

Key Questions In Cardiac Surgery

An accessible handbook covering thoracic surgery topics, with comprehensive guidance for trainees, cardiothoracic surgeons and consultants.

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.

A concise, yet complete clinical reference on thoracic surgery in the highly practical question-and-answer format of The Secrets Series(R). Each chapter covers an important thoracic surgery topic by asking key questions and providing helpful answers relating to that topic. Covers all aspects of thoracic surgery, from evaluation and diagnosis of surgical conditions through standard and minimally invasive techniques. Includes helpful answers, tips, and secrets of 50 contributing authors, all working in the field of thoracic surgery Excellent complement to LWWs strong list in cardiothoracic surgery Covers all the hot minimally invasive procedures

This first edition of Single Best Answer Questions in Cardiothoracic Surgery provides a comprehensive revision aid to the candidates taking the specialty examination in Cardiothoracic Surgery world-wide. This new revision aid provides over 300 single best answer practice questions in Cardiothoracic Surgery and conforms to the recent changes in the format of specialty examinations in Cardiothoracic Surgery. Each question has been carefully formulated to cover an important topic in cardiothoracic surgery. The questions cover the complete specialty examination syllabus and a considerable number of these have been based on previous examination questions. This book contains a substantial number of patient-based questions or clinical vignettes that will enable prospective candidates to test their ability to integrate key basic science concepts with relevant clinical problems. In addition factual recall questions have also been included that probe for basic recall of facts. Detailed and comprehensive explanations, rather than just brief answers, to questions have been provided so that the candidates do not have to consult textbooks for clarification as is the case with most other MCQs books currently available in the market. A list of relevant references is provided at the end of each answer to enable candidates to read the most up to date journal articles on the subject. The questions in this book can be used in a number of ways: (1) as a diagnostic tool (pretest), (2) as a guide and focus for further study, and (3) for self-assessment. The least effective use of these questions is to study them by reading them one at a time, and then looking at the correct response. These over 300 practice questions are intended to be an integral part of a well-planned review as well as an isolated resource. If used appropriately, these questions can provide self-assessment information beyond a numeric score. Furthermore, the questions have been planned in such a way that this book can be used as companion to any textbook of Cardiothoracic Surgery.

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.

Manual of Cardiac Surgery Instruments is an essential manual for students, paramedics, cardiac surgeons and cardiac theatre nurses. This book provides guidance on the use of an extensive range of cardiac instruments from sterna saw to cardioplegia cannula. Questions and answers are provided with each instrument, making Manual of Cardiac Surgery Instruments an ideal source of preparation for examinations. This compact books contains 205 full colour images, providing easy reference in a busy clinical setting.

Following on from the success of the international best-seller "Key Questions in Cardiac Surgery", the long-awaited "Key Questions in Thoracic Surgery" will be the next book in the Key Questions series to be released. This book will systematically cover all the main topics involved in the current practice of a thoracic surgeon. It will incorporate current guidelines for practice (such as from the American College of Chest Physicians, British Thoracic Society and European Respiratory Society) and up-to-date information based on current literature. Each chapter will be structured to include aetiology, pathophysiology, clinical features, indications for surgery, perioperative 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 thoracic surgeon and a further section on thoracic investigations with many images illustrating the variety of pathologies. Each chapter will also contain important references for further reading and greater depth of knowledge. The data and body of knowledge presented in this book is strictly evidence-based and is relevant to all thoracic surgical trainees, at any stage of their training programme. It will provide residents, fellows and specialist registrars the necessary information to carry out their daily duties. Respiratory physicians and thoracic 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 thoracic surgical process. Another important group is the nursing staff, physiotherapists and other professions allied to medicine working with patients with adult thoracic disease either pre-operatively or post-operatively, as it will help to give a detailed understanding of the principles surrounding thoracic surgical disease. Most importantly, the book is 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 thoracic surgery that are asked within the confines of an examination.

