KEY TOPICS IN

# CARDIAC SURGERY

S K OHRI - A TANG - L W STEPHENSON



# **Key Topics In Cardiac Surgery**

Kamen Valchanov, Nicola Jones, Charles W. Hogue

# **Key Topics In Cardiac Surgery:**

Key Topics in Cardiac Surgery Sunil K. Ohri, Augustine T.M. Tang, Larry W. Stephenson, 2004-11-29 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 **Special Topics in Cardiac Surgery** Cuneyt Narin, 2012-02-29 This book considers mainly the current perioperative care as well as progresses in new cardiac surgery technologies Perioperative strategies and new technologies in the field of cardiac surgery will continue to contribute to improvements in postoperative outcomes and enable the cardiac surgical society to optimize surgical procedures This book should prove to be a useful reference for trainees senior surgeons and nurses in cardiac surgery as well as anesthesiologists perfusionists and all the related health care workers who are involved in taking care of patients with heart disease which require surgical therapy I hope these internationally cumulative and diligent efforts will provide patients undergoing cardiac surgery with meticulous perioperative care methods Core Topics in Cardiothoracic Critical Care Andrew Klein, Alain Vuylsteke, Samer A. M. Nashef, 2008-03-13 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 Continuous monitoring makes diagnosis easy and further information can be easily obtained via a variety of diagnostic tools Core Topics in Cardiothoracic Critical Care will guide clinicians from all disciplines in the management of cardiothoracic patients demystifying the critical care unit and providing the key knowledge in a concise and accessible manner The central section is a detailed discussion of the management of each physiologic system additional sections cover admission general considerations in cardiothoracic critical care procedure specific care discharge and follow up structure and organization of the unit and ethical and legal issues All aspects of the overall care of the critically ill cardiothoracic patient are explained concisely and comprehensively by experts in the field **Core Topics in Cardiothoracic Critical** Care Kamen Valchanov, Nicola Jones, Charles W. Hoque, 2018-05-31 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 Key Questions in Cardiac Surgery Narain Moorjani, Nicola Viola, Sunil K Ohri, 2011-03-01 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 quidelines 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 **Key Questions in Cardiac Surgery,** 2nd edition Narain Moorjani, Nicola Viola, Christopher Caldarone, 2024-01-01 This is the 2nd edition of Key Questions in Cardiac Surgery which has become the must read book for all cardiac surgical practitioners and is part of the revolutionary Key Questions series of cardiothoracic surgical textbooks including Key Questions in Thoracic Surgery and Key Questions in Congenital Cardiac Surgery The 1st edition was an international bestselling cardiac surgical textbook for many years being the most popular cardiac surgical book on amazon with amazing feedback and reviews It also received a Highly Commended Award at the British Medical Association BMA Medical Book Awards and has been placed on the US Thoracic Surgery Directors Association TSDA recommended reading list for American cardiothoracic surgery residents and fellows Key Questions in Cardiac Surgery provides a systematic overview of the important topics in contemporary adult cardiac surgical practice The text is evidence based incorporating current literature and has been updated from the 1st edition with the most recent American Heart Association and European Society of Cardiology guidelines This illustrated concise text is a practical and clinically focused book that covers all the key questions in cardiac surgery Additional chapters on statistics and pulmonary embolism have been included with the main chapters having been updated describing contemporary surgical techniques and management philosophies Whilst being an ideal reference for cardiac surgical trainees and residents especially when undertaking their cardiothoracic surgery board examinations this book is also of great value to other specialties involved in the care of cardiac surgical patients including cardiologists cardiothoracic intensivists nurses and physiotherapists Here are just a few of the reviews on the 1st edition Although this book is aimed at cardiac surgical trainees and residents the authors refreshing approach of posing questions and answers as a teaching tool makes this a joy to read for someone who has been practising cardiac surgery for over 30 years It is beautifully presented with exceptionally clear

