

Key Questions in CARDIAC SURGERY



2nd edition

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Key Questions In Cardiac Surgery

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Key Questions In Cardiac Surgery:

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 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 *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 the basic sciences cardiac investigations cardiopulmonary bypass cardiac surgical diseases and the post operative management of these patients It answers all the questions that are asked in the operating room on rounds or in an oral examination Unlike other revision texts this book has an amazing array of colour images both illustrations and real radiology cardiology investigations which help to explain the key concepts Surgical anatomy and technique is clearly demonstrated The book also has a fantastic collection of all the seminal publications important for contemporary cardiac practice especially in the coronary artery disease and heart failure chapters It also includes all the up to date American and European guidelines including the recently published ESC coronary revascularisation recommendations Amazon review *Key Questions in Congenital Cardiac Surgery* Narain Moorjani,Nicola Viola,Christopher A. Caldarone,2022 **Key Questions 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 Surgery* systematically 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 **Key Questions in**

Surgical Critical Care Robert U. Ashford, T. Neal Evans, R. Andrew Archbold, 2002-01-12 A companion to Surgical Critical Care split into two main sections multiple choice questions and viva topics

Cardiac Surgery Narain Moorjani, Sunil K Ohri, Andrew Wechsler, 2013-12-17 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

Cardiothoracic Manual for Perioperative Practitioners Dr Bhuvaneswari Krishnamoorthy, 2020-02-03 Cardiothoracic surgery is constantly evolving in many aspects and there are many text books exist to fulfil the gap of new evidences Most of these books are written for surgeons anaesthetist and there is a significant deficit in many important areas which are explored in this book It is aimed for all perioperative practitioners such as surgical care practitioners surgical cardiothoracic trainees anaesthetic trainees anaesthetic practitioners recovery practitioners ward advanced nurse practitioners and perfusionists It is very important for the perioperative practitioner who wants to start their career in cardiothoracic surgery to understand the step by step surgical procedure is vital Cardiothoracic Manual for Perioperative Practitioners is devoted to delivering comprehensive coverage of all aspects of cardiothoracic surgery with emphasis on the roles and importance of the full theatre team Details are provided throughout initial theatre set up and surgical instrumentation selection A step by step walk through of routine surgical procedures cardiopulmonary bypass guidance investigations undertaken during the intraoperative period and a detailed background of surgical anatomy is provided The book also covers essential aspects associated with recovery of the patient and the common pit falls in surgery and recovery and how these can be avoided The structure and organisation of the theatre environment ethical and legal issues preventive and protective measures and the importance of swab counts are explained succinctly and systematically by experts in this field The reader will have reliable and complete guidance to provide all the knowledge required to be ready to work in the theatre environment Each chapter contains important references for further reading and greater in depth study All chapters are written by an experienced practising surgeons anaesthetists and practitioners Contents Health care professional roles within the operating room Ethical implications in perioperative area Cardiothoracic theatre set up Cardiac and thoracic anatomy Preoperative assessment in cardiothoracic surgery Coronary artery disease and coronary surgery Aortic valve disease and aortic valve surgery Mitral valve disease and mitral valve surgery Cardiopulmonary bypass Surgery for aortic root disease Thoracic surgery Cardiothoracic critical unit postoperative care Responsibilities of the post anaesthetic care unit practitioners and enhanced recovery Overview of advanced practice in cardiothoracic surgery Step by step cardiac surgical procedure with instrumentation

Cardiac Anesthesia: A Problem Based Learning Approach Mohammed Minhaj, Magdalena Anitescu, 2019-05-09 Cardiac Anesthesia A Problem Based Learning Approach provides a comprehensive review of the dynamic and ever changing field of cardiac anesthesia Its problem based format incorporates a

pool of multiple choice questions for self assessment Each of its 36 case based chapters is accompanied by questions and answers accessible online in a full practice exam The cases presented are also unique as each chapter starts with a case description usually a compilation of several actual cases it then branches out through case based questions to increasingly complex situations This structure is designed to create an authentic experience that mirrors that of an oral board examination The discussion sections that follow offer a comprehensive approach to the chapter s subject matter thus creating a modern complete and up to date medical review of that topic

