

Cardiothoracic Surgery Mcq

A perfect and portable way to succeed on your surgery rotation and the shelf exam Surgery: PreTest Self-Assessment & Review is a targeted way to prepare for the surgery clerkship. You'll find hundreds of questions that cover the content you'll encounter on the actual shelf exam. The range of question topics covers the clerkship's core competencies and each question includes high yield explanations of both correct and incorrect answers. All questions have been reviewed by students who successfully completed their clerkship to ensure that topics and questions align with directly with today's surgery clerkships.

- Hundreds of questions just like you'll see on the shelf exam
- High yield explanations for right and wrong answers
- Targets what you really need to know for clerkship success
- Updated to include all relevant advances in the surgery field
- Student tested and reviewed

Cardiopulmonary Bypass, 2nd edition, offers a complete introduction to this specialist technique for medical and technical personnel involved in extracorporeal cardiopulmonary support. A clinically based overview of the subject is provided and updated chapters incorporate the most current developments in the field. Introductory chapters cover equipment and preparation of the cardiopulmonary bypass machine, safety and monitoring, routine conduct of bypass, and the process of weaning from mechanical to physiological circulation. Specialist chapters on mechanical support, ECMO, special surgical procedures, blood conservation techniques, and particular medical conditions that affect the conduct of cardiopulmonary bypass are also included. This new edition includes self-assessment multiple choice questions at the end of each chapter, allowing readers to test their own understanding of the material. Written and edited by specialists from leading cardiac centres in the UK and USA, this is an invaluable resource for clinical perfusion scientists, cardiac surgeons and cardiothoracic anaesthetists in training.

This comprehensive guide is a complete revision tool for trainees preparing for examinations in cardiac anaesthesia. Presented in a question and answer format, the book covers all aspects of the subject, from traditional topics such as drugs for cardiovascular diseases, to congenital heart disease, embryology, and rheumatic problems with valves. Section two provides in depth coverage of echocardiography, with each chapter offering detailed explanations of the correct answers to assist understanding. The final chapter in this section is based on the accompanying DVD ROM of 70 echocardiography and echocardiogram videos. The final section presents 250 questions on important topics such as critical care and infection control. Key points Complete revision tool for trainees preparing for cardiac anaesthesia examinations Presented in question and answer format, with detailed explanations of answers Includes chapter based on accompanying DVD ROM of 70 echocardiography videos More than 330 images, diagrams, tables and figures

The single best answer format of questions is invaluable in assessing a trainee's clinical skills and problem-solving abilities. It allows the trainee to demonstrate application of their knowledge to clinical practice. This book comprises six sets of practice papers. Each set contains 30 single best answer questions which cover topics including clinical anaesthesia, pain and intensive care. The questions are based on the recent changes introduced to the written part of the final FRCA examination. The best possible answer to a given clinical scenario is substantiated by a detailed explanation drawn from recent review articles and textbooks in clinical anaesthesia. These questions will enable candidates to assess their clinical knowledge and skills in problem-solving, data interpretation and decision making. This book is essential study material for candidates sitting postgraduate examinations in anaesthesia and intensive care medicine. It is not only an essential guide for trainees but also an invaluable educational resource for all anaesthetists.

Critical Care MCQs is the perfect companion for anyone sitting exams in intensive care, as a training resource or just wanting to improve their knowledge in this constantly developing area of medical practice. Written by critical care doctors with experience of UK and European examination formats, this book leads the reader through 450 true/false questions with referenced explanations, covering core syllabus topics and key influential papers to date. A detailed list of further resources and recommendations relevant to critical care revision is also provided to enable readers to further their knowledge and understanding. It is hoped that this book will prove invaluable for preparation and success in upcoming intensive care exams for both candidates and trainers. This book would be useful for not only candidates sitting the UK Final Fellowship of Intensive Care Medicine (FFICM) and European Diploma of Intensive Care (EDIC) exams, but also the Indian Diploma in Critical Care Medicine (IDCCM), the Diploma of the Irish Board of Intensive Care Medicine (DIBICM), the Australia and New Zealand Fellowship of the College of Intensive Care Medicine (CICM), American Board and any other country-related intensive care exams.