diagrams interposed with photographs a combination which works well Overall this is an exceptionally well produced book which is a delight to read and is likely to run to several more editions Professor of Cardiac Surgery Royal Brompton Hospital London UK on behalf of the British Journal of Cardiology I recommend this book for cardiac surgery trainees full fledged surgeons and also for other medical practitioners wanting a brief and precise overview into our speciality without having to pick up heavy textbooks and spend precious time searching for information Professor of Cardiac Surgery University Hospital Zurich Switzerland on behalf of the European Society of Cardiology The title of this book Key Questions in Cardiac Surgery is appropriate since it covers systematically all questions asked in examinations or during the ward round It is written in a question answer format which makes it interesting to read The illustrations are very good The diagrams have been made in such a way that they provide a surgeon s view This book is based on the guidelines issued by the American Heart Association and European Society of Cardiology and incorporates facts based on current scientific literature Each chapter has a list of key scientific references for further reading We would recommend this book as a companion for all cardiac surgery and cardiology trainees perfusionists and cardiac anaesthesiologists Overall this book provides a practical and new approach to understand adult cardiac surgery Professor of Cardiac Surgery Editor in Chief on behalf of the Indian Journal of Thoracic and Cardiovascular Surgery A wonderful book I have been looking for such a book for a very long time It gives a global view on all aspects of adult cardiac surgery with emphasis on the important points It is written in a very smooth and easy way Its size is perfect so it can be carried everywhere In my opinion it is a must have book if one is preparing for the speciality exam Junior and senior trainees will also find it helpful during their career Waterstones review it is a definite must have for all cardiac surgery trainees It not only covers practical issues but also those areas that are favourites of examiners It will also be of use to those experienced cardiac surgeons who have to take recertification exams in the US or for those who are simply looking for questions and the answers to throw out on ward rounds Amazon review What a fantastic book that covers all the important topics for everyday practice in cardiac surgery It answers all the questions asked on a ward round and also the exams and is perfect to read between cases or whilst on call The book is written in a concise structured and easy to read manner The best part of the book is its colour illustrations and the text They seem to have been drawn from a surgical perspective and beautifully illustrate the important features when operating On top of that the book has hundreds of cardiac investigations images that demonstrate all the different pathologies Amazon review Covering all aspects of cardiothoracic surgery by highlighting the most important details for sure it can be the guide for every cardiothoracic trainee Easy to read and understand perfect illustrations and full of secrets and details that only experienced surgeons would be aware off Amazon review This is an amazing book It is the only text I came across that puts all the important information in one place without having to dig around the internet or several textbooks The book is very well written with a simple question and answer style that also lends itself to reading in small segments as well as concentrated revision It comprehensively covers

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Sara-Catrin Cook, Matt Thomas, Jerry Nolan, Michael Parr, 2014-06-09 Key Clinical Topics in Critical Care offers an indispensable and practical guide for exam revision and clinical practice Written and edited by specialists with a wealth of clinical experience this book provides rapid access to core topics in critical care Each topic is written in a concise and easy to digest format making this book the essential resource for exam revision and quick reference at the point of care Over 100 topics presented in alpha order from acute coronary syndrome to weaning from ventilation Succinct coverage of clinical features diagnosis treatment and complications Effective exam revision for FRCA FFICM and EDIC candidates Includes clinical photos and diagrams to improve understanding of key concepts Contributions from experienced specialists to ensure authoritative accurate content Key Topics in Critical Care, Second Edition T. M. Craft, M. J. A. Parr, Jerry P. Nolan, 2004-11-10 High quality critical care medicine is a crucial component of advanced health care Completely revised and updated Key Topics in Critical Care Second Edition provides a broad knowledge base in the major areas of critical care enabling readers to rapidly acquire an understanding of the principles and practice of this area of modern clinical medicine Expanded to include the latest hot topics the new edition puts an increased emphasis on recent reviews and contains added references to key landmark papers Using the trademark Key Topics style each topic has been written by an expert in the field and includes a succinct overview of the subject with references to current publications for further reading The book provides a framework for candidates of postgraduate medical examinations such as FRCS MRCP and FRCA and a reference that can be consulted in emergency situations New topics include Critical illness polyneuromyopathy End of life care Inotropes and vasopressors Medical emergency team outreach critical care Status epilepticus Venous thromboembolism in Congenital Cardiac Surgery Narain Moorjani, Nicola Viola, Christopher Caldarone, 2022-05-01 Following on from the success of the international bestseller Key Questions in Cardiac Surgery the long awaited Key Questions in Congenital Cardiac Surgery is the latest book in the Key Questions series to be released Key Questions in Congenital Cardiac Surgerysystematically covers all the main topics involved in the current practice of a congenital cardiac surgeon incorporating 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 is structured to include the etiology pathophysiology clinical features indications for surgery peri operative management surgical options and postoperative care Possible complications are discussed and the results of current practice presented Importantly 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 are included Each chapter also contains 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 provides residents fellows and specialist registrars the necessary information to carry