This book reviews the pathogenesis, epidemiology, and screening for heart and stroke risk. It also focuses on the approach and specific treatment strategies for routine and complex aortic pathology, utilizing innovative surgical repair. Aortic Surgery is a handy reference for the clinician and trainee and offers critical insight into the complexities of aortic diseases through the knowledge of acknowledged experts in the treatment of aortic disease.

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

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.

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,

Now in its Sixth Edition, Surgical Recall allows for rapid-fire review of surgical clerkship material for third- or fourth-year medical students preparing for the USMLE and shelf exams. Written in a concise question-and-answer format—double-column, question on the left, answer on the right—Surgical Recall addresses both general surgery and surgical subspecialties. Students on rotation or being PIMPed can quickly refer to Surgical Recall for accurate and on-the-spot answers. The book includes survival tactics and tips for success on the boards and wards as well as key information for those new to the surgical suite.

Following on from the success of the international best-seller "Key Questions in Cardiac Surgery", the long awaited Key Questions in Congenital Cardiac Surgery will be the latest book in the Key Questions series to be released. Key Questions in Congenital Cardiac Surgery will systematically cover all the main topics involved in the current practice of a congenital cardiac surgeon. It will incorporate current guidelines for practice (such as from the American College of Cardiology, American Heart Association, British Paediatric Cardiac Association and European Society of Cardiology) and up-to-date information based on current literature. Each chapter will be structured to include the 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 congenital cardiac surgeon and a further section on congenital 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. The data and body of knowledge presented in this book is strictly evidence-based and is relevant to all congenital cardiac surgical trainees, at any stage of their training programme. It will provide residents, fellows and specialist registrars the necessary information to carry out their daily duties. Congenital cardiologists and paediatric cardiac 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 congenital cardiac surgical process. Another important group is the nursing staff, physiotherapists and other professions allied to medicine working with patients with congenital cardiac disease either pre-operatively or postoperatively, as it will help to give a detailed understanding of the principles surrounding congenital cardiac surgical disease. Most importantly, the book is 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 congenital cardiac surgery that are asked within the confines of an examination.

In Thoracic Surgery: 50 Challenging Cases, editor Wickii T. Vigneswaran has selected 50 challenging cases presented by leading thoracic surgeons. Each case highlights a unique situation from which other surgeons can learn. The selection of Cases includes patients with diagnostic challenges, unconventional and innovative solutions, unexpected findings, and new techniques to treat old problems. The discussions after each case provide a useful starting point for further inquiry. Amply illustrated, this book reflects the wisdom and experience of world leaders in thoracic surgery and teaches junior surgeons how to approach the key thoracic surgical procedures, and how to manage in unexpected and difficult situations. This is a Masterclass in thoracic surgery. Editor Bio Wickii T. Vigneswaran is the Professor and Chief of Thoracic Surgery for the Department of Thoracic and Cardiovascular Surgery at Loyola University Health System.

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, 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.

In gripping prose, one of the world's leading cardiac surgeons lays bare both the wonder and the horror of a life spent a heartbeat away from death When Stephen Westaby witnessed a patient die on the table during open-heart surgery for the first time, he was struck by the quiet, determined way the surgeons walked away. As he soon understood, this detachment is a crucial survival strategy in a profession where death is only a heartbeat away. In *Open Heart*, Westaby reflects on over 11,000 surgeries, showing us why the procedures have never become routine and will never be. With astonishing compassion, he recounts harrowing and sometimes hopeful stories from his operating room: we meet a pulseless man who lives with an electric heart pump, an expecting mother who refuses surgery unless the doctors let her pregnancy reach full term, and a baby who gets a heart transplant-only to die once it's in place. For readers of Atul Gawande's *Being Mortal* and of Henry Marsh's *Do No Harm*, *Open Heart* offers a soul-baring account of a life spent in constant confrontation with death.

Key Topics in Cardiac Surgery includes every current topic central to the modern practice of cardiac surgery. The systematic and structured format of the book make it an ideal revision aid for postgraduate trainees in cardiac surgery preparing for certification and fellowship examination. To ensure the content is suitable for this purpose, each top

In this highly illustrated, comprehensive review of general thoracic surgery, the author shares some of his valuable experience-based observations to help guide the practitioner through details of complex procedures, avoid common problems, and manage complications when they occur. Each chapter is liberally illustrated with original line drawings that depict the relevant anatomy and steps associated with each procedure.

