

Cardiothoracic Surgery Oxford Specialist Handbooks In Surgery

The Oxford Textbook of Vascular Surgery draws on the expertise of over 130 specialist contributors to encompass the field of vascular surgery. Through the use of figures, findings of contemporary trials, and additional online content, this textbook is an excellent study material for surgical trainees entering their final two years of training, in addition to serving as an effective reference source for practicing surgeons. This volume discusses the epidemiology, vascular biology, clinical features and management of diseases that affect the vasculature and contains dedicated chapters which address topics such as paediatric surgery, damage control surgery, and amputations. The text follows a logical framework which complements the published Intercollegiate Surgery Curriculum making it particularly useful in preparation for the Intercollegiate Examination. The online version of The Oxford Textbook of Vascular Surgery is free for twelve months to individual purchasers of this book and contains the full text of the print edition, links to external sources and informative videos demonstrating current surgical techniques, making this a valuable resource for practicing surgeons. The field of vascular surgery has advanced rapidly in recent years and has expanded to include the techniques of interventional radiology and cardiology which are also extensively covered in this volume, making it an authoritative modern text. By combining contemporary evidence-based knowledge with informative figures, online resources and links to the current training curriculum, The Oxford Textbook of Vascular Surgery is a highly valuable source of information and will become the standard reference text for all who study vascular disease and its treatment.

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Our understanding of myeloproliferative neoplasms (MPN) disorders, a group of clonal haematological malignancies characterized by excessive accumulation of one or more myeloid cell lineages, has grown considerably over the past four decades. Myeloproliferative Neoplasms offers a detailed evidence-based guide to MPNs in an easily accessible format, structured to facilitate learning specialist information by presenting core information in 'bite size' chunks. Each chapter summarises the state-of-the art preclinical and clinical knowledge, and its impact on the clinical management of patients with MPNs. This practical guide, written by experts in the field, is essential reading for oncologists, haematologists, and other health care professionals interested in the field of MPNs.

A practical book on cardiothoracic critical care in the ICU with fundamentals of management of the the heart and lungs, and guidelines for management of medical and surgical patients in the ICU."

Comprehensively updated and now in full colour with an accompanying DVD, this new edition is a unique, pocket-sized, and practical training guide for all those wanting easily accessible, detailed information on how to get good images, make key measurements and report their findings.

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

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comprehensive yet portable guide to all areas of cardiothoracic surgical practice.

'Cardiothoracic Surgery' covers all areas of adult and paediatric, cardiac and thoracic surgery and intensive care. This edition, with updated cardiac surgery and thoracic sections, provides practical on-the-spot guidance to common and less common operative procedures.

'Oral and Maxillofacial Surgery' offers a concise et structured overview of current maxillofacial practice, concerned with the diagnosis and surgical treatment of diseases affecting the mouth, jaws, face and neck. It is illustrated throughout with line diagrams et photographs to aid understanding of the procedures.

An indispensable pocket reference for critical care trainees, consultants and intensive care nurses, this new Oxford Specialist Handbook provides an evidence-based approach to all aspects of patient care in cardiothoracic intensive care. Written in the Oxford Handbook format, each section is comprised of short topics ideal for quick reference. Portable, accessible, and reliable, the book equips the clinician with the basic scientific and clinical knowledge to safely assist in formulating management plans, based on current best practice. Cardiothoracic Critical Care addresses major recent developments in cardiothoracic critical care, such as cardiovascular support, mechanical support (IABP, VADS, and ECMO), and drug therapies such as nitric oxide and other new inotropic agents. The management of postoperative bleeding is covered in detail, as it increasingly involves updated fluid and blood-product therapies including blood preservation techniques such as cell salvage. Fully revised and updated, the second edition of Hand Surgery has been broadened to reflect the diverse nature of the speciality, providing more detail on hand

therapy and alternatives to hand surgery, whilst maintaining surgical techniques in line with current guidelines. The compact format of Hand Surgery, part of the Oxford Specialist Handbooks in Surgery series, is designed to work both as a revision guide, with clearly organised chapters and headings throughout, and as an aide-memoire for fine detail such as pathology classifications. Featuring an authoritative list of contributors from hand surgeons and therapists, this new edition reflects the close working relationships between the two disciplines and draws from the knowledge of experts in the field.

