

## Advanced Training In Anaesthesia Oxford Specialty Training

Cardiac Anaesthesia OSCE Questions for the Primary FRCACRQs in Anaesthesia - Constructed Response Questions for Exams Training In Anaesthesia Introducing Anaesthesia Mathematics and Statistics in Anaesthesia Oxford Textbook of Transplant Anaesthesia and Critical Care Oxford Handbook of Ophthalmology Practical Procedures in Anaesthesia and Critical Care Case-Based Anaesthesia Comprehensive Textbook of Perioperative Transesophageal Echocardiography Advanced Training in Anaesthesia Oxford Handbook of Anaesthesia Textbook of Anaesthesia An Introduction to Cardiovascular Physiology Oxford Handbook of Anaesthesia Oxford Handbook of Clinical Skills in Adult Nursing Basic Anesthesiology Examination Review Crisis Management in Anesthesiology E-Book Advanced Training in Anaesthesia MCQs for the Primary FRCADrugs in Anaesthesia and Intensive Care Obstetric Medicine Advanced Respiratory Critical Care Advanced Training in Anaesthesia Revision Notes in Intensive Care Medicine Oxford Textbook of Anaesthesia The Final FRCA Short Answer Questions Liver Anesthesiology and Critical Care Medicine SAQs for the Final FRCAThe Pocketbook for PACES Basics of Anesthesia Principles and Practice of Regional Anaesthesia Clinical Notes for the FRCA E-Book Paediatric Anaesthesia Oxford Textbook of Advanced Critical Care Echocardiography Anaesthesia and Intensive Care A-Z E-Book Advanced Perioperative Crisis Management Oxford Textbook of Obstetric Anaesthesia Post-operative Complications

### Cardiac Anaesthesia

The bestselling Oxford Handbook of Anaesthesia continues to provide state-of-the-art information on anaesthetic practice. This third edition includes new topics on regional anaesthesia, minimally invasive procedures, breast surgery, blood salvage, interventional radiology, complementary medicines and anaesthesia, and more.

### OSCE Questions for the Primary FRCA

Fully revised and updated throughout, the fourth edition of the Oxford Handbook of Ophthalmology now includes free access to the ophthalmic online media bank, a selection of high-quality clinical images and videos for a wide breadth of key ophthalmic diseases. Clear, concise, and practical, this handbook provides immediate access to the detailed clinical information you need, in casualty, clinic, theatre, and on the wards. The core of the book comprises a systematic synopsis of ophthalmic disease directed towards diagnosis, interim assessment, and ongoing management. Assessment boxes for common clinical conditions and algorithms for important clinical presentations illustrate this practical approach. The information is easily accessible, presented in a clear format with areas of importance highlighted. Key sections for the trainee include: Clinical Skills, Aids to Diagnosis, Investigations and their Interpretation, Perioperative Care, Theatre Notes and Therapeutics. The wider practise of eye-care is supported by expanded

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chapters on Refractive Ophthalmology, Vision in Context, Evidence Based Ophthalmology and Resources for Ophthalmologists. Now including newer treatments across a range of specialities such as SMILE, gene-therapy and retinal prostheses, as well as greater emphasis on the evidence underlying current clinical practice and guidelines, this handbook has never been more essential for all those working in eye-care. Whether you want to learn about patient-reported outcomes, identify a surgical instrument, interpret a statistical test, or diagnose and treat ophthalmic emergencies, you will find it here. Whatever your role in caring for patients with eye disease: ophthalmologist, optometrist, orthoptist, ophthalmic nurse, or other health profession - discover for yourself why this handbook has become the 'go-to' resource for tens of thousands of eye-care professionals around the world.

