The definitive guide to clinical neurology, the twelfth edition of Brain's Diseases of the Nervous System provides detailed coverage of the full range of major neurological conditions, and includes updated sections on genetics, development neurology, and re-written introductory chapters.

This guide enables nurses to identify which clinical problems are true emergencies, which require urgent attention and those that can wait – differential diagnoses for each clinical presentation are identified, along with the actions required to ensure effective treatment is provided.

This essential reference deals with many of the emergency situations which occur during anaesthesia practice. It describes the presentation, differential diagnosis, investigations and immediate actions for a range of problems.
With the increasing complexity and rapidly changing nature of available therapies, knowing which to use and when can be difficult. This reference provides an easily accessible guide to diagnosing and managing acute cardiovascular problems.

Emergencies in Children's and Young People's Nursing
E. A Glasper, Gill McEwing, and Jim Richardson (eds)

Emergencies in Children's and Young People's Nursing is a one-stop quick reference for children's and young people's nurses providing emergency care in the acute hospital setting.

Emergencies in Clinical Medicine
Piers Page and Greg Skinner (eds)

This reference aims to give the junior doctor the confidence to recognise these and manage emergencies. It is concise, didactic and an excellent complement to the Oxford Handbook of Clinical Medicine.

Emergencies in Clinical Radiology
Richard Graham and Ferdia Gallagher (eds)

This essential reference provides guidance for all those seeking or reporting investigations in radiology which arises in an emergency setting. It summarises the major problems faced on-call and provides advice on the most suitable radiological tests to request as well as suggesting an appropriate timescale for imaging.

Emergencies in Clinical Surgery
Chris Callaghan, J. Andrew Bradley, and Christopher Watson (eds)

This reference provides a practical, accessible guide to all emergency situations found before, during, and straight after surgery. It covers approaches to the emergency surgical
patient, problem-based emergency surgery, disease-based emergency surgery, post-
operative complications, procedures and miscellaneous material such as transfusion.

Emergencies in Critical Care
Martin Beed, Richard Sherman, and Ravi Mahajan (eds)

This essential resource provides a practical, accessible guide to all emergency situations
encountered in the critical care setting. Emergencies are very common in the critical care
setting and this resource helps critical care staff identify patients at risk, how to manage
them, and be prepared. This second edition covers new areas of importance, including
sections on how to deal with adverse events and critical incidents involving critically ill
patients, patient-safety and improved patient rescue packages, and on the practicalities of
infection control procedures.

Emergencies in Gastroenterology and Hepatology
Daniel Marks and Marcus Harbord

An easily accessible guide to diagnosing and managing critical situations, Emergencies in
Gastroenterology and Hepatology aids doctors in dealing with acutely sick patients quickly
and effectively. This resource provides practical advice on how to make difficult decisions
in an emergency situation. Areas covered include life and death emergencies, as well as the
broad problems faced by on-call Gastroenterologists and Hepatologists on a daily basis. The
focus throughout is on immediate management, but it also refers to long-term follow up for
certain problems.

Emergencies in Mental Health Nursing
Patrick Callaghan (ed.)

This resource provides a practical, accessible guide for mental health nurses confronted
with emergencies so as to enable them to manage these emergencies in a therapeutic, safe
and legally proper manner. As with all emergencies, the immediate care of patients with
mental health problems must be simple and quick, and so this resource comprises easy to
read bulleted short notes with an emphasis on establishing the diagnosis while maintaining
a high index of suspicion.
Emergencies in Obstetrics and Gynaecology
S Arulkumaran (ed.)

Print Publication Year: 2006 Published Online: Jun 2011  Publisher: Oxford University Press
Item type: book

This essential handbook provides a practical, accessible guide to emergency situations encountered in obstetrics and gynaecology. Designed around the symptoms and signs with which the patient presents to the hospital, it explains how to arrive at a differential diagnosis and to prevent, manage, or treat an emergency.

Emergencies in Oncology
Martin Scott-Brown, Roy AJ Spence, and Patrick Johnston (eds)

Print Publication Year: 2007 Published Online: Aug 2010  Publisher: Oxford University Press
Item type: book

This reference seeks to provide an easily accessible evidence based guide to the diagnosis and management of acutely ill patients with cancer. It aims to help both the oncology specialist and the non-specialist to optimally manage acutely unwell cancer patients.