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.

Cardiothoracic Surgery covers all areas of adult and paediatric, cardiac and thoracic surgery and intensive care. This new edition, with updated cardiac surgery and thoracic sections, provides on-the-spot guidance to common and less common operative procedures. Every chapter is divided into topics presented across two pages to enable easy reference, with pages on intensive care edged in red for immediate access. Completely updated with current evidence and guidelines, the book is practically oriented to provide reliable guidance in intensive care and in theatre. Fully indexed and lavishly illustrated, the book is a must for anyone seeking a comprehensive yet portable guide to all areas of cardiothoracic surgical practice.

The beginning of cardiac surgery is generally considered to be the successful repair of a wound of the heart that took place on the 7th of September 1896 in Frankfurt am Main. This operation put an end to the widespread belief that nature had set the heart beyond the limits of surgery. The successive development of heart surgery moved together with other advances that were rapidly taking place in various fields of medicine and surgery and which, already in the first half of the 20th century, had allowed surgical pioneers to successfully correct a number of congenital and acquired heart diseases by adopting closed-heart techniques.

Undoubtedly, the most notable progress in the history of cardiac surgery took place between the second half of the 1950s and the end of the 1960s with the introduction of extra-corporeal circulation that allowed surgeons to perform interventions under direct vision within the bloodless heart chambers. This fundamental technological innovation fostered the development of surgical procedures that are still adopted to this day. Among these that must be mentioned are the correction of complex congenital heart diseases, the designing and creation of implantable prosthetic heart valves, the introduction of coronary artery surgery, the repair of severe diseases of the aorta, the commencement of heart transplantation, and the first implantation of an artificial heart. This book narrates these fascinating and sometimes dramatic events, as well as detailing some of the greatest pioneers of cardiac surgery.

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.

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

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.

Every member of the surgical team usually has a personal journal with notes and diagrams. I too have always put all I appreciated into my little notebook of diagrams and notes, whenever I learned anything valuable in a case. I find it useful even now to revise my notes before I sleep on the night before a challenging case. This handbook was derived from that habit, and it will help you see what unique things I saw during my training in India. We all know that there are deficiencies in learning cardiac surgery from books, a single surgical tutor or a small institute doing less work. By giving you concisely all the basic steps of each operation, we aim to make the team's training period a lot easier, the learning curve shorter and you will then be a more confident cardiac surgical trainee. This, I hope, will help your mentor find you as a very capable person to teach. Cheers and all the very best!