### **CRQs in Anaesthesia - Constructed Response Questions for Exams**

Anaesthetic trainees often have enormous trouble understanding the quantitative aspects of the basic sciences underlying clinical anaesthetic practice. The subjects of pharmacokinetics and statistics are often unpopular with trainees, and studied with little enthusiasm. In spite of their reluctance, this is an area that they are required to study and understand as a core part of their training for postgraduate exams. Mathematics and Statistics for Anaesthetists presents simple mathematical ideas, and explains how these can be used to model and understand problems which arise in clinical anaesthesia. The common features of the underlying mathematics are emphasized through a pictorial/graphical approach, in preference to vast amounts of algebra. The book presents statistics in an informal and less intimidating style that most standard statistical texts, incorporating illustrations and cartoons throughout. The book will be valuable to anaesthetists, in guiding them through what can be an intimidating part of their training.

### **Training In Anaesthesia**

#### **Introducing Anaesthesia**

This textbook provides an up-to-date summary of the scientific basis, assessment for and provision of anaesthesia throughout pregnancy and labour. It is divided into nine sections including physiology, assessment, complications and systemic disease.

#### **Mathematics and Statistics in Anaesthesia**

Training in Anaesthesia is a curriculum-based guide to the first phase of specialty training in anaesthetics, comprehensively covering the techniques, assessments, and basic medical and physiological knowledge that trainees learn as part of their basic training and which are examined by the Primary FRCA qualification.

### **Oxford Textbook of Transplant Anaesthesia and Critical Care**

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The definitive text and reference on transesophageal echocardiography (TEE) is now in its thoroughly updated Second Edition. This edition has been significantly reorganized to meet new demands in the field. The first section covers material relevant to the basic certification now being implemented by the American Society of Anesthesiologists and the Society of Cardiovascular Anesthesiologists. The second section, new to this edition, covers echocardiography in the critical care setting. The third section covers advanced applications relevant to the current certification. Coverage includes new chapters on organizing education and training in perioperative echocardiography; ultrasound for vascular access; assessment of the patient with endocarditis; using echo during resuscitation; epiaortic and epicardial imaging; endovascular management of thoracic vascular disease; transcatheter management of valvular heart disease; and perioperative application of Strain and three-dimensional echocardiography. A companion website includes the fully searchable text and an image bank.

### **Oxford Handbook of Ophthalmology**

Fast access to concise, targeted information on all essential aspects of clinical skills in nursing Written by experienced nurses and packed full of up-to-the minute guidance and information An indispensable companion for practising and student nurses in a variety of care settings Patient centred, evidence-based and in line with the latest guidelines Includes practice tips and pitfalls to aid patient care

Increasingly nurses are developing and extending their clinical skills into areas that were once considered only for doctors. With the rise of post-registration clinical skills courses, advanced practitioners, and the new medical assistant roles, it is anticipated that future professional practice will involve more emphasis on clinical skills for nurses. The Oxford Handbook of Clinical Skills in Adult Nursing provides a practical, easily accessible, concise and evidence-based guide to all the essential elements of clinical skills for nursing practice in one portable format. The first section deals with the principles underlying patient assessment, and professional issues relating to clinical skills in order to help practitioners perform procedures safely and competently. This is followed by chapters on generic skills such as communication, hygiene and comfort, infection control, intravenous access, and care of the theatre patient. There are separate sections on drug administration and emergency and high dependency care. The book then takes a systems-based approach to the care of patients covering the key concepts which underpin all good nursing practice, including the social and psychological aspects of nursing. Information is included on how to relate the principles of clinical skills to different groups such as the elderly and the mentally ill, which will have relevance to practitioners whether in a hospital or community setting. A unique and comprehensive guide to clinical skills in nursing, the Oxford Handbook of Clinical Skills in Adult Nursing will help nurses and other health care workers to perform clinical skills safely and competently. Readership: Nursing students in pre-registration diploma, degree and masters level degree programmes; registered nurses at staff nurse, advanced and specialist level and charge nurse/sister level; registered nurses undertaking post-registration education programmes.