This concise, practical guide is essential reading for anyone who needs to deal with common, important and occasionally life-threatening medical problems in surgical patients early in pre-assessment clinic, the night before surgery and out-of-hours on the wards post-operatively. Heart failure is an important and ever expanding sub-speciality of cardiology. Many health care professional bodies are now developing specialist expertise in heart failure. This is true for cardiologists in training, consultant cardiologists, care of the elderly and general physicians, cardiothoracic surgeons, primary care doctors, pharmacists and specialist nurses. With advances in medical therapy, the prognosis of the condition has improved dramatically. Whereas once heart failure was a pre-terminal diagnosis, now for many it is treatable. However, some patients remain symptomatic and at high risk of death despite maximal medical therapy. These patients can benefit from a range of novel device therapies. For those who remain symptomatic despite

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optimal treatment cardiac transplantation remains an option. This updated book comprehensively covers all aspects necessary to manage a patient with heart failure. It gives simple, clear advice on the diagnosis, investigation and treatment options available highlighting the current evidence-base. The chapters provide concise and objective information to guide all health care professionals involved in the modern day multi-disciplinary management of the syndrome. The book is set out logically to mirror the patient journey in heart failure. An updated edition of the first practical manual of heart failure management.

Cardiothoracic Surgery Oxford University Press

Cardiovascular disease remains the major cause of morbidity and mortality throughout developed countries and is also rapidly increasing in developing countries. Cardiovascular medicine and the specialty of cardiology continue to expand, and the remit of the cardiologist is forever broader with the development of new sub-specialties. The Oxford Handbook of Cardiology provides a comprehensive but concise guide to all modern cardiological practice with an emphasis on practical clinical management in many different contexts. This second edition addresses all the key advances made in the field since the previous edition, including interventional cardiology, electrophysiology, and pharmacology. It expands the remit to medical students and the more junior doctor while retaining the level of detail required by more senior practitioners within the field.

Written by internationally renowned leaders in their field

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and relevant to all practicing clinicians, this textbook comprehensively covers all aspects of heart failure, and suggests the optimal evidence-based management for heart failure patients.

This concise, practical Oxford Specialist Handbook provides an evidence-based approach to all aspects of patient care in cardiothoracic intensive care.

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

A comprehensive but easily accessible summary of hand and wrist conditions, this handbook contains details of classifications, nerve root values and outcomes. It is a well-structured revision tool for the Hand Diploma and highly relevant for trainees for their attachment. Therapists and others will also find this to be a useful reference.

Colorectal Surgery, second edition, is the essential guide for general surgical trainees preparing for the FRCS examination, as well as a quick-reference for clinicians working in the field. Providing a concise and evidence-based overview of colorectal surgery, this resource covers the

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diagnosis, management, and treatment of colorectal conditions. Extensively updated to reflect recent innovations in surgical practice, this edition covers new topics such as robotic surgery, complete mesocolic excision, capsule colonoscopy, and the role of qFIT in lower GI investigations. The oncology and inflammatory bowel disease chapters have been revised to reflect new understanding of the genetic aspects of IBD as well as novel therapeutic agents. Management of benign colorectal disease has also been revised to reflect current approaches to rectal prolapse and haemorrhoidal disease including updated guidelines for functional bowel conditions.

An essential book for all accident and emergency departments, plastic surgery units, and burn facilities.

This handbook provides a systematic account of the main areas of cardiac nursing including assessment, investigation, treatment, rehabilitation, and pharmacological interventions. Cardiac nurses in all settings will find this a practical and evidence-based summary of the relevant issues.