This new edition has been fully revised to provide trainees with the latest advances and technologies in cardiac anaesthesia and cardiac critical care. Divided into three sections, the book begins with discussion on cardiovascular anaesthesia, covering preoperative assessment and management, antiarrhythmic drugs, anaesthesia for surgery, paediatric cardiology, and more. The second section describes the use of echocardiography for numerous cardiac disorders, enhanced by formulas, schematic diagrams, and videos. The final chapter in this section features MCQs based on videos from the accompanying DVD ROM. Section three covers extracorporeal membrane oxygenation and critical care, and includes Michigan-based Extracorporeal Life Support Organisation (ELSO) guidelines. Key points Fully revised, second edition providing trainees with latest advances in cardiac anaesthesia and cardiac critical care Includes MCQs based on accompanying DVD ROM videos Covers ELSO guidelines Previous edition (9789350906590) published in 2013

The Neurology of Eye Movements provides clinicians with a synthesis of current scientific information that can be applied to the diagnosis and treatment of disorders of ocular motility. Basic scientists will also benefit from descriptions of how data from anatomical, electrophysiological, pharmacological, and imaging studies can be directly applied to the study of disease. By critically reviewing such basic studies, the authors build a conceptual framework that can be applied to the interpretation of abnormal ocular motor behavior at the bedside. These syntheses are summarized in displays, new figures, schematics and tables. Early chapters discuss the visual need and neural basis for each functional class of eye movements. Two large chapters deal with the evaluation of double vision and systematically evaluate how many disorders of the central nervous system affect eye movements. This edition has been extensively rewritten, and contains many new figures and an up-to-date section on the treatment of abnormal eye movements such as nystagmus. A major innovation has been the development of an option to read the book from a compact disc, make use of hypertext links (which bridge basic science to clinical issues), and view the major disorders of eye movements in over 60 video clips. This volume will provide pertinent, up-to-date information to neurologists, neuroscientists, ophthalmologists, visual scientists, otalaryngologists, optometrists, biomedical engineers, and psychologists.

Companion volume to: Mayo Clinic internal medicine board review. 10th ed. c2013.

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.

Written specifically for those candidates about to sit for the FRCR part II examination, the format will also be of use to other trainee radiologists who are not specialists in this field. It contains a number of multiple choice questions covering all aspects of nuclear medicine with particular emphasis on the more common techniques, ie bone, renal and lung scanning. Extensive use is made of review articles, and important articles in the major nuclear medicine journals and references are provided.

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.

As the first revision text aimed specifically at the Knowledge-Based Assessment, Essential Revision Notes for Cardiology KBA is the cornerstone of your revision for this new and compulsory examination. Each chapter exactly maps the core cardiology training curriculum, giving measurable assurance that you are getting the information you need to pass. Each chapter is written by a senior cardiology trainee in collaboration with a senior consultant who has expertise in that specific field, ensuring that the content is both authoritative and accessible. Drawing on the latest guidelines and documents, the concise, bullet-pointed layout allows easy access to and digestion of the key points you'll need during revision. Numerous tables, boxes and figures make this the ideal accompaniment to retaining the large and varied amount of information needed to pass the examination.

A complete guide to passing surgical finals

Is surgery required? Is the patient effectively communicating symptoms to make the correct clinical diagnosis? Clinical Problems in Surgery, 3rd Edition supports medical students in applying clinical reasoning to problems they encounter in a clinical setup. Individual chapters are dedicated to specific regions of the body where surgeons encounter most of the problems. The content structure follows the logical step-by-step process of introducing a clinical problem; seeking history and conducting physical examination; diagnosing the patient and devising a treatment plan based on this informed diagnosis. Each chapter discusses the clinical presentations with which surgeons are most commonly faced. Each chapter is dedicated to a range of such problems within a particular region of the body. Incorporation of the latest RACS guidelines on surgery A new Chapter 14, titled Ophthalmological Problems, expands the latest advancements in surgical treatments of such problems. Many line drawings from the previous edition have been replaced with clinical photos to emphasise real-life clinical scenarios which surgeons encounter on a daily basis. This edition will be available as a Student Consult eBook along with the print book. The eBook will include enhancements to the images within the book, as enabled by the Inking platform.