### **Practical Procedures in Anaesthesia and Critical Care**

Advanced critical care echocardiography brings many benefits to critical care

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medicine. For those wishing to practice echo at a more advanced level, it is necessary to master the theoretical aspects. The Oxford Textbook of Advanced Critical Care Echocardiography provides a physiological and evidence-based reference guide to the principles and techniques of advanced echocardiography. Both transoesophageal and transthoracic echocardiography are addressed and over 300 videos, 470 figures and, 140 mcqs are included making this an ideal adjunct for courses for intensivists. The foundations of advanced echocardiography are outlined before specific assessment methods of critical care echo are provided. In reality, most critically ill patients do not suffer only one clinical problem so a section on integrated techniques explains how to answer both common and unexpected critical care questions. Finally the re use of echocardiography in critical care is explored. Important reference values for clinical use can be accessed easily in the appendices. The Oxford Textbook of Advanced Critical Care Echocardiography includes access to online-only content, consisting of videos, figures and multiple choice questions that can be used to reinforce understanding. This online material can be accessed by activating your unique access code. Authored by an international team of expert practitioners this textbook reflects the International Consensus Statement on Training Standards for Advanced Critical Care Echocardiography. Designed for trainees and consultants, this resource provides comprehensive and integrated coverage of all aspects of advanced critical care echo.

### **Case-Based Anesthesia**

### **Comprehensive Textbook of Perioperative Transesophageal Echocardiography**

The fully updated Crisis Management in Anesthesiology continues to provide updated insights on the latest theories, principles, and practices in anesthesiology. From anesthesiologists and nurse anesthetists to emergency physicians and residents, this medical reference book will effectively prepare you to handle any critical incident during anesthesia. Identify and respond to a broad range of life-threatening situations with the updated Catalog of Critical Incidents, which outlines what may happen during surgery and details the steps necessary to respond to and resolve the crisis. React quickly to a range of potential threats with an added emphasis on simulation of managing critical incidents. Useful review for all anesthesia professionals of the core knowledge of diagnosis and management of many critical events. Explore new topics in the ever-expanding anesthesia practice environment with a detailed chapter on debriefing. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability.

### **Advanced Training in Anaesthesia**

Containing concise content review, board-style questions and answers with explanations, and key references, Basic Anesthesiology Examination Review is a high-yield, efficient study aid for residents preparing for the Basic Anesthesiology Examination

## **Oxford Handbook of Anaesthesia**

This guide to the short answer question section of the final FRCA not only comprehensively covers the subject matter of the exam with past paper examples, it also guides trainees on the most effective manner in which to approach the questions. Chapters reflect the different topics contained within the examination, including pain medicine, ICM, paediatric anaesthesia and more. Every question from the past 6 1/2 years of examinations is addressed and the ideal style in which to answer an SAQ covered in depth. This guide will be gold dust to the candidate preparing for the final FRCA, providing all the answers as well as the best way to present them. It will save hours of research and preparation.

## **Textbook of Anaesthesia**

Advanced Training in Anaesthesia is authored by both trainees and specialists in order to create an authoritative yet accessible text. Containing everything candidates need to know to pass this final major hurdle in anaesthetic training, this book is ideal for exam revision. Suggestions for further reading are included for candidates wishing to read around the subjects. Topics in applied basic science are presented in a systems-based format, as laid out in the syllabus set by the Royal College of Anaesthetists, to allow for easy navigation and structured learning and revision.

## **An Introduction to Cardiovascular Physiology**

Revision Notes in Intensive Care Medicine is a key resource for candidates preparing for postgraduate intensive care examinations. Mapped to the FFICM, EDIC and FCICM syllabuses, this title ensures candidates have all the information needed to prepare for their examinations. Information is presented in concise note form and bullet points with visually memorable tools, such as tables and diagrams, making revising and retaining key facts easier. Chapters are arranged into physiological systems, such as 'Respiratory Intensive Care' and 'Obstetric Intensive Care', and are subdivided into major clinical issues within each chapter so specific areas of further study can be found easily. Drawing from the authors' experiences as successful candidates, and carefully reviewed by consultants, Revision Notes in Intensive Care Medicine provides the foundation for postgraduate intensive care exam revision.

