the rib cage is called an open-heart surgery. Depending on the procedure, it may entail the opening of the heart itself. A modern development in cardiology is the procedure of beating-heart surgery, in which the heart continues to beat even during the surgery. Coronary artery bypass grafting is performed with the objective of preventing clot formation, and subsequent heart attack. As opposed to the highly invasive open-heart surgery, minimally invasive surgery requires smaller incisions and can be robot-assisted. Another important area of cardiac surgery is heart transplantation. This book is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of cardiac surgery. The aim of this book is to present researches that have transformed such surgical techniques and aided their advancement. For someone with an interest and eye for detail, this book covers the most significant topics in this field. This extensively revised second edition provides a practically applicable guide to a range of essential techniques in cardiac surgery. As well as presenting basic surgical principles, emphasis is placed on providing detailed instructions on how to perform each technique. Practically relevant guidance on how to effectively manage potential complications is also featured for standard and complex cardiac surgical procedures (e.g., aortic surgical interventions, David's procedure, tricuspid valve interventions etc.). Essentials of Operative Cardiac Surgery systematically reviews a comprehensive range of diagnostic technologies and surgical interventions in cardiac surgery; thus, providing the reader with an in-depth, detailed and step-by-step synopsis of almost all routine, standard and advanced surgical techniques. Therefore, this book provides an

indispensable primer for practising as well as trainee cardiac surgeons and serves both as a basic and advanced treatise.

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.

Tsra Operative Dictations in Cardiothoracic Surgery

Operative Anatomy of the Heart

Operative Cardiac Surgery & Operative Thoracic Surgery

Cardiac Surgery: Advances in Operative Techniques

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" 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 every 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 collection of minimally invasive cardiac surgery materials.

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, 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.

Operative Anatomy of the Heart offers a unique collection of data and artwork, illustrating cardiovascular surgery and surgical procedures. The coverage is exhaustive, extending to the entire anatomy of the human chest. An appendix presents cross sections of the human body: thoracic, abdominal and pelvic cavity. These are presented as morphological guidelines for better interpretation of the computer scans. This is a book of unique visual and functional utility.

The ability to read a paper, judge its quality, the importance of its results, and make a decision about whether to change practice based on the information given, is a core skill for all doctors. To be able to do this quickly and efficiently is, without a doubt, a skill needed by all time-pressured emergency doctors and one which is tested in the Fellowship of the College of Emergency Medicine (FCEM) examination. Critical Appraisal for FCEM is the essential revision source for all those who want to pass the critical appraisal section of this exam. It is also required reading for those who want to incorporate evidence-based medicine into their everyday clinical practice. Features: Helps you become truly competent in critical appraisal Provides information in "Spod's Corner," which helps you reach the next level and excel Prepares you for the Critical Topic Review Contains two fictional practice papers to test and practise your knowledge With its relaxed conversational style—yet crammed with essential information, key tips, and advice—this book is indispensable for all those wanting to achieve success in their FCEM and MCEM examinations.

Illustrated Handbook of Cardiac Surgery

Avoidance and Treatment

Key Questions in Cardiac Surgery

Cardioprotection

Current Issues 1

Written to supplement standard textbooks and operative atlases, this updated reference concentrates on the issue of complication prevention and treatment. By challenging the contributors to address specific issues related to both intraoperative techniques and post-operative care that will reduce the incidence of complications, Drs. Little and Merrill present a book that reinforces the commitment to excellence in cardiothoracic surgery. The book opens with a section on general topics with regard to cardiothoracic surgical complications, including thoracic incisions, postoperative arrhythmias, and myocardial preservation. Then Drs. Little and Merrill draw on their expertise in thoracic and cardiac surgery, respectively. They have assembled a team of experts to address specific diseases encountered and operations performed by cardiac and general thoracic surgeons. With advice developed through years of experience by some of the most respected names in the field, *Complications in Cardiothoracic Surgery: Avoidance and Treatment, 2nd Edition* makes an ideal introduction for the new trainee and the perfect refresher for the practicing surgeon.

A practical, heavily illustrated guide to procedures in cardiac surgery, this updated edition covers acquired and congenital diseases and includes surgical anatomy, surgical exposures, and step-by-step procedural details. Also included are updates in minimally invasive surgery and vascular and endovascular surgery.

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. Access the complete contents and illustrations online, fully searchable. Step-by-step surgical guidance for cardiac operations!