Emergencies in Paediatrics and Neonatology
Stuart Crisp and Jo Rainbow (eds)

Print Publication Year: 2013 Published Online: Apr 2013  Publisher: Oxford University Press
Item type: book

The second edition of this essential handbook provides a practical, accessible guide to all emergency situations encountered in paediatrics and neonatology, from the immediately life-threatening to the smaller but urgent problems that may arise.

Emergencies in Palliative and Supportive Care
David Currow and Katherine Clark

Print Publication Year: 2006 Published Online: Aug 2010  Publisher: Oxford University Press
Item type: book

This is a practical, accessible guide to all emergency situations encountered in palliative care. It provides clinical guidance for the management of people with progressive life limiting illnesses including cancer, AIDS, end-stage organ failure and neurodegenerative diseases.
Emergencies in Primary Care
Chantal Simon, Karen O'Reilly, Robin Proctor, and John Buckmaster (eds)

This reference provides a practical, accessible guide to all emergencies encountered in primary care from the immediately life threatening to the small but urgent problems that can arise.

Emergencies in Psychiatry
Basant Puri and Ian Treasaden

This is a practical and problem-orientated accessible guide for those who have to deal with psychiatric emergencies. It contains guidance on how to assess and manage these emergencies and how to manoeuvre successfully though the practical difficulties that may arise, whilst also avoiding medical, psychiatric, and legal pitfalls.

Emergencies in Respiratory Medicine
Robert Parker, Catherine Thomas, and Lesley Bennett (eds)

Emergencies in Respiratory Medicine shows the user how to deal with emergency admissions to hospital through six sections: presentations, clinical scenarios, acute conditions, chronic conditions, practical and management issues, and investigations.

Emergencies in Sports Medicine
Julian Redhead and Jonathan Gordon (eds)

The essential quick-referral guide for any medical professional providing immediate care for patients with sporting injuries.
Emergencies in Trauma
Aneel Bhangu, Caroline Lee, and Keith Porter

This reference provides the on-call junior doctor with a rapid reference guide to the management of the key trauma topics.

Handbook of Surgical Consent
Rajesh Nair and David J. Holroyd (eds)

This valuable tool, written by experts, offers practical guidance in the principles of consent, alongside procedure-specific information on risks and benefits.

Head, Neck and Dental Emergencies
Michael Perry (ed.)

This online reference identifies and outlines the management of those diseases, injuries or complaints which occur above the collar bones. Established principles of care are emphasised, together with top tips gained from personal experiences.

Heart Failure
Miriam Johnson, Karen Hogg, and James Beattie

Excellent end of life care for people with heart failure is challenging but possible. In easily digestible summaries, this resource presents practical advice about how and when to integrate a palliative care approach alongside standard heart failure management.
Heart failure is an important and ever expanding sub-speciality of cardiology, and many health care professional bodies are now developing specialist expertise in heart failure. 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 new edition of this online resource 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, and the title is set out logically to mirror the patient journey in heart failure.

**Marsden's Book of Movement Disorders**
Ivan Donaldson, C. David Marsden, Susanne Schneider, and Kailash Bhatia

This book represents the final work of the late Professor C. David Marsden, and serves as the 'clinical Bible' for the management of movement disorders. Extensively illustrated with many original photographs and diagrams of historical significance that have not been published previously, it is an essential reference not just for movement disorder specialists and researchers, but also for clinicians who care for patients with these disorders.

**Medical Emergencies in Dentistry**
Nigel Robb and Jason Leitch

Although rare, medical emergencies can occur in the dental setting so prompt treatment is essential. This practical guide to medical emergencies in the dental surgery forms a vital part of the education of all dental students and dentists. Each common emergency is explained with symptoms and treatment outlined.

**New Oxford Textbook of Psychiatry**
Michael Gelder, Nancy Andreasen, Juan Lopez-Ibor, and John Geddes (eds)
The New Oxford Textbook of Psychiatry is one of the leading reference works in this field. Bringing together over 200 chapters from the leading figures in the discipline, it presents a comprehensive account of clinical psychiatry, with reference to its scientific basis and to the patient's perspective throughout.