This text is presented to all cardiothoracic surgery residents, present and future. This unique application, developed by residents and national faculty, is a 100-chapter compendium with an individual algorithm on various topics to provide a foundation and framework of important cardiothoracic surgery topics with clinical decisions. As the field of cardiothoracic surgery continues to evolve, attention to key clinical decisions is necessary prior to incorporating indicated interventions. Very few textbooks focus on the decision algorithms in the diagnosis and management of clinical cardiothoracic pathologies. The Thoracic Surgery Residents Association (TSRA) have a clear and sustained commitment to education. The previous textbooks created under the auspices of this organization are among the most affordable and practical manuscripts in our field. It is our hope to provide this addition to the growing TSRA library under the same tradition. Although this field is ever changing, many of the basic principles remain the same: There are basic frameworks that are shared and can be used by those taking care of cardiothoracic patients. Very few textbooks focus on the decision algorithms in the diagnosis and management of clinical cardiothoracic pathologies. Adult Cardiac Surgery1. Cardiopulmonary BypassA. Troubleshooting CBP problemsB. Difficulty weaning off bypass2. Coronary DiseaseA. CABG evaluationB. Management of STEMIC. Cardiogenic shock 5 days post STEMI D. Ascending atheroma in CABGE. Management Carotid/CABGF. Intraoperative decision-making for OPCAB3. Aortic ValveA. ASB. TAVRC. ARD. Small aortic rootE. Non-cardiac surgery and aortic valve endocarditis4. Mitral/TricuspidA. TRB. MR1. Reconstruction2. IndicationsC. MS5. AortaA. Type A dissectionB. Type B dissectionC. Ascending aortic aneurysmD. Aortic root aneurysmsE. DTAA6. Heart failureA. ECMOB. LVADC. RVADD. Pump thrombosisE. OHT7. MiscellaneousA. HOCMB. Cardiac tumorsC. Approach to sternal wound infectionsD. Penetrating chest traumaE. Blunt chest traumaF. EndocarditisG. Pericardial diseaseGeneral Thoracic Surgery1. TracheaA. Tracheal traumaB. Tracheal tumorsC. Tracheal stenosisD. Broncholithiasis2. LungsA. Pulmonary NodulesB. Pleural EffusionC. Pulmonary carcinoidD. SCLCE. Early NSCLCF. Early invasive NSCLCG. Stage III lung cancerH. Stage IV non-small cellI. Resectability of lung cancerJ. Physiologic readiness for thoracic surgeryK. Superior sulcus tumorsL. Mediastinal staging in lung cancerM. Pulmonary metastasisN. Long-term follow up for lung cancerO. Chest TBP. ILDQ. LVRSR. Evaluation and approach to lung transplantS. Approach to lung abscess/empyemaT. Spontaneous PTXU. BPFV. ChylothoraxW. Mesothelioma3. EsophagusA. Esophageal caustic injuryB. Esophageal perforationC. TEF D. LeiomyomaE. Esophageal cancerF. Approach to cervical, thoracic, and GEJ esophageal cancersG. Esophageal conduitsH. Resectability of esophageal cancerI. Postoperative esophageal leakJ. GERDK. Esophageal motility disordersL. Barrett's esophagusM. Paraesophageal herniaN. Esophagectomy4. MediastinumA. PneumomediastinumB. Diaphragmatic injuryC. Thymoma/MG/mediastinal mass5. OtherA. TOSB. Chest wall tumorsCongenital Heart Surgery1. PDA2. ASD3. APW4. Cor triatriatum5. VSD6. Coarctation 7. TOF w/ PS8. TGA9. PA w/ VSD w/ Multiple AP Collaterals10. PA with IVS11. Ebstein's Anomaly12. LVOTO13. Coronary anomalies14. HLHS15. Vascular rings/PA slings16. Pediatric Heart Failure/Transplant17. IAA w/ VSD18. Single Ventricle Pathway/Fontan19. Truncus Arteriosus20. Complete Atrioventricular Canal21. DORV22. Congenital PV Anomalies23. Congenital MS

Most patients with critical cardiac or thoracic conditions will at some stage pass through the cardiothoracic critical care unit. Critical care presents more complex clinical data than any other area of medicine. The new edition of Core Topics in Cardiothoracic Critical Care focuses on the latest practise in the management of patients in cardiothoracic intensive care. The practice of cardiothoracic critical care medicine is constantly evolving, and this new edition reflects the modernized learning styles for trainees. Each chapter includes key learning points as well as sample multiple choice questions and answers to assist in exam preparation. This edition also features updated chapters on ECMO, perioperative management of patients undergoing emergency cardiothoracic surgery, and advanced modes of organ support for patients. This text provides key knowledge in a concise and accessible manner for trainees, clinicians and consultants from specialities and disciplines such as cardiology and anaesthesia, and nursing and physiotherapy.

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.

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.

Need to develop strong cardiac nursing skills or advance your practice to a higher level? The newly updated Cardiac Nursing, 7th Edition is the gold standard reference and on-the-unit resource, offering crucial guidance and direction for nurses looking to provide up-to-date, evidence-based cardiac care.

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.

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.