Cardiothoracic Surgery covers all areas of adult and paediatric, cardiac and thoracic surgery and intensive care. This new edition provides rapid on-the-spot access to practical management advice, and succinct overviews of common and less common operative procedures. Divided into topics presented across a double page spread to enable easy reference, each chapter includes advice based on current evidence and guidelines, with references where appropriate, and features purpose-drawn illustrations showing practical procedures.

Cardiothoracic Surgery

Operative Thoracic Surgery

Carpentier's Reconstructive Valve Surgery E-Book

The Johns Hopkins Manual of Cardiac Surgical Care

Core Topics in Cardiac Anesthesia

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 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

There is nothing quite like the pleasure of "passing on" the lessons of surgery from one generation to the next. As experienced cardiac surgeons, all of us remember the trainee phase in our specialty when we tried to acquire all of the available Operative Atlases we could find and studying from them to prepare for the next day of teaching in the operating room. However, written chapters and drawings are different as compared to real surgery. To overcome this limitation, we developed together the second edition of this new-concept operative atlas. When our co-editor, the New York Professor of Cardiac Surgery, David H. Adams, first received a copy of the German Cardiac Surgical Operative Atlas edited by Thorsten Wahlers and Thorsten Wittwer, with a request to provide an additional chapter on Tricuspid Valve Repair for this first English edition, he was struck by the simplicity and obvious utility of this book. He considered it not hard to understand why the total first German Edition sold out in a matter of months. In the second International Edition of the Cardiac Surgical Operative Atlas, the beginning surgeon can review very basic techniques and maneuvers such as cannulation strategies and internal mammary harvest. In other chapters, cardiac surgeons of all levels can review complex procedures such as valve sparing or reconstructive operations, captured step by step with high-quality operative photographs. As good as the art work is in a typical Operative Atlas, original pictures from an actual surgical procedure provide the student of surgery with a depth and clarity not possible in a drawn picture. The accompanying concise legends provide the reader with the key points and "take home messages" to learn from each photograph. We have no doubt there is something in this Atlas for every student of cardiac surgery, from the surgical resident at the beginning of his training over the more experienced surgeon "on-call" being confronted with a complex case in the middle of the night to the expert surgeon wanting to learn an advanced technique. Operative Atlases have been an essential part of surgical training since the beginning, and this particular edition is designed to be helpful for young cardiac surgeons and is hopefully a valuable addition to anyone's collection.

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.

Coronary heart disease (CHD) is the leading cause of death worldwide with 3.8 million men and 3.4 million women dying each year. Cardioprotection refers to the prevention of CHD and the clinical improvement in patients suffering from cardiovascular problems. This book focuses on the role of cardioprotection in surgery and the use of pharmacological therapies such as ACE-inhibitors, statins and beta-blockers in order to reduce the myocardial injury sustained by the patient and the significant risk of morbidity and mortality. It includes new cardioprotective strategies aimed at improving the clinical outcomes of patients in these settings, as well as current well-established methods for reducing myocardial injury in acute coronary syndrome patients.

A Practical Guide

Complications in Cardiothoracic Surgery

A Practical Manual

Effectiveness of a Pre-operative Cardiac Surgery Education

Program on Retention Two Weeks Post CABG Surgery

Cardiac Surgical Operative Atlas

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.

The Thoracic Surgery Residents Association (TSRA) was established in 1997 under the guidance of the Thoracic Surgery Directors Association (TSDA) to create a unified voice to represent residents during cardiothoracic surgery training. The organization has developed as a core mission a focus on improving the quality, accessibility and utility of resident education. The current publication seeks to provide a resource which may be used in the surgeon's daily practice as a resource for the review of the major steps of an operation as well as a guide to the appropriate documentation of the conduct of that operation. We hope that the text will be useful for both practicing surgeons and residents in training. While the list of operations included in the text is extensive it is by no means intended to be inclusive of the entire breadth of the field of cardiothoracic surgery.

Additionally, the text provides descriptions of one approach to the operations included. We acknowledge that the approach to a given operation may vary among surgeons, and institutions. This text is not intended to establish a uniform 'correct' approach, nor is it intended as a surrogate for formal residency training. "It is essential that all individuals involved in the assessment and management of patients with cardiac surgical disease have a basic understanding of the disease processes that are being treated. This chapter presents the spectrum of adult cardiac surgical disease that is encountered in most cardiac surgical practices. The pathophysiology, indications for surgery, specific preoperative considerations, and surgical options for various diseases are presented.