Oral and Maxillofacial Surgery
Carrie Newlands and Cyrus Kerawala (eds)

The new edition of this online guide gives a concise and structured overview of current maxillofacial practice in a user friendly format. It covers all specifics concerned with the diagnosis and surgical treatment of diseases affecting the mouth, jaws, face and neck, and 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). It also encompasses new evidence and changes in guidelines and clinical practice, and features new and improved figures and photographs to illustrate procedures.

OSH A Resuscitation Room Guide
Ashis Banerjee and Chris Hargreaves

A comprehensive resource that covers all aspects of the assessment and management of patients in the resuscitation room of an Emergency Department.

OSH Addiction Medicine
Noeline Latt, Katherine Conigrave, Jane Marshall, John Saunders, and David Nutt (eds)

A concise and practical guide for students and practitioners of medicine and other health professions who come into contact with people with substance use disorders.

OSH Adult Congenital Heart Disease
Sara Thorne and Paul Clift (eds)
A rapid reference providing insight into the basic principles of congenital heart disease and giving a good grounding in the care of the adult with congenital heart disease.

OSH Advanced Respiratory Critical Care
Martin Hughes and Roland Black (eds)

This resource provides comprehensive clinical detail on respiratory disease, in an easily readable format. It is written by practising clinicians and has both in-depth theoretical discussion and practical management advice.

OSH Anaesthesia for Emergency Care
Jerry Nolan and Jasmeet Soar (eds)

This concise resource covers the provision of all aspects of anaesthesia in an emergency setting. Ideal for use in the emergency department and in emergency surgery.

OSH Applied Medicine and Surgery in Dentistry
Athanasios Kalantzis and Crispian Scully CBE

Bridging the gap between dental and medical knowledge, this resource provides postgraduate dental trainees with practical advice on dealing with clinical problems not encountered during their university training.

OSH Cardiac Anaesthesia
Matthew Barnard and Bruce Martin (eds)

This handbook aims to provide the information required for anaesthetic trainees looking after cardiac surgical patients and to provide a hands-on practical guide to what to do ‘on the spot’.

Page 9 of 25
A practical guide to performing a comprehensive cardiac catheterisation study, setting the standard for training and competency.

The first concise practical training guide for medical, technical and industry personnel needing easily accessible, detailed information on the theory and practice of modern invasive investigation and treatment of cardiac arrhythmias.

This handbook covers all areas of adult and paediatric, cardiac and thoracic surgery, and intensive care, providing rapid, on-the-spot access to practical management advice and succinct overviews of most cardiothoracic procedures.

This handbook provides practical guidance on performing, analysing and interpreting cardiovascular CT scans in an accessible format.
Cardiovascular Imaging provides an excellent overview of the current technology in X-Ray, echocardiography, cardiac magnetic resonance imaging, angiography, nuclear imaging, and computed tomography.

**OSH Cardiovascular Magnetic Resonance**  
Saul G. Myerson, Jane Francis, and Stefan Neubauer (eds)  
Print Publication Year: 2010 Published Online: Oct 2011  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199549573.001.1  
Item type: book

This is a practical guide on performing, analysing and interpreting CMR scans; though not meant as a comprehensive text book, this handbook covers all major disease areas in sufficient detail, along with sections on understanding CMR, practical aspects of scan acquisition, and integrated pathology.

**OSH Child and Adolescent Psychiatry**  
David Coghill, Sally Bonnar, Sandra Duke, Johnny Graham, and Sarah Seth  
Print Publication Year: 2009 Published Online: Oct 2011  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199234998.001.0001  
Item type: book

This title provides an authoritative and comprehensive but also rapidly accessible text in the growing specialty of child and adolescent psychiatry.

**OSH Colorectal Surgery**  
Graham J MacKay, Helen R Dorrance, Richard G Molloy, and Patrick J O'Dwyer (eds)  
Print Publication Year: 2010 Published Online: Oct 2011  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199571772.001.1  
Item type: book

This is an essential revision tool for general surgical trainees preparing for the FRCS examination, and in particular those declaring colorectal surgery as an area of special interest.