Critical Care Taylor Johnston, Steven Miller, Joseph Rumley, 2022-05-27 Critical Care A Problem Based Learning Approach provides a comprehensive review of the dynamic and ever changing field of critical care Its problem based format incorporates a vast pool of practical ABA board exam style multiple choice questions for self assessment and is an ideal resource for exam preparation as well as ongoing clinical education among trainees and clinicians Each of its 35 case based chapters is accompanied by questions and answers accessible online in a full practice exam The cases presented are unique as each chapter begins with a case description usually a compilation of several actual cases it then branches out through case based questions to increasingly complex situations This structure is designed to create an authentic experience that mirrors that of working through the nuances of a complicated clinical scenario The discussion sections that follow offer a comprehensive approach to the chapter s subject matter thus creating a modern complete and up to date medical review of that topic

Bedside Critical Care Manual 3rd Edition Volume II Edward D. Chan, Lance S. Terada, John B. Kortbeek, Brent W. Winston, 2018-06-15 A practical manual for clinicians in the care of critically ill patients This volume covers nephrology neurology obstetrics care pain agitation and delirium perioperative assessment procedures pulmonology radiology and toxicology

[Advanced Health Assessment & Clinical Diagnosis in Primary Care - E-Book](#) Joyce E. Dains, Linda Ciofu Baumann, Pamela Scheibel, 2012-10-12 Take your understanding to a whole new level with Pageburst digital books on VitalSource Easy to use interactive features let you make highlights share notes run instant topic searches and so much more Best of all with Pageburst you get flexible online offline and mobile access to all your digital books Designed for advanced practice nurses and advanced practice nursing students as well as Physician s Assistant students and practitioners Advanced Health Assessment Focused Physical Examination Laboratory and Diagnostic Studies and Differential Diagnosis Those who master the diagnostic reasoning process in this text will be able to accurately diagnose the majority of conditions they will see in clinical practice Easy to follow format with consistent organization improves your ability to understand and accurately perform the different elements of the diagnostic reasoning process Focused History sections walk you through the thinking process involved in obtaining a pertinent relevant problem specific history that will assist in differential diagnosis Key Questions highlight what questions to ask the patient followed by an explanation of what the patient s responses might signify to guide you toward an accurate assessment and precise diagnosis Focused Physical Examination sections explain how to conduct more advanced diagnostic techniques and

offer interpretations of the findings Laboratory and Diagnostic Studies sections give a brief outline of what types of laboratory or diagnostic studies would be appropriate for the chief complaint or suspected diagnosis Differential Diagnosis sections contain the most common differential diagnoses for each chief complaint and summarize the history and physical examination findings along with the laboratory and diagnostic studies indicated Differential Diagnosis tables offer an at a glance summary of possible diagnoses Reordered table of contents organized alphabetically by patient problem rather than by body system simplifies and accelerates information retrieval A list of chapters by body system is also included for reference Three new chapters Chapter 23 Palpitations Chapter 36 Weight Loss Gain Unintentional Chapter 38 The Abdominal X ray Additional Evidence Based Practice boxes provide additional research based tips on conducting the most effective exams for more accurate diagnoses

