

Cardiothoracic Surgery Oxford Specialist Handbooks In Surgery

Containing detailed summaries on a comprehensive range of clinical scenarios and conditions, and organised according to the different sub-specialities of community paediatrics, this handbook is an ideal companion for anyone working with children in the community.

There is an increasing number of immunocompromised patients across a widening range of specialities in medicine. Patients with underlying malignancy, as well as transplant patients, are now living longer in a vulnerable immune state. Previously, patients were only seen by small specialist transplant, haematology, or oncology teams. Modern techniques mean that patients undergoing care in many specialities such as dermatology, rheumatology, gastroenterology, and acute general medicine, are being immunosuppressed to modify their underlying disease, and treated directly by their own specialists. The most pressing problems that these patients suffer from are usually related to fever and infection. The Oxford Specialist Handbook of Infection in the Immunocompromised Host is a comprehensive guide for medical staff caring for immunocompromised patients in a hospital setting. Divided into three sections, it is the ideal source for clear, up-to-date information needed on the ward. The book starts with a background of the field, followed by a section that provides a 'host', or patient-centred, approach to presentations in different immunocompromised states. It discusses the assessment, investigation, and management of clinical syndromes in patients with primary immunodeficiency, HIV infection, immunodeficiency as a result of therapeutic immunosuppression, haematological and solid organ malignancy, and immunodeficiency related to organ transplant. In addition, it covers medical conditions resulting in defective immunity, such as diabetes, mellitus, and chronic renal failure, and provides information on travel in the immunocompromised host. The third section provides a pathogen-centred approach to the investigation and management of viral, bacterial, parasitic, and fungal infections of particular relevance to the immunocompromised host. Combining hospital and laboratory guidelines with recent research, the Oxford Specialist Handbook of Infection in the Immunocompromised Host highlights the importance of diagnoses and empirical treatments. Ideal for medical staff working in infectious diseases, ITU, haematology and oncology, transplants, HIV/GUM, rheumatology, and general medicine, it also considers the diagnostic dilemmas encountered in a clinical setting. This handbook is also a valuable resource for when preparing for the UK SCE examinations in these topics, and the MRCP.

Two titles from the bestselling Oxford Handbook and Oxford Specialist Handbook series are available together in this great value pack. This bestselling Oxford Handbook of Clinical Surgery has been thoroughly revised for the new edition to include brand new chapters on Paediatric Orthopaedics and Common Surgical Procedures, as well as new presentations, illustrations, and new anatomy and emergency indexes to aid quick reference. It is an invaluable tool for junior surgical trainees, medical students, nursing, paramedical, and rehabilitation staff. The handbook covers the assessment and preparation of the patient, anaesthesia and critical care, inflammation, wound healing and infection, and the key components of general surgical practice, as well as chapters on other surgical specialties, including plastic, paediatric, and orthopaedic surgery. There are step-by-step descriptions of common operative surgical techniques, practical hints and procedures, and information on signs, symptoms and rarities. Emergency presentations are clearly identified for rapid reference and investigations and management plans are set out in a clear and easy-to-follow way. Surgically relevant anatomy and physiology has been expanded for each area, quick reference symbols ensure the reader is guided to key facts, and there is an increased focus on evidence-based practice with key references throughout. A cut above the rest, this is the essential guide to clinical surgery and the surgical specialities. This completely revised specialist handbook in Operative Surgery provides concise and clear information on how to perform operations in the main surgical specialties. It provides an overview of modern operative surgical practice and gives indications for surgery providing details of operative techniques to supplement hands-on experience. It will enable the inexperienced surgeon to prepare adequately for observing, assisting at and ultimately performing a wide variety of surgical operations. It is up to date and reflects current operative surgery. It complements the highly successful Oxford Handbook of Clinical Surgery.

Oral and Maxillofacial Surgery is the fully updated third edition of the essential guide for all of those working towards the FRCS OMFS exit exam or the Diploma of Membership of the Faculty of Dental Surgery (MFDS) assessment, as well as a handy quick reference for consultants working in the field. Providing a concise and structured overview of the current oral and maxillofacial practice, the handbook covers the diagnosis and surgical treatment of diseases affecting the mouth, jaws, face, and neck. Including a combination of clinical photographs and line drawings to aid understanding, the text has been brought in line with new evidence, practice, and revised guidelines, whilst maintaining the clear, user-friendly layout and expert tips of the previous editions.