Diagnostic techniques and general preoperative considerations are presented in the next two chapters. Issues related to cardiac anesthesia and postoperative care specific to most of the surgical procedures presented in this chapter are discussed in Chapters 4 and 8, respectively. The most current guidelines for the evaluation and management of patients with cardiac disease can be obtained from the American College of Cardiology website (www.acc.org)"--

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.

Cardiac Surgery

Atlas of Robotic Cardiac Surgery

Atlas of Cardiac Surgical Techniques E-Book

Oxford Textbook of Cardiothoracic Anaesthesia

Cardiac surgery / edited by Stuart W. Jamieson and Norman E. Shumway

This monograph is intended to compile the lectures presented at the 4th Annual Symposium "Cardiac Surgery:1992" held at the Frenchman's Reef Beach Resort, St. Thomas, US Virgin Islands, November 7-10, 1991. This symposium was organized by the Division of Cardiothoracic Surgery and the School of Cardiovascular Perfusion, Cooper Hospital/University Medical Center, Camden, New Jersey and sponsored by the University of Medicine and Dentistry of New Jersey, Robert Wood Johnson Medical School at Camden, Philadelphia Academy of Cardiovascular Perfusion and the American Society of Extracorporeal Technology -Region II. The symposium was devoted to cardiothoracic surgeons, cardiologists, cardiovascular perfusionists, and nurses involved in the management of the cardiac surgical patient. Therefore, the context of the book represents the multidisciplinary nature of cardiac surgery at its present level of development. The contributors to this book have critically examined their experience and discussed controversial issues regarding cardiac pathophysiology, surgical indications, operative techniques, and long term care and outcome. The co-editors wish to express their gratitude for the contributors' efforts in the production of this manuscript. We would also like to thank the members of the Organizing Committee, Jane V. Stewart MSN, RN, CCRN, Roger A. Vertrees BA, CCP, Rosemary Volosin, MSN, RN, Rosemary Morrone and Paul R. Cappola BS, CCP, who have greatly contributed to the success of the symposium.

This book will aid surgeons in mastering the essential skills necessary in the ever expanding field of cardiac surgery. As well as presenting basic surgical principles, emphasis throughout the book has been placed on providing essential tips to make every cardiac surgical operation easy, reproducible and safe to perform, and tricks to enable surgeons to manage the difficult situations they are likely to encounter and prevent serious complications. Essentials of Operative Cardiac Surgery is an indispensable text for trainees and established consultants in adult cardiac surgery.

Critical care medicine is responsible for many of the most important advances in outcomes after cardiothoracic surgery in the past two decades. The expertise developed in this subspecialty accounts for the resiliency that characterizes gold standard results evident in institutions recognized for excellence. This volume is intended to share ideas and algorithms that will improve outcomes in cardiothoracic critical care units. This book is part of the Difficult Decisions in Surgery series that covers surgical specialties. The volumes are multi-authored, containing brief chapters, each of which are devoted to one or two specific questions or decisions within that specialty that are difficult or controversial. The volumes are intended as a current and timely reference source for practicing surgeons, surgeons in training, and educators that describe the recommended ideal approach, rather than customary care, in selected clinical situations. Robotic surgery is currently devoid of adequate didactic material necessary to facilitate daily application in cardiothoracic surgical practice. This book represents the definitive atlas that will lead both the practicing and new cardiothoracic surgeons in these methods. It will define the operative pathway of each procedure, from beginning to end, for surgeons who wish to be a complete robotic cardiac surgeon and include hints and procedural pitfalls derived from the experiences of chapter contributors. The book will be illustrated with high quality illustrations and color photographs from surgical operations where appropriate.

Leading surgeons have contributed to the book and provided sample illustrations for their respective chapters. Anesthetic and cardiopulmonary support preparation for each operation will be included and selected references will be provided to emphasize evidence-based outcomes.

Operative and Evolving Technique

Operative Surgery

Operative Cardiac Surgery, Fifth edition

Cardiac Surgery in the Adult, Fourth Edition

Operative Cardiac Surgery

Thoroughly revised, this handy manual is filled with practical advice for the entire cardiac care team. It covers all aspects of care of the surgical heart patient—from preoperative assessment to postoperative management to treatment protocols. Chapters written by both nurses and doctors emphasize the critical care team approach to cardiac surgery to improve patient outcomes and provide useful, practical information for every clinical setting. A logical organization, including individual sections on preoperative, operative, and postoperative issue speeds to the information you need. The latest details on coronary artery disease . fluid, electrolyte, and renal function . management of postoperative cardiac arrhythmias . mechanical devices . and postoperative myocardial ischemia enhance your clinical acumen. An updated appendix of Management Summaries keeps you current on the latest in care. New images and line drawings illuminate key steps to help you master every procedure.