This book deals with peripheral vascular disease. It is designed primarily for the trainee in vascular surgery, yet medical students, nurses, anaesthetists, intensivists and radiologists involved in the vascular team will all find it useful. The Oxford Specialist Handbook of Urological Surgery returns fully updated for a second edition to guide the reader step-by-step through all types of urological operations. Including both background information on key urological problems and alternative surgical options, this Handbook is designed to guide the trainee through all aspects of urological surgery, from gaining clear and accurate consent to examining risks and complications of procedures. With each chapter written by subspecialty experts, this Handbook is packed with tips and tricks that offer practical and theatre-based advice gleaned over years of theatre experience to aid the reader. It

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also includes helpful pointers on aspects of surgery including patient positioning, indications and contraindications, types of incisions, and choice of ideal instrument, alongside aftercare and follow-up for the patient. Fully updated in accordance with new European guidelines and NICE clinical guidance, with extra topics on technological developments including robotic assisted surgery and a brand new chapter on female urology and incontinence, the Oxford Specialist Handbook of Urological Surgery is an essential resource for all urological trainees and junior doctors.

A practical manual to aid the management of women with heart disease who are pregnant or who are considering pregnancy, Heart Disease in Pregnancy also provides an introduction to the physiological changes of pregnancy and the relevant obstetric knowledge and processes needed for a cardiologist to successfully manage a pregnant woman. 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. --

Containing summaries of inherited cardiovascular disorders with a focus on aetiology, presentation and management, this handbook covers the fundamentals of molecular biology and genetic testing, and the detailed clinical information relevant to patient management.

This specialist handbook is a practical, comprehensive, and concise training guide on how to implant, follow-up, and troubleshoot pacemakers and ICDs, fully updated with new technologies and the latest international guidelines.

An indispensable source of accessible information in both the acute and out-patient setting, Surgical Oncology is a practical reference for surgeons who actively manage cancer patients from initial presentation and diagnosis to investigation and staging, operative management, post-operative care, long

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term surveillance and palliation.

A practical approach to the investigation and treatment of adult congenital heart disease (ACHD), this fully updated Oxford Specialist Handbook is a concise and accessible overview of a complex condition. Packed with straightforward advice, management strategies and key clinical points, it equips clinicians with a sound understanding of the principles and physiology of ACHD. An ideal reference tool for cardiology trainees, general cardiologists and acute medicine physicians, this second edition of Adult Congenital Heart Disease has been fully reviewed to include new guidelines and increased illustrations to aid understanding. Brand new chapters on epidemiology, heart failure, device therapy and transition and transfer of care ensure that Adult Congenital Heart Disease remains the definitive guide to supporting clinicians throughout all aspects of the patient's care.

The investigation and treatment of hypertension remains a challenge, even in developed countries. Although antihypertensives have been available for 50 years, the rational and effective use of the myriad of existing drugs remains a concern, as does the desire to identify patients with secondary hypertension from the mass of individuals with primary or essential hypertension. The aim of this handbook is to provide state-of-the-art information concerning the pathophysiology, diagnosis, investigation and management of hypertension in the 21st century. It is designed to appeal to practicing clinicians, both generalist and specialist. The chapters are clearly laid-out and written for the non-expert but contain sufficient detail to serve as a useful reference for the experienced physician. The book is completely up-to-date and evidence-based, while the authors are recognized experts in hypertension based at one of Europe's leading hypertension centres.

The Oxford Specialist Handbook of Global Anaesthesia is a

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key reference for anaesthetists working in environments with scarce resources. Written by international experts in administering anaesthesia in emergency settings across the globe, it's a portable, easy-to-read guide to the provision of safe anaesthesia in difficult environments.

This book provides an up-to-date and comprehensive overview of the etiology, diagnosis and treatment of conditions affecting the structure and function of the right heart, comprising the right atrium, right ventricle, tricuspid valve and pulmonary circulation. Anatomy and physiology of the right heart, etiology and role of imaging of right heart failure, as well as treatment options, from pharmacological regimes to surgery are included in the text. Algorithms and flow diagrams are provided with illustrated snapshots of the decisions involved in the management of these patients. The *Failing Right Heart* is aimed to serve as an essential reference for cardiac surgeons, cardiologists, cardiac anesthesiologists and cardiac intensivists on the diagnosis and treatment of patients with congenital or acquired right heart disease.