## **Oxford Handbook of Anaesthesia**

Building on the success of previous editions, Anaesthesia and Intensive Care A-Z (Fifth edition) remains the most comprehensive single volume source of relevant aspects of pharmacology, physiology, anatomy, physics, statistics, medicine, surgery, general anaesthetic practice, intensive care, equipment, and the history of anaesthesia and intensive care. Originally prepared as essential reading for candidates for the Fellowship of the Royal College of Anaesthetists and similar exams, this fully updated edition will also prove as invaluable as ever for all anaesthetists and critical care physicians, as well as operating department practitioners and specialist nurses. All entries have been carefully reviewed and

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new ones added to reflect the latest advances and the evolving field breadth. This edition includes a structured checklist of entries, ordered by curriculum core topic area, as an additional new aid for those planning their revision. Building on the success of previous editions, *Anaesthesia and Intensive Care A-Z* (Fifth edition) remains the most comprehensive single volume source of relevant aspects of pharmacology, physiology, anatomy, physics, statistics, medicine, surgery, general anaesthetic practice, intensive care, equipment, and the history of anaesthesia and intensive care. Originally prepared as essential reading for candidates for the Fellowship of the Royal College of Anaesthetists and similar exams, this fully updated edition will also prove as invaluable as ever for all anaesthetists and critical care physicians, as well as operating department practitioners and specialist nurses. All entries have been carefully reviewed and new ones added to reflect the latest advances and the evolving field breadth. This edition includes a structured checklist of entries, ordered by curriculum core topic area, as an additional new aid for those planning their revision. Additional line diagrams further enhance topic descriptions. Contains a wide expansion of new entries and revisions of existing ones to reflect ongoing advances in the field. New exam preparation checklist ordered by core topics, for more effective use of revision time and enhanced confidence.

### **Oxford Handbook of Clinical Skills in Adult Nursing**

This book provides an easily portable yet comprehensive guide to the PACES examination. It includes all of the most relevant clinical information for the PACES exam supplemented by tips supplied by the highly experienced chapter authors. The main aim of the book is to consolidate candidates' theoretical knowledge and help them apply it to the clinical examination scenario. In addition the book forms an excellent pocket reference for trainees in acute medicine, accident and emergency medicine, anaesthetics and critical care and general practice.

### **Basic Anesthesiology Examination Review**

The Oxford Specialist Handbook in Paediatric Anaesthesia returns for a new edition with updated practical management advice, and detailed perioperative plans for a wide selection of basic and advanced paediatric procedures. Invaluable to trainees and consultants alike, this go-to guide details current techniques in a concise and rapid manner, describing how to approach each case. It covers everything from pharmacology, preoperative assessment, and the basic principles of anaesthetic care, to advanced vascular access, pain management, and neonatal surgery. With additional speciality chapters containing both elective and emergency cases, it is the ideal companion to all aspects of paediatric anaesthesia. · Features up-to-date information on fasting guidelines, pregnancy testing and thromboprophylaxis · Covers patient care from pre-operative assessment to post-operative care. · Contains detailed chapters on advanced airway management, advanced vascular access, and regional anaesthesia. · Includes easy-to-follow perioperative plans for all the common elective and emergency procedures. · New section on resuscitation, transfers, and emergencies.