Features four practice papers offering students exam-like revision of the undergraduate medical syllabus. Each paper contains a section of 'best of five' questions with clinical vignettes. This book includes tips and advice on how to approach the Finals.

MCQs in Cardiothoracic Surgery Trafford Publishing

Surgery: A Case Based Clinical Review provides the reader with a comprehensive understanding of surgical diseases in one easy to use reference that combines multiple teaching formats. The book begins using a case based approach. The cases presented cover the diseases most commonly encountered on a surgical rotation. The cases are designed to provide the reader with the classic findings on history and physical examination. The case presentation is followed by a series of short questions and answers, designed to provide further understanding of the important aspects of the history, physical examination, differential diagnosis, diagnostic work-up and management, as well as questions that may arise on surgical rounds. Key figures and tables visually reinforce the important elements of the disease process. A brief algorithmic flow chart is provided so the reader can quickly understand the optimal management approach. Two additional special sections further strengthen the student's comprehension. The first section covers areas of controversy in the diagnosis or management of each disease, and another section discusses pitfalls to avoid, where the inexperienced clinician might get in trouble. The text concludes with a series of multiple choice questions in a surgery shelf/USMLE format with robust explanations. Surgery: A Case Based Clinical Review is based on 20 years of Socratic medical student teaching by a nine-time Golden Apple teaching awardee from the UCLA School of Medicine and will be of great utility for medical students when they rotate on surgery, interns, physician assistant students, nursing students and nurse practitioner students.

This text has been designed as a supplement to the Textbook of Surgery to assist readers in their preparation for examinations and to test their knowledge of the principles and practice of surgery. There are two types of Multiple Choice Questions: Type A and Type X. Type A have a single best response from five alternatives and are designed to test

judgmental ability. Type X questions contain a stem with suggested answers that are either true or false and are designed to test factual knowledge and its application. The text is set out in three sections, the first containing Type A questions, the second containing Type X questions and the third containing short answer questions that emphasize clinical management problems. In each section, the questions are presented in the sequence used in Textbook of Surgery. The number of questions for each general topic relate to the relative importance ascribed to each topic in order to provide balance. The answers are accompanied by a reference to the chapter(s) in the Textbook of Surgery where the information required to answer the specific question is presented.

Preparing to Pass the FRCA: Strategies for Exam Success equips you with the skills of effective revision and time management to maximise your success. The book takes each element of the FRCA exam and provides tips and techniques on how to approach the different types of questions, and includes worked examples with answers, so that you can undertake your revision accordingly. It will help you to target your revision so you can cover the breadth of topics in the FRCA syllabus and ensure that you structure your revision in an efficient way, as well as helping you to approach the exam and convey your knowledge through writing or speech correctly. Taking many common problems candidates face when preparing for this exam, the book covers motivation, effective studying, managing nerves, and scheduling time to study amongst other commitments.

This book comprises six sets of single best answer practice papers. Each set contains 30 single best answer questions on physiology, pharmacology, clinical measurement and physics. The scenarios are based on the application of a wide knowledge of basic sciences relevant to the clinical practice of anaesthesia. The best possible answer to a given question is substantiated by detailed explanation drawn from recent journal articles and textbooks of anaesthesia and basic sciences. These questions enable the candidates to assess their knowledge in basic sciences and their ability to apply it to clinical practice. Alongside the previously published book Single Best Answer MCQs in Anaesthesia (Volume I - Clinical Anaesthesia, ISBN 978-1-903378-75-5), this book is an ideal companion for candidates sitting postgraduate examinations in anaesthesia, intensive care medicine, and pain management. It will also be a valuable educational resource for all trainees and practising anaesthetists.