**OSH Community Paediatrics**  
Srinivas Gada (ed.)  
Print Publication Year: 2012 Published Online: Oct 2012  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199696956.001.0001  
Item type: book

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

**OSH Day Case Surgery**

Ian Smith, Douglas McWhinnie, and Ian Jackson (eds)

Print Publication Year: 2011 Published Online: Jan 2012  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199584338.001.0001  
Item type: book

This online guide provides the practising day surgery professional with a modern overview of current practice to act as both a reference and a practical guide to everyday challenges.

**OSH Dementia**

Victor Pace, Adrian Treloar, and Sharon Scott (eds)

Print Publication Year: 2011 Published Online: Oct 2011  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199237807.001.0001  
Item type: book

This resource concentrates on advanced dementia, and addresses issues such as pain management, decision-making, spiritual needs, communication, the Mental Health Capacity Act, dementia in the younger patient, and the carer's perspective.

**OSH Echocardiography**

Paul Leeson, Daniel Augustine, Andrew R.J. Mitchell, and Harald Becher

Print Publication Year: 2012 Published Online: Oct 2012  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199591794.001.0001  
Item type: book

Comprehensively updated and now including over 175 videos, this new edition is a unique 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.

**OSH End of Life Care in the ICU**

Graeme Rocker, Kathleen Puntillo, Élie Azoulay, and Judith Nelson (eds)

Print Publication Year: 2010 Published Online: Oct 2011  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199239245.001.0001  
Item type: book

End of life care in the ICU presents its own unique challenges, and this resource highlights real clinical issues which need to be addressed if quality palliative care within ICUs is to be consistently delivered.
This is a comprehensive resource which guides the reader through all aspects of epilepsy, both practical and academic, covering all aspects of diagnosis and management of the patient with epilepsy in a clear, concise and practical fashion.

This resource brings together information in an accessible single source to allow professionals from many different disciplines to have a sound understanding of the scope and limitations of fetal cardiac diagnosis and treatment. It will be of practical clinical value to all involved in fetal cardiac assessment or in the management of feto-maternal problems.

Forensic Psychiatry is an essential interdisciplinary resource 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.

This compact but comprehensive guide to all aspects of hand surgery encompasses the appropriate aspects of plastic surgery, orthopaedic surgery and hand therapy, and rheumatology and biomechanics, providing a single source of information on this specialty.
Heart Disease in Pregnancy provides a detailed introduction to the physiological changes of pregnancy and gives practical advice on the management of women with heart disease who are pregnant or who are considering pregnancy.

This resource provides state-of-the-art information concerning the pathophysiology, diagnosis, investigation and management of hypertension in the 21st century.

Inherited Cardiac Disease provides healthcare specialists involved in the diagnosis and treatment of inherited cardiovascular disorders with a clinically relevant summary of genetic diseases and readily accessible information that can be used in everyday practice.

Interventional Radiology is a comprehensive guide suitable for all levels of radiology knowledge, from medical students, nurses, radiographers, young and aspiring interventional trainees and junior consultants wishing to improve their understanding of the techniques or pursue a career in interventional radiology.
This resource provides practical guidance on end of life management for patients with renal disease. It is presented in easily accessible, bullet point style, and is illustrated with case histories from real life patients, and drug tables.

**OSH Liver and Pancreatobiliary Surgery**

Robert Sutcliffe, Charalambos Gustav Antoniades, Rahul Deshpande, Olga Tucker, and Nigel Heaton

This handbook provides concise descriptions of diseases affecting the liver, biliary tree and pancreas, including their management, focusing on interventional procedures and operative techniques.

**OSH Manual of Childhood Infections**

Andrew Cant, E. Graham Davies, David A. C. Elliman, Susanna Esposito, Adam Finn, Jim Gray, Paul T. Heath, Hermione Lyall, Andrew J. Pollard, Mary E. Ramsay, Andrew Riordan, and Delane Shingadina (eds)

Many new chapters in this new edition extend The Blue Book to include all common and rarer childhood infections, while an enhanced European and global focus reflects the changing world of international travel and imported infections.