### **Crisis Management in Anesthesiology E-Book**

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Advanced Perioperative Crisis Management is a high-yield, clinically-relevant resource for understanding the epidemiology, pathophysiology, assessment, and management of a wide variety of perioperative emergencies. Three introductory chapters review a critical thinking approach to the unstable or pulseless patient, crisis resource management principles to improve team performance and the importance of cognitive aids in adhering to guidelines during perioperative crises. The remaining sections cover six major areas of patient instability: cardiac, pulmonary, neurologic, metabolic/endocrine, and toxin-related disorders, and shock states, as well as specific emergencies for obstetrical and pediatric patients. Each chapter opens with a clinical case, followed by a discussion of the relevant evidence. Case-based learning discussion questions, which can be used for self-assessment or in the classroom, round out each chapter. Advanced Perioperative Crisis Management is an ideal resource for trainees, clinicians, and nurses who work in the perioperative arena, from the operating room to the postoperative surgical ward.

### **Advanced Training in Anaesthesia**

A concise, exam-orientated revision text that helps candidates prepare for the notoriously difficult SAQ paper for the Fellowship of the Royal College of Anaesthetists (FRCA) Final examination.

### **MCQs for the Primary FRCA**

Oxford Specialist Handbooks in Anaesthesia offer a radically new way for medical and nursing staff to access practical management advice which is portable, accessible, and reliable. --

### **Drugs in Anaesthesia and Intensive Care**

There is a significant gap in the literature for a handbook which addresses general medical conditions, both acute and chronic, that may arise in pregnant woman. Obstetric Medicine, the first title in a new Oxford Specialist Handbooks series covering Obstetrics and Gynaecology, contains relevant, accessible, and focused information to help both general physicians to manage medical conditions during pregnancy, and the specialist obstetrician manage general medicine in the pregnant patient. Pregnant women regularly present with medical problems to many different medical specialties, and as their physiology is changed by the pregnancy, so too is the way in which many chronic illnesses behave. There are also differences in which drugs or investigations may be appropriate during pregnancy. This new specialist handbook provides a comprehensive overview of medical conditions in the pregnant patient, and covers the syllabus for both the RCOG Advanced Training Skills Module (ATSM) and the maternal medicine for obstetric trainees. Filled with links to national and international guidelines, expert advice, and evidence-based management strategies for a range of acute and chronic conditions that can occur in the pregnant woman, this handbook is an essential new addition to the literature for all physicians who work with pregnant patients in their practice.

## **Obstetric Medicine**

Revision of: Drugs in anaesthesia and intensive care / Martin Sasada and Susan Smith. 3rd ed. 2003.

## **Advanced Respiratory Critical Care**

New edition of a successful book of concise notes on clinical aspects of the examination for the Fellowship of the Royal College of Anaesthetists. It has been fully updated to reflect changes in the examination syllabus. This will be an ideal revision guide for trainee anaesthetists sitting the FRCA and similar examinations. Concise notes for the clinical part of the FRCA. Appendix covers the up to date syllabus for the examination. Includes appropriate guidelines and reports from the Association of Anaesthetists. Each section ends with list of further reading.

## **Advanced Training in Anaesthesia**

An Introduction to Cardiovascular Physiology is designed primarily for students of medicine and physiology. This introductory text is mostly didactic in teaching style and it attempts to show that knowledge of the circulatory system is derived from experimental observations. This book is organized into 15 chapters. The chapters provide a fuller account of microvascular physiology to reflect the explosion of microvascular research and include a discussion of the fundamental function of the cardiovascular system involving the transfer of nutrients from plasma to the tissue. They also cover major advances in cardiovascular physiology including biochemical events underlying Starling's law of the heart, nonadrenergic, non-cholinergic neurotransmission, the discovery of new vasoactive substances produced by endothelium and the novel concepts on the organization of the central nervous control of the circulation. This book is intended to medicine and physiology students.

## **Revision Notes in Intensive Care Medicine**

This is a highly practical guide to the procedures and techniques commonly encountered in anaesthesia and critical care medicine. Step-by-step, detailed instructions, a simple layout and full colour illustrations and photos show the anaesthetist how to carry out procedures safely and competently.