The EHRA Book of Interventional Electrophysiology is the second official textbook of European Heart Rhythm Association (EHRA). Using clinical cases to encourage practical learning, this book assists electrophysiologists and device specialists in tackling both common and unusual situations that they may encounter during daily practice. Richly illustrated, and covering electrophysiological procedures for supra-ventricular and ventricular arrhythmias, the book enables specialists to deepen their understanding of complex concepts and techniques. Tracings, covering supra-ventricular and ventricular arrhythmias, are presented with multiple-choice questions to allow readers to hone their skills for interpreting challenging cases and to prepare for the EHRA certification exam in electrophysiology. Cases include Orthodromic AVRT, PV Isolation, VT ablation, and Atypical left atrial flutter to name a few. The EHRA Book of Interventional Electrophysiology is a wide-ranging, practical case-book, written by leading experts in the field and edited by members of the EHRA education committee: an essential companion for electrophysiologists and trainees alike.

Transoesophageal Echocardiography (TOE/TEE) in cardiac patients is now almost routine. Its use in cardiac monitoring has also extended to include critically ill patients for non-cardiac surgery and the intensive care setting. Specific accreditation is required prior to practice of TOE/TEE involving a written examination and a documented logbook of experience. This book was specifically designed to help candidates pass the written exam and was structured around the syllabus. Providing a summary of all relevant information, this is an invaluable study aid. Lists of further reading material are provided with every topic, including guidelines and safety, cardiomyopathies, heart disease, haemodynamic calculations and many more. Each chapter ends with a series of exam-style questions for self-assessment. An extremely useful book for trainee anaesthetists, intensivists, trainee cardiologists and cardiac surgeons.

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

Helps candidates pass the new MRCS Part A exam. This book contains 4 complete practice papers, each featuring over 120 best of five questions, mirroring the format of the exam. It features questions which reflect the balance of topics covered in the actual exam. It includes explanations to every question to aid revision within the MRCS syllabus.

An essential companion for both the aspiring and practising electrophysiologist, The EHRA Book of Pacemaker, ICD and CRT Troubleshooting assists device specialists in tackling both common and unusual situations that they may encounter during daily practice. Taking a case-based approach, it examines pacemakers, implantable cardioverter defibrillators and cardiac resynchronisation therapy. Much more than just a technical manual of device algorithms, the cases help readers to consolidate their technical knowledge, and improve their reasoning and observation skills so they are able to tackle device troubleshooting with confidence. The 70 cases are arranged in three sections by increasing levels of difficulty to walk readers through all the skills and knowledge they need in an easy to use and structured format. Each case contains a short clinical description and a device tracing followed by a multiple choice question. Answers are supplied with detailed annotations of the tracing and an in-depth discussion of the

case, highlighting practical hints and tips as well as providing an overview of the technical function of devices. A useful summary of principal device features and functions is also included. The EHRA Book of Pacemaker, ICD and CRT Troubleshooting is the perfect companion for electrophysiologists, cardiology trainees and technical consultants working with device patients as well as for those studying for the EHRA accreditation exam in cardiac pacing.

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.

With over 1000 essential questions, MCQs and EMQs in Surgery is the ideal self-assessment companion guide to Bailey & Love's Short Practice in Surgery, 26th edition. The book assists trainee surgeons as they prepare for examinations and enables them to test their knowledge of the principles and practice of surgery as outlined in Bailey & Lo. This new textbook of critical care is aimed primarily at specialist readership (specialist registrars and consultants in critical care, anaesthesia or any acute specialty) but will be of considerable interest to nurses and other allied health professionals caring for these patients. This book should be found on the desktop of every Intensive Care Unit, High Dependency Unit, acute medical or surgical ward or Accident & Emergency department. Indeed it is relevant and important to every practicing clinician or nurse who looks after acutely sick patients around the world. It offers, as its key feature, ease of access to up-to-date evidence-based information regarding the management of commonly encountered conditions, techniques and problems.