Oral and Maxillofacial Surgery Second Edition gives a concise and structured overview of current maxillofacial practice in a user friendly format. The handbook covers all specifics concerned with the diagnosis and surgical treatment of diseases affecting the mouth, jaws, face and neck. It is particularly useful to trainees in maxillofacial surgery at both junior and senior level, working towards the MFJDS and the FRCS and comprehensively covers the syllabus for exit FRCS (OMFS). The new edition updates this Oxford Specialist Handbook with respect to new evidence, practice and revised guidelines.

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 Oxford Specialist Handbook of Retrieval Medicine is a core, concise and practical text covering the complex clinical and logistical problems experienced in the retrieval environment. Focusing on evidence-based management and clear clinical guidance, this easily portable handbook provides a comprehensive and accessible guide to this growing field for all health professionals involved in the retrieval and transfer of critically ill patients. Closely mapped to the Royal College of Surgeons syllabus on retrieval and transfer medicine, this title is authored by an authoritative, international team of expert editors and specialist authors. This clinically focused text is complemented by a range of checklists and reference tools for practical and accessible use in the field. These deliver core information for use in the primary retrieval setting, allowing the retriever to structure their approach to a crisis and correct the problem with suggested interventions.

Fully updated to reflect advances in molecular genetic technologies and national guidelines on inherited cardiac diseases in families, this second edition provides a comprehensive summary of the aetiology, presentation, and management of genetic disorders of the cardiovascular system.

Extensively updated to reflect recent innovations in surgical practice, this new edition covers new topics such as robotic surgery, complete mesocolic excision, capsule colonoscopy, and the role of qFIT in lower GI investigations.

Paediatric Intensive Care gives practical and realistic advice for all those who care for critically ill children. Organised predominantly by system or speciality for easy reference, it also comprehensively covers the underlying principles that guide clinicians in every day practice.

Highly-illustrated and in line with current European guidelines, this handbook covers all aspects of the management of patients with valvular heart disease, providing clear advice on pathophysiology, diagnosis, investigation and treatment, including in special situations such as pregnancy or during non-cardiac surgery.

Readable, practical and concise, this self-contained guide to nuclear cardiology provides a foundation of essential knowledge for practitioners from any background. Including technical and clinical aspects of the subspecialty this fully updated handbook offers a core knowledge of nuclear cardiology ideal for use in a clinical setting.

Using the succinct and practical Oxford Specialist Handbook format, Head and Neck Imaging is an introduction to the theory and practice of head and neck radiology, as well as a guide to choosing and performing imaging investigations and minimally invasive procedures. Providing an overview of this challenging subspecialty, Head and Neck Imaging covers anatomy and the different diagnoses in head and neck radiology in an easily comprehensible way. Bulleted summaries of key facts in epidemiology, imaging features, prognosis and treatment guide the reader through the various imaging techniques and the ways they have direct clinical application. Highly illustrated with examples of the various imaging techniques to aid understanding, this is the definitive guide to head and neck radiology, and an ideal tool for radiology trainees and practitioners.

Comprehensive, yet practical and concise, the Oxford Specialist Handbook of Pacemakers and ICDs is the ideal training guide on how to implant, follow-up, and troubleshoot pacemakers and ICDs. Fully updated to include new technologies such as subcutaneous ICDs and MRI compatible devices, this new edition provides the latest guidelines and management strategies for the cardiology trainee and cardiac technician. Covering the principles, programming, potential complications, and troubleshooting for pacemakers, ICDs, and cardiac resynchronisation therapy, this title is an invaluable aid for anyone charged with providing or contributing to a pacing, ICD, or implantable loop recorder service. Written in a succinct bullet-point style, the second edition of the Oxford Specialist Handbook of Pacemakers and ICDs delivers key information in an accessible manner, with over 120 figures including x-rays and annotated ECGs to demonstrate pacing techniques and troubleshooting solutions.

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.

Fully revised and updated, the second edition of the Oxford Specialist Handbook 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 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.