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 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 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

The definitive guide to heart health from two of America's most respected doctors at Cleveland Clinic, the #1 hospital for heart health in America. Are you one of the eighty-two million Americans currently diagnosed with cardiovascular disease—or one of the millions more who think they are healthy but are at risk? Whether your goal is to get the best treatment or stay out of the cardiologist's office, your heart's health depends upon accurate information and correct answers to key questions. In Heart 411, two renowned experts, heart surgeon Marc Gillinov and cardiologist Steven Nissen, tackle the questions their patients have raised over their decades of practice: Can the stress of my job really lead to a heart attack? How does exercise help my heart, and what is the right amount and type of exercise? What are the most important tests for my heart, and when do I need them? How do symptoms and treatments differ among men, women, and children? Backed by decades of clinical experience and up-to-the-minute research, yet written in the accessible, down-to-earth tone of your trusted family doctor, Heart 411 cuts through the confusion to give you the knowledge and tools you need to live a long and heart-healthy life.

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, from transcatheter aortic valve implantation to minimally invasive mitral valve surgery. Recognised leaders and innovators throughout the world describe each technique and include up-to-date information regarding current trials relating to each new procedure. Each chapter contains images and drawings to illustrate the techniques and the book provides ample references to facilitate further study. This volume is designed for anyone involved in the practice of cardiac surgery, from residents at all stages of their training programme to established cardiac surgeons. Cardiologists and cardiothoracic intensive care unit specialists will also find this book useful to better understand the management of patients undergoing these procedures. All cardiac surgeons are required to keep up to date with current practice for recertification purposes. Cardiac Surgery: Recent Advances and Techniques is an essential reference for this purpose.

Cryoablation of Cardiac Arrhythmias, by Audrius Bredikis, MD and David Wilber, MD, is the first comprehensive text devoted solely to the effective and appropriate use of cryoablation in the management of cardiac arrhythmias. This user-friendly, all-in-one reference provides clear explanations complemented by abundant, high-quality, full-color clinical photos, and at-a-glance tables making it easy to access the information you need to master even the most challenging cryoablation procedures for adult patients, pediatric/adolescent patients, and cardiac surgery patients. Deepen your understanding of all aspects of cryoablation in cardiac arrhythmias while building your clinical knowledge of the latest technologies and procedures. Master the latest cryoablation procedures for adult patients (AVNRT cryoablation, WPW and septal pathways, atrial flutter, atrial fibrillation, balloon-based cryoablation, RVOT cryoablation); pediatric and adolescent patients (AVNRT cryoablation, WPW cryoablation, cryoablation for pediatric coronary sinus); and cardiac surgery patients (left atrial cryoablation procedure for AF; epicardial cryoablation of AF in patients undergoing mitral valve surgery; epicardial ablation with argon-based cryo-clamp; cryoablation of ventricular tachycardias). Implement truly diverse perspectives and worldwide best practices from a team of contributors and editors comprised of the world's leading experts. Find information quickly and easily thanks to consistent and tightly focused chapters and a full-color design with tables, illustrations, and high-quality images.

Cardiothoracic Surgery Review covers all of the core knowledge necessary to pass the cardiothoracic boards or the cardiothoracic recertification exam. Each topic presents core information in two-to-four pages and concludes with a brief list of the most important references. The topics cover all areas in cardiothoracic surgery, including cardiac surgery, pediatric cardiac surgery, and thoracic surgery. Included with the book is a companion website featuring the fully searchable text and over 60 procedural videos. This topic-based review is ideal for anyone needing to rapidly reference an up-to-date knowledge base in cardiothoracic surgery, including cardiothoracic fellows, practitioners studying for recertification, and surgical nurses.

Access Free Key Questions In Cardiac Surgery

This text, published in the profession's centenary year, traces the history of cardiac surgery from ancient times to the present, detailing clinical developments with facsimilies of the original articles, consent forms from the first heart transplant, newspaper articles, and correspondence. The text follows a set pattern, describing the historical background to each new procedure, facsimilies of the original articles, bibliography of the main clinicians, and a commentary putting each development into its historical context.

[Copyright: 1fdfff655ae10d921b0c56f822bd9d3f](#)