**OSH Musculoskeletal Imaging**

Philip G. Conaghan, Philip O'Connor, and David A. Isenberg (eds)

This resource seeks to provide the reader with an insight into both which imaging techniques should be applied to particular clinical problems and how the results can be used to determine the diagnosis and management of musculoskeletal conditions.
OSH Neuroanaesthesia
Michael Nathanson, Iain K. Moppett, and Matt Wiles (eds)

This resource provides accessible, clear guidelines on neuroanaesthesia and the management of head injuries. It aims to enable trainee anaesthetists and non-specialist (general) anaesthetists to work successfully in clinical situations.

OSH Nuclear Cardiology
Nikant Sabharwal, Chee Yee-Loong, and Andrew Kelion

This resource is a 'how-to' guide to demystify nuclear cardiology procedures for general cardiologists and cardiology trainees, as well as nuclear physicians and radiologists.

OSH Obstetric Anaesthesia
Paul Clyburn, Rachel Collis, Sarah Harries, and Stuart Davies (eds)

This title covers all aspects of obstetric anaesthesia that the trainee anaesthetist will encounter on the labour ward. Its accessible style makes it essential reading for other members of the labour ward team.

OSH Old Age Psychiatry
Bart Sheehan, Salman Karim, and Alistair Burns

This title covers the scientific, clinical and service background for practitioners involved in the care of older people with psychiatric disorders.

OSH Operative Surgery
Greg R. McLatchie and David Leaper (eds)
This completely revised resource provides concise and clear information on how to perform operations in the main surgical specialties.

**OSH Ophthalmic Anaesthesia**
Chandra Kumar, Chris Dodds, and Steven Gayer (eds)

Print Publication Year: 2012 Published Online: Jan 2012
Publisher: Oxford University Press
DOI: 10.1093/med/9780199591398.001.0001

This Oxford Specialist Handbook is a concise, practical yet comprehensive guide to ophthalmic anaesthesia, covering anatomy, specific anaesthetic techniques, and the changes that have occurred in ophthalmic anaesthesia over the past decades.

**OSH Otolaryngology and Head and Neck Surgery**
Giles Warner, Andrea Burgess, Suresh Patel, Pablo Martinez-Devesa, and Rogan Corbridge

Print Publication Year: 2009 Published Online: Oct 2011
Publisher: Oxford University Press
DOI: 10.1093/med/9780199230228.001.0001

This resource aims to provide ENT trainees with the information they need to progress from their introduction to ENT practice through the hurdles of assessments and exams into independent practice in the field.

**OSH Pacemakers and ICDs**
Jonathan Timperley, Paul Leeson, Andrew RJ Mitchell, and Timothy Betts

Print Publication Year: 2007 Published Online: Oct 2011
Publisher: Oxford University Press
DOI: 10.1093/med/9780198571322.001.0001

This book is designed for the general cardiology trainee at the beginning of their pacing career to act as an aid as they start implanting, whether they are in electrophysiology, devices, or general cardiology.

**OSH Paediatric Anaesthesia**
Edward Doyle (ed.)

Print Publication Year: 2007 Published Online: Oct 2011
Publisher: Oxford University Press
DOI: 10.1093/med/9780199202799.001.0001

This title covers all aspects of modern paediatric anaesthesia; from common ENT and general surgical day case procedures through to specialist neonatal, neurosurgical, spinal and cardiac procedures restricted to paediatric centres.
An indispensible and highly-accessible guide for all healthcare professionals faced with the assessment, diagnosis and treatment of children with skin diseases.

Paediatric Endocrinology and Diabetes is aimed at junior doctors in training both as specialists and as general paediatricians, as well as specialist nurses in endocrinology and diabetes, but will also be of interest to consultants in general paediatrics and paediatricians with an interest in endocrinology and diabetes.

Paediatric gastroenterology, hepatology, and nutrition encompass a wide range of paediatric practice with conditions being managed in a wide variety of settings, dependent upon their complexity. This book is a practical reference for practitioners who commonly see such conditions both in training and in clinical practice. The chapters reflect common situations encountered in practice.

Divided into sections to allow quick access to the necessary information, this title covers general principles of diagnosis and treatment, short and long term care, and oncological emergencies, before moving on to chapters on specific diseases.
Paediatric Intensive Care gives practical and realistic advice for children's doctors and nurses in intensive care.

This resource provides up-to-date information for the general paediatrician and paediatric nephrologist, including advice on care of emergencies, chronic disorders and covering common and rare conditions. It is highly relevant for the day-to-day care of patients on the ward or in the outpatient clinic.