Advanced Health Assessment & Clinical Diagnosis in Primary Care Joyce E. Dains, Linda Ciofu Baumann, Pamela Scheibel, 2012-01-01 Designed for advanced practice nurses and advanced practice nursing students as well as Physician s Assistant students and practitioners Advanced Health Assessment Focused Physical Examination Laboratory and Diagnostic Studies and Differential Diagnosis Those who master the diagnostic reasoning process in this text will be able to accurately diagnose the majority of conditions they will see in clinical practice Easy to follow format with consistent organization improves your ability to understand and accurately perform the different elements of the diagnostic reasoning process Focused History sections walk you through the thinking process involved in obtaining a pertinent relevant problem specific history that will assist in differential diagnosis Key Questions highlight what questions to ask the patient followed by an explanation of what the patient s responses might signify to guide you toward an accurate assessment and precise diagnosis Focused Physical Examination sections explain how to conduct more advanced diagnostic techniques and offer interpretations of the findings Laboratory and Diagnostic Studies sections give a brief outline of what types of laboratory or diagnostic studies would be appropriate for the chief complaint or suspected diagnosis Differential Diagnosis sections contain the most common differential diagnoses for each chief complaint and summarize the history and physical examination findings along with the laboratory and diagnostic studies indicated Differential Diagnosis tables offer an at a glance summary of possible diagnoses Reordered table of contents organized alphabetically by patient problem rather than by body system simplifies and accelerates information retrieval A list of chapters by body system is also included for reference Three new chapters Chapter 23 Palpitations Chapter 36 Weight Loss Gain Unintentional Chapter 38 The Abdominal X ray Additional Evidence Based Practice boxes provide additional research based tips on conducting the most effective exams for more accurate diagnoses

Clinical Pediatric Anesthesia Kenneth Goldschneider, Andrew Davidson, Eric Wittkugel, Adam Skinner, 2012-03-16 Through 71 case presentations Clinical Pediatric Anesthesia covers the field of pediatric anesthesiology with a practical point of care approach Each concisely written case is organized by introduction learning objectives case presentation discussion summary annotated references and further reading In a style

akin to the oral board examinations discussions are framed as questions and answers to encourage thorough analysis and understanding by the reader Key words are highlighted to emphasize important points and annotated references allow for further exploration of topics Multiple approaches often exist for the care of children in any given situation so various options are discussed when appropriate with advantages and disadvantages closely examined Since questions posed by real life clinical situations call for active thinking this case based book promotes the same evaluation and decision making skills required of the pediatric anesthesia clinician

Perioperative Medicine Associate Professor Deborah C Richman, Debra Pulley, Associate Professor Adriana D Oprea, 2024 The seventh volume in the Anesthesiology Problem Based Learning Approach series Perioperative Medicine provides an up to date and comprehensive review of the perioperative medicine specialty

National Program Coordination: Directory of federally supported research projects in heart and blood vessel diseases (FY 1979), 1981

Textbook of Pulmonary and Critical Care Medicine SK Jindal, 2017-07-17 The second edition of the comprehensive two volume set brings respiratory medicine specialists fully up to date with the latest advances and information in their field Beginning with an introduction to lung development and physiology of the respiratory system the next chapters discuss pharmacology symptoms and respiratory diagnosis Each of the following sections is dedicated to a specific type of respiratory disease or infection further divided to provide in depth detail on every aspect of the topic The text also explains how each respiratory disorder may be associated with other medical specialties such as critical care cardiology sleep medicine and infectious diseases This two volume set features numerous pulmonary radiographs including CT nuclear images bronchoscopy and thoracoscopy as well as tables and diagrams to enhance learning Key Points Fully updated new edition of two volume set providing latest advances in pulmonary and critical care medicine Covers numerous respiratory diseases and infections and their comorbidity with other medical specialties Highly illustrated with radiographic images tables and diagrams Previous edition 9789350250730 published in 2011

200 Practice Questions in Cardiothoracic Surgery Shahzad G. Raja, 2015 200 Practice Questions in Cardiothoracic Surgery is a revision and learning aid that contains the 200 single best question and answer topics in Cardiothoracic Surgery Questions cover topics that are particularly important from a specialty examination perspective Detailed answers are included to further enhance knowledge and understanding Authored by an experienced clinician lecturer and author Dr Shahzad G Raja this book understands which questions candidates find most challenging and offers a lifeline to those in particular who must revisit the subject for their specialty exams in Cardiothoracic Surgery It responds directly to the increasing use of SBAs as an examination style in postgraduate examinations Questions integrate relevant basic science and pathology with clinical Cardiothoracic Surgery Realistic case based questions cover important pathologies Multi dimensional questions encourage problem solving helping candidates connect together multiple pieces of information as clinicians do with real patients The book provides detailed explanations for each correct answer Challenging questions enhance preparation for harder exam questions This book should

be part of the armoury of every specialty exam candidate in Cardiothoracic Surgery as well as a resource for residents in Cardiothoracic Surgery