Cardiovascular Magnetic Resonance (CMR) is a rapidly expanding imaging method in cardiology which provides unparalleled diagnostic information about the heart. It is however a complex technique and though the availability of scanners is increasing quickly, the expertise required to perform the scans is limited. While no book is a substitute for experience, this handbook provides an invaluable guide to performing and interpreting the scans which should aid both new and experienced operators. Cardiovascular Magnetic Resonance is an indispensable guide to performing and interpreting CMR scans. What to look for, which sequences to include, how to acquire them, and how to interpret the images are all included in the handbook. The information is provided in a quick-reference, easy-to-use format with many images

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from real cases, and is designed to sit on the scanning console or in the office, providing a step-by-step guide to aid the CMR practitioner at every stage. All areas of cardiovascular imaging are covered, including tips and tricks for optimal imaging and how to avoid and spot artefacts. From patient safety to differential diagnoses of tricky images, to an easy to understand section on the science behind magnetic resonance, all aspects are covered in this concise yet comprehensive guide to this specialist area. Whether a novice or expert in the field, all readers should find this book a useful tool. It is an invaluable reference that no CMR department should be without.

This volume in the acclaimed Mastery Series delivers clear, how-to guidance on the most commonly performed procedures in adult and pediatric thoracic surgery. As with other volumes in the series, Mastery of Cardiothoracic Surgery delivers expert commentary from master surgeons following each chapter. Invaluable for cardiothoracic fellows, as well as thoracic and cardiac surgeons.

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

An invaluable reference for those working in obstetric anaesthesia, as well as an essential resource for those preparing for postgraduate exams in anaesthesia, the Oxford Specialist Handbook of Anaesthesia, second edition provides incisive coverage of all aspects of the sub-specialty and concise instructions for both antenatal and postnatal care. This new edition of a highly successful handbook provides a completely updated overview of modern operative surgery. Containing detailed instructions on all aspects of heart catheterization and angiography, Cardiac Catheterization and Coronary Intervention acts as a concise and invaluable guide for the cardiology trainee.

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Cardiac Surgery: Operative Technique, by Drs. Donald B. Doty and John R. Doty, is your essential source on how to perform today's full range of cardiac surgical techniques. Over 1,000 crisp illustrations and expert, evidence-based discussions guide you step by step, equipping you to perform all of the latest procedures and get the best outcomes. Focus on the practical how-tos you need to perform each operation. Know what to do, what to avoid, and how to manage complications with the authors' discussions of their preferred methods. Benefit from the seasoned expertise of two master cardiac surgeons with decades of experience. Keep your skills current with state-of-the-art coverage of coronary artery surgeries, heart-lung transplantation, lung transplantation, and much more - including the latest evidence for each procedure. Know what to look for and how to proceed with over 1,000 remarkable illustrations and photographs - many new, many in full color - that capture exactly what you will see during surgery.

A comprehensive guide to all aspects of renal transplantation, this handbook follows the admission of a renal failure patient, covering eligibility for transplant, guidelines for the transplant process and potential complications. It includes comprehensive background information, including immunology, tissue typing and donor management. Written by two anaesthetists, one British and one American, this unique book focuses on the transatlantic story of anaesthesia. The authors have both worked at the two hospitals where the first general anaesthetics for surgery were given in 1846, Massachusetts General Hospital in Boston, Massachusetts and University College Hospital, London. Each with more than fifty years' experience of working in anaesthesia, they combine their knowledge and expertise to offer a fresh outlook on the development of anaesthesia through the ages. This highly informative and

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intriguing text details the origins of anaesthesia, outlines the different techniques of anaesthesia and traces its progress with illuminating and enlightening commentaries. This is a fascinating book which considers the role key figures have played in developing anaesthesia including, Queen Victoria, William Morris, La Condamine, Bjorn Ibsen and Henry Beecher. Broken down into four sections, which are divided into easy-to-read chapters and filled with top quality photographs, this book makes compelling reading. It is recommended to all those interested in the history and development of medicine through the ages, and is of particular interest to anaesthetists. More than just the science of anaesthesia, this is the story about the people and personalities who have made anaesthesia what it is today.

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