out their daily duties Congenital cardiologists and pediatric cardiac intensive care unit specialists 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 the book helps 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 Pediatric Cardiac Surgery Constantine Mavroudis, Carl L. Backer, 2013-02-04 Pediatric cardiac surgery is a dynamic fast moving field Busy practitioners like you need clear and comprehensive guidance you can rely on to ensure optimal patient care For over 25 years Pediatric Cardiac Surgery has been the gold standard reference for pediatric and adult congenital heart surgeons pediatric and congenital cardiologists intensivists anesthesiologists residents and nurses Now in this thoroughly revised fourth edition you again get trusted complete coverage of the field with timely new features and expert reviews of critical topics including heart transplantation emerging modalities for diagnosing congenital heart and tracheal defects the surgical technique of Fontan conversion with arrhythmia surgery the medical challenges of managing adult CHD patients and more This new edition includes Contributions from over 65 world renowned experts More beautiful illustrations by renowned medical illustrator Rachid Idriss which have brought acclaim to previous editions Reviews of the embryology physical findings diagnostic criteria and therapeutic choices for each disease entity and describes the latest in surgical techniques in each chapter All new chapters that guide readers through new treatment options and other key developments since the publication of the third edition highlighting recent advances in congenital heart surgery All new new chapters that review advances in right ventricular to pulmonary artery conduits arrhythmia surgery double outlet ventricles and adult congenital heart disease Key Topics in Surgical Research and Methodology Thanos Athanasiou, H. Debas, Ara among other key topics Darzi, 2010-02-28 Key Topics in Surgical Research and Methodology represents a comprehensive reference text accessible to the surgeon embarking on an academic career Key themes emphasize and summarize the text Four key elements are covered i e Surgical Research Research Methodology Practical Problems and Solutions on Research as well as Recent Developments and Future Prospects in Surgical Research and Practice Nursing Key Topics Review: Pediatrics - E-Book Elsevier Inc,2016-09-07 Study efficiently with Nursing Key Topics Review Pediatrics This quick review and accompanying mobile web app focus on the most critical practical and relevant maternal nursing information to prepare you for success on course exams Concise coverage includes topics from physical assessment and family centered care to laboratory tests nursing

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perioperative period via short up to date chapters each giving a comprehensive account of the subject and its relevance to perioperative medicine Johns Hopkins Manual of Cardiothoracic Surgery David Daiho Yuh, Luca A. Vricella, William Baumgartner, 2012-09-01 The most up to date comprehensives single volume guide to adult congenital and general cardiothoracic surgery from many of the foremost experts in the field Developed by authorities from leading edge cardiothoracic surgical training programs this much needed reference succinctly reviews a wide range of important topics in cardiothoracic surgery The Johns Hopkins Manual of Cardiothoracic Surgery is especially timely given the recent development of many new scientific findings and emerging technologies You ll find it filled with precise information on surgical techniques and pre and postoperative strategies for managing cardiothoracic disease In this time saving sourcebook you ll get 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 format featuring focused tables and outline formatted bullets along with step by step explanations of the most complex operations Features Thorough coverage of all major areas of cardiothoracic surgery perfect for cardiothoracic surgery fellows getting ready for Board review exams oral and written and cardiothoracic surgeons preparing for Board certification or recertification Skill building perspectives on open minimally invasive and endovascular surgical procedures complete with relevant surgical anatomy Indications and techniques for heart and lung transplantation Balanced detailed presentation of both pediatric and adult patient care issues Innovative chapters on surgical ventricular remodeling endovascular repair of thoracic aortic pathologies correction of complex congenital defects and thoracic oncology that reflect the most promising new surgical technologies Key Concepts boxes throughout focus on important take home messages of chapter topics Expert authorship with most chapters written by current or past faculty and trainees from The John Hopkins Hospital **Key Topics in** Anesthesia Timothy M. Craft, Paul M. Upton, Douglas G. Martz, 1995

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