Medical handbooks rarely provide advice on what to do when your patient has to undergo surgery. Similarly surgical handbooks focus on conditions that need surgery, and the main problems caused by that surgery. In contrast, Perioperative Medicine is a concise, practical text that gives junior doctors the guidance that they need to cope with medical problems in surgical patients that might occur early in pre-assessment clinic, the night before surgery, out-of-hours or on the wards post-operatively. It is an invaluable guide to covering surgical patients, and appeals to a wide readership, including junior surgical doctors, medical doctors covering surgical acute admissions, and members of the hospital-at-night teams. It will also appeal to medical students interested in learning more about the practical management of patients, and all those who need to know how to sort out

common, important and occasionally life threatening 'non-surgical' conditions that frequently happen in surgical patients, such as heart attacks, strokes and asthma. Previously published in the Oxford Pocket Medicine series, this new edition is fully revised and is written as a guide for trainees in surgery and its sub-disciplines dealing with day-to-day medical problems arising in surgical patients. It covers all the fundamentals of the medical care of surgical patients, with new sections on surgical oncology, theatre etiquette, and planning lists, with most text rewritten to reflect new headings and recent guidelines.

The Oxford Handbook of Paediatric Gastroenterology, Hepatology, and Nutrition has been fully updated, with new chapters on transplantation, nutritional management, and liver function and biopsy to increase the breadth and depth of coverage of this range of closely related disciplines. Written by a team of experts at the top of their field, this handbook is a practical reference manual containing information on the day-to-day management of both rare and common conditions that are encountered by those who regularly see children with gastroenterology, hepatology, and nutritional problems. Containing up-to-date information and clearly organised for ease of reference, management guidelines and references to key articles for further reading are included to make this handbook an invaluable resource for both established and trainee clinicians, as well as other members of multidisciplinary teams such as specialist nurses, dieticians, and pharmacists.

Cardiovascular Magnetic Resonance is an indispensable guide to performing and interpreting CMR scans, with comprehensive detail on what to look for, which sequences to include, how to acquire them, and how to interpret the images.

Forensic Psychiatry is an essential interdisciplinary book that is ideal for all trainees in psychiatry, clinical and forensic psychology and other forensic mental health disciplines as well as for those professionals who work with psychiatrists in a legal setting, particularly members of the legal profession, probation and the police.

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.

Cardiac catheterization and coronary angiography are both key components to routine cardiology practice. This new edition of Cardiac Catheterization and Coronary Intervention has been fully updated since the first edition, with new sections on primary percutaneous coronary intervention, trends in vascular access, bioabsorbable stents, optical coherence tomography, and more. Filled with over 150 clinical images and schematic illustrations, the handbook is an accessible 'how-to' guide, designed to de-mystify complex cardiac catheterization investigations. Expanded to reflect developments in practice, this new edition also introduces a new chapter on the multidisciplinary team and their roles and responsibilities from pre- to post-procedural care and relevant training requirements. Containing detailed instructions on how to perform a comprehensive left and right heart catheterization procedure, choosing the correct catheter for coronary and graft angiography, and how to perform a diagnostic coronary angiogram and interpret the subsequent findings, Cardiac Catheterization and Coronary Intervention acts as a concise and invaluable guide for the cardiology trainee.

Packed with over 600 high quality illustrations, this practical handbook covers both the key principles of thoracic imaging, including the relevant principles, dose considerations, and radiological signs and their meaning, and the different pulmonary diseases.

Infectious diseases remain a leading cause of child morbidity and mortality worldwide. Now in its fourth edition, Manual of Childhood Infections is a simple-to-use, evidence-based, and practical handbook on how to recognize, investigate, and manage both common and rare infectious diseases in children and babies. Endorsed by the Royal College of Paediatrics and Child Health and the European Society for Paediatric Infectious Diseases, this fully updated version of the established 'Blue Book' complements the Pan European initiatives and UK diploma courses to harmonise patient management and training in Paediatric Infectious Diseases (PID), making it essential reading for UK and European paediatricians. Manual of Childhood Infections is divided into two alphabetized sections for easy access to information, covering key diagnosis and management features of infections alongside crucial points of epidemiology and clinical features. This fourth edition forms practical reading for practising paediatricians, featuring updates to all key chapters based on a literature review alongside new chapters focusing on emerging problems for Europe.

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.