Over a decade after the last edition, Operative Thoracic Surgery, Sixth Edition has been thoroughly revised and updated by a team of prestigious international contributors. Particular emphasis is given to new and emerging techniques, particularly minimally invasive procedures, ensuring that the book remains an essential resource for surgeons in training, residents and fellows in thoracic and esophageal surgery, and fully qualified practitioners needing a definitive reference. Additional text describes the principles and justification of choosing each procedure, pre-operative assessment and preparation, post-operative care and outcomes. Print Versions of this book also include access to the ebook version. 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.

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.

Essentials of Operative Cardiac Surgery

Operative Technique

Difficult Decisions in Cardiothoracic Critical Care Surgery

Mastery of Cardiothoracic Surgery

Atrial Fibrillation after Cardiac Surgery

Cardiac surgery is performed on hundreds of thousands of patients a year, and can have an important beneficial impact on the outcomes of patients with coronary and valvular heart diseases. Despite the favorable recovery of most patients, some will have their post-operative period interrupted by the development of atrial fibrillation, with a host of potential complications including stroke. High risk subgroups may develop atrial fibrillation in more than half of cases, and often despite aggressive prophylactic measures. Treatment of atrial fibrillation and its aftermath can also add days to the hospital stay of the cardiac surgical patient. In an era of aggressive cost cutting and optimization of utilization of health care resources, the financial impact of this arrhythmic complication may be enormous. Experimental studies have led to a greater understanding of the mechanism of atrial fibrillation and potential precipitating factors in the cardiac surgical patient. Prophylactic efforts with beta-blockers, antiarrhythmic drugs and atrial pacing are being used, or are being investigated in clinical trials. New methods of achieving prompt cardioversion with minimal disruption of patient care, and prevention of the thromboembolic complications of atrial fibrillation, are also important therapeutic initiatives. This text is designed to aid health care professionals in the treatment of their patients in the recovery period after cardiac surgery, and to instigate additional research efforts to limit the occurrence of, and the complications following, this tenacious postoperative arrhythmia.

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 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.

The Illustrated Handbook of Cardiac Surgery is adapted from the Second Edition of the color illustrated Manual of Cardiac Surgery (Springer-Verlag, 1995). The Illustrated Handbook of Cardiac Surgery communicates all the important information, but eliminates the detailed explanation of judgment and technique that is relevant only to cardiac surgeons or other individuals intensely interested in these details. The chapters covering operations explain the basic concepts and fundamentals of the operations. A selection of the most important bibliographic sources follows each chapter, but are not cited in the text. Individuals interested in more exhaustive coverage of information sources should consult the Second Edition of the Manual of Cardiac Surgery. The Illustrated Handbook of Cardiac Surgery should appeal to all individuals caring for cardiac surgical patients: cardiologists, anesthesiologists, radiologists, general surgery residents rotating on cardiac surgery, medical students, physician assistants, nurses, perfusionists, and all other members of the cardiac surgery team. It should even appeal to laypeople who want to read about cardiac surgery in more depth than is available in lay publications. Our attempt has been to produce a book that is clearly written, clearly illustrated, and affordable. The techniques chosen are those developed over three decades of clinical practice and resident training at the Oregon Health Sciences University and St. Vincent Hospital, Portland, Oregon, and Sutter Memorial Hospital, Sacramento, California. These techniques have served us well.

Carpentier's Reconstructive Valve Surgery presents you with authoritative guidance on reconstructive techniques for degenerative mitral valve disease. Alain Carpentier, MD, PhD—who pioneered the field—David H. Adams, MD; and Farzan Filsoufi, MD provide step-by-step instructions for each procedure and over 200 detailed anatomic drawings so that you can effectively apply the techniques of a master. Apply the techniques and procedures of Dr. Alain Carpentier—pioneer of mitral valve reconstruction—to your practice. View more than 200 detailed anatomic drawings that depict reconstruction procedures clearly. Master each procedure using step-by-step instructions and a consistent chapter format. Grasp the nuances of procedures thanks to "tips from the Master" and a section of questions and answers. Tap

into the knowledge and experience of leaders in the field of mitral valve repair and reconstruction.

Rob & Smith's Operative Surgery: Cardiac Surgery & Thoracic Surgery (Set)

Cardiac Surgery E-Book

Khonsari's Cardiac Surgery: Safeguards and Pitfalls in Operative Technique

An Evidence-Based Approach

Safeguards and Pitfalls in Operative Technique