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

Anaesthesia at a Glance is a brand new title that provides a concise and visually-orientated summary of a comprehensive lecture course in anaesthesia. Ideal for clinical undergraduate medical students and Foundation Programme doctors undertaking anaesthesia attachments, it gives a systematic, broad view of anaesthesia in various specialties, taking the reader through preparation, management and the pharmacology behind anaesthetic medicine. Anaesthesia at a Glance is supported by a companion website at www.ataglanceseries.com/anaesthesia containing interactive multiple-choice questions and answers together with a selection of interactive cases – perfect for study and revision. Whether you want to refresh your knowledge or need a thorough overview of the specialty, Anaesthesia at a Glance presents all the vital clinical information you need.

Rush University Medical Center Review of Surgery, edited by Drs. Velasco, Bines, Deziel, Millikan, McCarthy, Prinz, and Saclarides, gives you a concise yet comprehensive review of both general surgery and surgical subspecialties in a user-friendly question-and-answer format that mimics actual exams. Thoroughly revised, this 5th edition adds new chapters and updates existing chapters with the latest surgical techniques and practices, plus an increased emphasis on ethics, while maintaining its broad review of surgical topics to provide wide-ranging and complete coverage of the information most important to you. More than 1,500 peer-reviewed questions mirror standardized test blueprints provide a realistic simulation of the actual test-taking experience so you can become accustomed to the exam interface. In print and online at www.expertconsult.com, the Rush

University Review is perfect for residents in training, surgeons preparing for certification or recertification exams, and experienced clinicians wishing to keep abreast of current practices and recent advances. Challenge your knowledge with more than 1,500 review questions, with answers and rationales, that cover the full range of topics in general and subspecialty surgery - all the information you need to prepare for certification and recertification or stay current with new advances. Get a realistic simulation of the actual exam with questions that mimic standardized tests and prepare you for board and ABSITE exams. Understand the rationale behind the answers to each question with clear, illustrated explanations from Elsevier's trusted surgical references including Cameron's Current Surgical Therapy. Access the fully searchable text online at www.expertconsult.com, along with hyperlinked references, illustrations, self-assessment tools, and more. Master the latest need-to-know information in your field with abundant new chapters and updates throughout reflecting the latest surgical techniques and practices, as well as an increased emphasis on ethics to help you prepare for this increasingly important aspect of the boards. The perfect review for preparing for the boards, certification and recertification.

Providing a clear explanation of the relevant medical science behind the individual medical specialties, Basic Science for Core Medical Training and the MRCP, is an indispensable part of a candidate's MRCP preparation. Directly linked to the Royal College exam, the book follows the same systems-based approach as the syllabus for accurate and effective revision. With full coverage of basic science for the medical specialities, the book features material on genetics, cellular, molecular and membrane biology, and biochemistry. Content is presented in an illustrated and easy-to-read format, ensuring that the basic science for each medical specialty is more approachable and accessible. A focus on how the basic sciences aid understanding of clinical practice is reinforced through key tables of differential diagnoses and pharmacology. Ten multiple choice questions at the end of each chapter consolidate learning and enable candidates to test their knowledge. The book also covers common examination errors and areas of misunderstanding to aid learning and help candidates avoid common pitfalls.

A single, comprehensive text covering all the MCQs required to prepare for both the Primary and Final FRCA exams.