## **Oxford Textbook of Anaesthesia**

A general handbook covering post-surgical complications across all specialties. Particularly relevant for junior doctors and those preparing for their membership of the Royal College of Surgery (MRCS) exams.

## **The Final FRCA Short Answer Questions**

A curriculum-based guide, Advanced Training in Anaesthesia contains everything candidates need in preparation for taking the Final FRCA exam. This book is ideal for both learning and exam revision, but it also provides a ready source of

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reference for situations in all specialties and sub-specialties, with knowledge which will continue to apply beyond training. Topics in applied basic science and clinical anaesthesia are presented in a systems-based format, as laid out in the syllabus set by the Royal College of Anaesthetists, allowing for easy navigation and structured learning and revision. Advanced Training in Anaesthesia is authored by both trainees and specialists in order to create an authoritative yet accessible text. Containing everything candidates need to know to pass this final major hurdle in anaesthetic training, this book is ideal for exam revision. Suggestions for further reading are included for candidates wishing to read around the subjects. Topics in applied basic science are presented in a systems-based format, as laid out in the syllabus set by the Royal College of Anaesthetists, to allow for easy navigation and structured learning and revision.

### **Liver Anesthesiology and Critical Care Medicine**

The Royal College of Anaesthetists has introduced Constructed Response Questions (CRQs) as an innovative way of testing trainees, in the fields of anaesthesia and intensive care medicine, in their final FRCA examinations from September 2019. CRQs are a more structured way of assessing knowledge and understanding; they also assess the application of knowledge, evaluation and judgement. This book categorises questions based on the Royal College model, with six mandatory sections of training and two separate sections on general duties and optional units. It is an ideal companion for candidates who are preparing for their final exams in anaesthesia and will help to assess their preparation and guide appropriate revision. The topics are pertinent for other anaesthetic exams worldwide, including the European exams, Australian and New Zealand fellowships and the Indian DNB exams. The authors have extensive experience in anaesthetic teaching and lead anaesthetic intermediate teaching in the UK, running regular and successfully attended courses. This book will help candidates to adapt to the recent exam changes and revise in an efficient manner. It will not only be an invaluable educational resource for trainee anaesthetists but also for practising anaesthetists. Medical students and junior doctors, who are about to embark on a career in anaesthesia or intensive care medicine, will also find the book to be a useful educational tool.

### **SAQs for the Final FRCA**

This definitive resource from the eminent Oxford Textbooks series, the Oxford Textbook of Anaesthesia addresses the fundamental principles, underpinning sciences and the full spectrum of clinical practice. It brings together the most pertinent research from on-going scientific endeavours with practical guidance and a passion to provide the very best clinical care to patients. This comprehensive work covers all aspects of anaesthesia; volume one addresses the fundamental principles and the basic sciences whose understanding is required for a logical, effective and evidence-based approach to practice. Volume two focuses on the clinical aspects of anaesthesia, including those aspects of intensive care and pain medicine that are required by all general anaesthetists as well as sections dedicated to procedures, surgical specialities, paediatrics, the conduct of anaesthesia outside the theatre, and concurrent disease. In 91 finely crafted and highly illustrated chapters, experts in anaesthesia review the supporting evidence

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and key techniques for the clinical management of specific conditions and patient groups. International contributors share their research and extensive experience to provide a wealth of practical advice for use in clinical situations in a global context. The Oxford Textbook of Anaesthesia will publish both in print and online on Oxford Medicine Online where it can be accessed via smartphone or similar devices and will be updated annually to reflect major changes in clinical practice. The print edition of the Oxford Textbook of Anaesthesia comes with a year's access to the online version. This essential reference tool supports all anaesthetists seeking an up-to-date and trustworthy account of all aspects of anaesthesia. It will be an indispensable guide to anaesthetists of all grades and subspecialty interest.