Paediatric Surgery has been fully updated to reflect current guidelines and practices, and offers a contemporary overview of the subject in general, as well as detailed information about core subjects. Structured to assist problem-solving and diagnosis, the handbook contains detailed clinical features on all aspects of neonatal and general paediatric surgical conditions, it is a key revision tool for the MRCS and FRCS Paediatrics post-graduate exams, as well as the UEMS European exam in paediatric surgery. The chapter on

common operations has been expanded, including new topics on orchidopexy, scrotal exploration, thoracotomy, and appendicectomy, as well as information on robotic surgery. There is also a new chapter on global paediatric surgery, outlining the challenges and future direction of the discipline in India, East Africa, West Africa, and South Africa. Neonatal medicine and neonatal surgery both have new topics on resuscitation, ventilation strategies, jaundice, and congenital lung abnormalities. With the knowledge level based around what is needed in clinical practice, supporting background and science is included to strengthen understanding. Pragmatic and practical, this second edition of Paediatric Surgery is a vital tool for all those who work in the field.

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. --

Concentrating on techniques rather than pain pathology, Spinal Interventions in Pain Management is focused purely on the spine. This practical handbook covers anatomy and imaging, how to choose patients, how to undertake procedures, and includes advice on potential pitfalls. Perfect reading for pain interventionalists and trainees before doing a procedure or before an exam, the book covers the most common spinal interventions for pain that pain specialists undertake, including epidurals, diagnostic facet interventions, the intra-articular injection of the sacroiliac joint and radiofrequency denervation, cervical, thoracic and lumbar discography, and neuromodulation (spinal cord stimulation and intrathecal drug delivery). Extensive illustrations, both x-rays and figures, make the book accessible and help to provide a clear understanding of the anatomy, which underpins spinal interventions.

The second edition of Stroke Medicine incorporates considerable advances in the treatment of stroke that have occurred since the first edition published. This provides an up-to-date and easily accessible source of information on all aspects of stroke care, from acute care through to rehabilitation and secondary prevention. The new edition includes some additional updates on cardiac investigation of stroke, due to novel methods for detecting atrial fibrillation, and new trial data has been added to the chapter on Treatment of Stroke. The book includes numerous illustrations and tables presenting information in an easy-to-follow way and is designed to be used by the practising physician as a practical handbook of stroke care.

A quick-reference guide for the myriad of surgical conditions that trainees and consultants in upper gastrointestinal surgery will face, containing a wealth of evidence-based expert advice as well as practical, highly-illustrated coverage of operative techniques.

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

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 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.

Oxford Specialist Handbooks in Anaesthesia offer a concise, didactic way for medical and nursing staff to access practical management advice that is portable, accessible, and reliable. Anaesthesia for Emergency Care provides essential information for trainees, staff doctors, and consultants who are expected to anaesthetize patients for emergency surgery and other life-saving interventions. It includes concise advice on providing anaesthesia in the operating suite and in other locations, such as the emergency department, radiology department, and out of hospital. The book supports the curriculum for the CCT in Anaesthetics and covers many items across all three levels of the Royal College of Anaesthetists CPD matrix.

High pressure in the lungs, or pulmonary hypertension, is most commonly due to smoking-related lung disease and conditions affecting the left heart, for example, high blood pressure in the arteries, faulty heart valves, and a weakened heart muscle. Pulmonary arterial hypertension (PAH), is a rare and complex disease, associated with many different medical conditions, which is caused by a growth of cells lining the inside of the lung arteries, resulting in high pressure in areas of the body. Both conditions lead to strain and potential failure of the right heart, and therefore awareness and early diagnosis of the condition is needed to lead to better outcomes: however this depends on education of all specialists and primary care clinicians about PAH. This practical handbook covers both PH and PAH, providing information required by the wide range of clinicians who will encounter these conditions, including cardiologists, respiratory physicians, rheumatologists, specialists in liver and AIDS medicine, and haematologists. It covers what it is, who it is likely to affect, how it is diagnosed, including the pitfalls of the various diagnostic tests, the different and evolving forms of treatment, long term management of this often devastating chronic disease, and the crucial role of multidisciplinary management in optimizing clinical care of these patients who usually have multi-system diseases. It also covers the up new classification for both PH and PAH, and new drugs that have recently become available.

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 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.

Oxford Specialist Handbooks are portable, succinct, and above all reliable guides to difficult and challenging areas of surgical practice. The second edition of Vascular Surgery has been fully revised and updated to meet the needs of the vascular surgery trainee. Providing practical advice on all commonly encountered peripheral vascular problems. It focuses on surgical detail, but also carries background information on presentation and details on preoperative investigation and postoperative management. It gives relevant information for use when seeking patient consent. Each operation carries the latest OPCS code, increasingly important in recording surgical activity.

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

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