With over 1000 questions, MCQs and EMQs in Surgery is the ideal self-assessment companion guide to Bailey & Love's Short Practice in Surgery. The book assists readers in their preparation for examinations and to test their knowledge of the principles and practice of surgery as outlined within Bailey & Love. Sub-divided into 13 subject-s

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 Surgery 1. Cardiopulmonary Bypass A. Troubleshooting CBP problems B. Difficulty weaning off bypass 2. Coronary Disease A. CABG evaluation B. Management of STEMI C. Cardiogenic shock 5 days post STEMI D. Ascending atheroma in CABG E. Management Carotid/CABG F. Intraoperative decision-making for OPCAB 3. Aortic Valve A. ASB. TAVR C. ARD. Small aortic root E. Non-cardiac surgery and aortic valve endocarditis 4. Mitral/Tricuspid A. TRB. MR 1. Reconstruction 2. Indications C. MS 5. Aorta A. Type A dissection B. Type B dissection C. Ascending aortic aneurysm D. Aortic root aneurysms E. DTAA 6. Heart failure A. ECMO B. LVAD C. RVAD D. Pump thrombosis E. OHT 7. Miscellaneous A. HOCM B. Cardiac tumors C. Approach to sternal wound infections D. Penetrating chest trauma E. Blunt chest trauma F. Endocarditis G. Pericardial disease General Thoracic Surgery 1. Trachea A. Tracheal trauma B. Tracheal tumors C. Tracheal stenosis D. Broncholithiasis 2. Lungs A. Pulmonary Nodules B. Pleural Effusion C. Pulmonary carcinoid D. SCLC E. Early NSCLC F. Early invasive NSCLC G. Stage III lung cancer H. Stage IV non-small cell I. Resectability of lung cancer J. Physiologic readiness for thoracic surgery K. Superior sulcus tumors L. Mediastinal staging in lung cancer M. Pulmonary metastasis N. Long-term follow up for lung cancer O. Chest TBP. ILD Q. LVRS R. Evaluation and approach to lung transplant S. Approach to lung abscess/empyema T. Spontaneous PTX U. BPF V. Chylothorax W. Mesothelioma 3. Esophagus A. Esophageal caustic injury B. Esophageal perforation C. TEF D. Leiomyoma E. Esophageal cancer F. Approach to cervical, thoracic, and GEJ esophageal cancers G. Esophageal conduits H. Resectability of esophageal cancer I. Postoperative esophageal leak J. GERD K. Esophageal motility disorders L. Barrett's esophagus M. Paraesophageal hernia N. Esophagectomy 4. Mediastinum A. Pneumomediastinum B. Diaphragmatic injury C. Thymoma/MG/mediastinal mass 5. Other A. TOS B. Chest wall tumors Congenital Heart Surgery 1. PDA 2. ASD 3. APW 4. Cor triatriatum 5. VSD 6. Coarctation 7. TOF w/ PS 8. TGA 9. PA w/ VSD w/ Multiple AP Collaterals 10. PA with IVS 11. Ebstein's Anomaly 12. LVOTO 13. Coronary anomalies 14. HLHS 15. Vascular rings/PA slings 16. Pediatric Heart Failure/Transplant 17. IAA w/ VSD 18. Single Ventricle Pathway/Fontan 19. Truncus Arteriosus 20. Complete Atrioventricular Canal 21. DORV 22. Congenital PV Anomalies 23. Congenital MS

This revision book in cardiothoracic surgery, cardiac and lung anatomy, physiology and pharmacology suitable for surgical, medical and allied health professionals and trainees contains over 300 questions and answers.

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.

This textbook provides a succinct overview of cardiac surgery, with key concepts being emphasized throughout. An abundance of illustrations, intra-operative photographs, tables as well as information boxes, aids the reader to visualise, grasp and retain difficult concepts. The inclusion of evidence-based approaches to the management of a range of cardiac surgical conditions equips the reader with an

understanding of how to overcome a variety of potentially tough clinical challenges. Concise Cardiac Surgery: A Complete Guide comprehensively covers a range of techniques used in cardiac surgery. It is therefore, an ideal resource for the trainee and practising cardiac surgeon seeking a practically focused text detailing how to apply the latest techniques and evidence-based approaches in their day-to-day practice.

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