### **The Pocketbook for PACES**

Liver Anesthesiology and Critical Care Medicine emphasizes all aspects of this broad and important area and is the definitive textbook for anybody involved in the perioperative care of liver patients. The book is divided into three sections: Physiology and Pathophysiology, Anesthesiology, and Critical Care Medicine. The anesthesiology section contains information about liver transplantation and other liver surgeries and provides detailed practical direction and concise background information of all aspects of the anesthetic management of these patients based on the most recent evidence. The critical care section describes basic critical care management as it relates to liver surgical patients and addresses specific postoperative issues relevant for liver resection and liver transplant patients. The book combines practical guidance to the perioperative management with extensive background and clinical evidence to allow the reader gain an in-depth understanding of this complex and fascinating topic.

### **Basics of Anesthesia**

The fourth edition of this highly successful textbook discusses the practical applications of the various methods of regional anaesthesia, including ultrasound, as well as giving an account of their theoretical aspects. The well-established author team use their experience to provide a practical and stimulating book which reflects everyday clinical activity, supplemented by high definition ultrasound images and schematic diagrams. The book will also discuss the place of regional anaesthesia in current medical practice, particularly with regard to pain processes, ultrasound imaging, and patient outcomes. Regional anaesthesia is a rapidly expanding sub-speciality of anaesthesia: routine provision of long-lasting pain relief and the introduction of real-time ultrasound block has fuelled a demand for cadaver and ultrasound-based anatomy training courses. Thus, it is more important than ever to have a thorough grounding in this exciting subspecialty.

### **Principles and Practice of Regional Anaesthesia**

### **Clinical Notes for the FRCA E-Book**

Saving lives through organ transplantation has become increasingly possible thanks to advances in research and care. Today, the complex field of

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transplantation continues to develop rapidly, fuelled by demographic change and further evolutions in scientific understanding. The Oxford Textbook of Transplant Anaesthesia and Critical Care has been written and edited by pioneers in the field of organ transplantation with an international team of authors, in order to equip anaesthetists and intensivists with the knowledge and training necessary to provide high quality and evidence-based care. The text addresses fundamentals aspects of scientific knowledge, care of the donor patient, transplant ethics and special considerations. Dedicated sections address each of the major organs; kidney, pancreas, liver, heart and lung, intestinal and multivisceral. Within each organ-based section, expert authors explore underlying disease, planning for transplantation, specialized procedures, perioperative and critical care management as well as post-transplant considerations. Focus points for future developments in transplant immunology are also set out, inspiring current practitioners to engage with current clinical research and help participate in the further advancement of the science of transplantation. The print edition of the Oxford Textbook of Transplant Anaesthesia and Critical Care comes with a year's access to the online version on Oxford Medicine Online. By activating your unique access code, you can read and annotate the full text online, follow links from the references to primary research materials, and view, enlarge and download all the figures and tables.

### **Paediatric Anaesthesia**

Respiratory disease is the most common reason for admission to intensive care, and advanced respiratory support is one of the most frequently used interventions in critically ill patients. A clear understanding of respiratory disease is the cornerstone of high quality intensive care. Although a plethora of literature is available, both in print and online, finding the necessary relevant information can be difficult and time consuming. This handbook provides comprehensive clinical detail in an easily readable format. It is written by practising clinicians and has both in-depth theoretical discussion and practical management advice. The book is divided into sections: Section 1 deals with the approach to the patient with respiratory failure - including pathophysiology, investigation and diagnosis Sections 2 covers non invasive treatment modalities Sections 3 and 4 examine invasive ventilation in detail. Section 3 considers the principles of mechanical ventilation while section 4 deals with individual ventilator modes Section 5 discusses the management of the ventilated patient including sedation, monitoring, asynchrony, heart - lung interaction, hypercapnia and hypoxia, complications, weaning and extubation. It also has chapters on areas less frequently covered such as humidification, suction, tracheal tubes and principles of physiotherapy Section 6 is a comprehensive breakdown of each respiratory condition seen in ICU. This book is designed to bridge the gap between Intensive Care starter texts and all-encompassing reference textbooks. It is aimed at consultants and senior trainees in Intensive Care Medicine, senior ICU nursing staff, consultants in other specialties and allied healthcare professionals who have an interest in advanced respiratory critical care.