Evidence-based Anaesthesia and Intensive Care Ann Møller, Tom Pedersen, 2006-10-09 A comprehensive 2006 volume on the theories and applications of evidence based anaesthesia and critical care Coming from the internationally renowned Cochrane Collaboration the global force in evidence based medicine this promises to be an authoritative guide for anaesthetists The Cochrane Anaesthesia Review Group is one of the largest in the collaboration and as coordinators of the group the editors of this book have gathered a formidable set of contributions from around the world The first half of the book provides an introduction to evidence based medicine and applies the principles to anaesthesia and critical care including critical appraisal meta analysis interpreting results and controlling bias The second half shows how to practise this in preoperative evaluation regional and general anaesthesia postoperative pain therapy critical care and acute medicine Medical professionals working in anaesthesia and surrounding specialties worldwide will find this book immensely useful

Cardiopulmonary Bypass Kaan Kırallı, Joseph S. Coselli, Afksendiyos Kalangos, 2022-11-30 *Cardiopulmonary Bypass Advancements in Extracorporeal Life Support* provides comprehensive coverage on the technological developments and clinical applications of extracorporeal technologies including the underlying basic science and the latest clinical advances in the field Written by experts around the world this book comprises all characteristics of cardiopulmonary bypass as well as chapters regarding equipment physiology and pathology pediatric aspects and clinical applications Important highlights include the latest updates regarding minimal invasive cardiopulmonary bypass MICPB extracorporeal circulatory and respiratory support ECCRS in cardiac and non cardiac patients ECMO support in COVID 19 and updated guidelines of extracorporeal technologies This book is an invaluable resource to clinicians researchers and medical students in the fields of cardiothoracic surgery cardiac anesthesiology intensive care and perfusion technology Offers comprehensive and cutting edge knowledge of cardiopulmonary bypass and extracorporeal life support during surgery and non surgical situations Discusses basic science principles along with practical clinical applications Includes content from authors who are well known experts in the field and whose authoritative contributions are invaluable for early career and experienced practitioners alike

Diagnosis and Management of Adult Congenital Heart Disease E-Book Michael A. Gatzoulis, Gary D. Webb, Piers E. F. Daubeney, 2017-02-02 Designed to meet the needs of clinicians working with adults with congenital heart disease *Diagnosis and Management of Adult Congenital Heart Disease* by Drs Michael A Gatzoulis Gary D Webb and Piers E F Daubeney offers essential guidance on the anatomical issues clinical presentation diagnosis and treatment options available to practitioners today This latest edition features completely updated content including new information for nurses and nurse practitioners who now more than ever are playing an important role in the care of adults with CHD You ll also access four new chapters illustrated congenital defects coverage of long term outcomes and much more Drs Gatzoulis Webb and Daubeney lead a team of experts ideally positioned to provide state of the art global coverage of this

increasingly important topic Each disease oriented chapter is written to a highly structured template and provides key information on incidence genetics morphology presentation investigation and imaging and treatment and intervention Congenital defects are illustrated with full color line drawings and by the appropriate imaging modality for example EKG x ray echocardiogram MRI CT Provides coverage of long term outcomes including the management of pregnant patients and patients undergoing non cardiac surgery Features the addition of four new chapters A Historic Perspective Quality of Life in Patients with Pulmonary Hypertension Psychosocial Issues in ACHD Supportive and Palliative Care for End Stage ACHD

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