### **Oxford Textbook of Advanced Critical Care Echocardiography**

This short textbook presents sixty cases with the detail and patient-specific data

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encountered in actual clinical practice. Cases cover the major points emphasized in the in-training exam and in written and oral boards. The cases are rigorously developed using two models. The Developed Case model features a step-by-step format that highlights the decisions made at each step. The Case Reflection model features a short narrative, followed by analysis of how the management and outcome might have been improved. Cases are referenced with current articles in support of particular strategies. Each case includes a boxed Key Points section and self-assessment questions.

### **Anaesthesia and Intensive Care A-Z E-Book**

A curriculum-based guide, Advanced Training in Anaesthesia contains everything candidates need in preparation for taking the Final FRCA exam. This book is ideal for both learning and exam revision, but it also provides a ready source of reference for situations in all specialties and sub-specialties, with knowledge which will continue to apply beyond training. Topics in applied basic science and clinical anaesthesia are presented in a systems-based format, as laid out in the syllabus set by the Royal College of Anaesthetists, allowing for easy navigation and structured learning and revision. Advanced Training in Anaesthesia is authored by both trainees and specialists in order to create an authoritative yet accessible text. Containing everything candidates need to know to pass this final major hurdle in anaesthetic training, this book is ideal for exam revision. Suggestions for further reading are included for candidates wishing to read around the subjects. Topics in applied basic science are presented in a systems-based format, as laid out in the syllabus set by the Royal College of Anaesthetists, to allow for easy navigation and structured learning and revision.

### **Advanced Perioperative Crisis Management**

Introducing Anaesthesia is a must-have guide for new trainees beginning their specialty training in anaesthesia. It clearly explains the basics of anaesthetics including scientific principles, pharmacology and clinical practice as well as how to deal with common emergencies. The content addresses what a trainee needs to learn in the first three to six months of specialty training and maps to the Royal College of Anaesthetists' Initial Assessment of Competency. Designed to provide structured support and learning, Introducing Anaesthesia builds confidence via the inclusion of diagrams and videos which demonstrate techniques and competencies. Clearly written and focused on the initial hurdles which all newcomers to anaesthesia need to overcome, this is an indispensable guide to the principles and techniques required for trainees to anaesthetize patients on their own and to pass workbased assessments. This book is ideal for new anaesthetic trainees and for those responsible for their training, mentoring and assessment. Trainees in acute medicine and emergency medicine who need to gain experience in anaesthetics as well as nurses and operating department practitioners will find this text very useful.

### **Oxford Textbook of Obstetric Anaesthesia**

OSCE Questions for the Primary FRCA is a key resource for candidates preparing

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for this unique exam. Containing over 100 Objective Structured Clinical Examinations (OSCE) style questions directly mapped to the syllabus set by the Royal College of Anaesthetists, this resource is the perfect revision tool. Each chapter contains key questions on the main FRCA subject areas, such as 'Anatomy', 'Hazards' and 'Equipment' to ensure candidates can revise commonly tested knowledge. All questions are supported by detailed answers and further reading for efficient and comprehensive revision. The 'Mock OSCE' chapter at the end of the book presents the reader with 10 OSCE style questions followed by all answers, ensuring the reader has, not only the knowledge to pass the exam, but can practice the technique and approach required for success in this exam. Written by successful candidates, OSCE Questions for the Primary FRCA is the perfect revision aid for candidates facing this difficult exam.

### **Post-operative Complications**

Reflecting the revised Primary FRCA exam, this book is structured according to the three specific areas covered in the curriculum: physics and clinical measurement, physiology, and pharmacology. Each section includes a brief introduction, a selection of MCQs, and answers including a brief explanation.

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