This resource is an accessible tool for practising and trainee paediatric neurologists. It aids diagnosis and patient management in child neurology, with a rational and efficient approach to assessment, investigation and treatment.

Paediatric Palliative Medicine comprehensively covers areas such as ethics, bereavement, religious rituals and legality around death, and includes a quick-reference drug formulary.

OSH Paediatric Radiology

Karl Johnson, Helen Williams, Katharine Foster, and Claire Miller
This resource encompasses all aspects of paediatric radiology. It provides an overview of how to approach the imaging of children including the relative values of each of the imaging modalities for paediatric pathology.

**OSH Paediatric Rheumatology**
Helen E. Foster and Paul A. Brogan (eds)
Print Publication Year: 2012 Published Online: Jul 2012
Publisher: Oxford University Press
DOI: 10.1093/med/9780199592630.001.0001

This resource covers anatomy and physiology before moving on to identification and management of specific rheumatological disorders found in young people. As well as covering common and less common rheumatology problems, there are also chapters on rheumatology investigations and emergencies, designed for quick reference.

**OSH Paediatric Surgery**
Mark Davenport and Agostino Pierro (eds)
Print Publication Year: 2009 Published Online: Oct 2011
Publisher: Oxford University Press
DOI: 10.1093/med/9780199208807.001.0001

Paediatric Surgery offers a thorough, practical overview of the subject as well as detailed information about a wide variety of unusual and unfamiliar conditions.

**OSH Parkinson's Disease and Other Movement Disorders**
Mark Edwards, Niall Quinn, and Kailash Bhatia
Print Publication Year: 2008 Published Online: Oct 2011
Publisher: Oxford University Press
DOI: 10.1093/med/9780198569848.001.0001

This resource aims to help neurologists and other doctors in the recognition and treatment of Parkinson's Disease and other movement disorders.

**OSH Perioperative Medicine**
Joanna Chikwe, Axel Walther, and Phil Jones
Print Publication Year: 2009 Published Online: Oct 2011
Publisher: Oxford University Press
DOI: 10.1093/med/9780199533350.001.0001

New to this edition of Perioperative Medicine are new sections on surgical oncology, theatre etiquette, planning lists.
OSH Plastic and Reconstructive Surgery
Henk Giele and Oliver Cassell

Plastic and Reconstructive Surgery has been designed to provide succinct information to plastic surgeons of all levels of experience and trainees in partner specialties.

OSH Post-operative Complications
David Leaper and Iain Whitaker (eds)

This wide-reaching and practical resource covers all aspects of post-surgical complications.

OSH Pulmonary Hypertension
Clive Handler and Gerry Coghlan

This accessible reference resource helps clinicians in all relevant specialties understand how to diagnose and manage the conditions of pulmonary hypertension and pulmonary arterial hypertension, and includes information on when and whom to refer patients to.

OSH Renal Transplantation
Nicholas Torpey, Nadeem E Moghal, Evelyn Watson, and David Talbot (eds)

Renal Transplantation has been written for use by trainees, doctors and nurses that are exposed to renal transplant patients and their donors.

OSH Respiratory Disease
Anna Spathis, Helen E. Davies, and Sara Booth
This resource provides practical guidance to professionals who care for patients with advanced respiratory disease. It gives evidence-based advice on a wide range of topics, including management of respiratory and non-respiratory symptoms, chronic respiratory failure, and respiratory emergencies.

**OSH Spinal Interventions in Pain Management**
Karen Simpson, Ganesan Baranidharan, and Sanjeeva Gupta

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.

**OSH Stroke Medicine**
Hugh Markus, Anthony Pereira, and Geoffrey Cloud

This resource provides rapid access to up-to-date, practical information on how to look after stroke patients. It offers a ready source of information for both stroke trainees and consultants.

**OSH Surgical Oncology**
M Asif Chaudry and Marc Christopher Winslet (eds)

This resource is an essential accompaniment for all higher surgical trainees from MRCS to the exit FRCS and EBSQ exams, and will be particularly useful for trainees rotating between surgical subspecialties, as well as having wide appeal to other members of the multidisciplinary team.

**OSH Thoracic Anaesthesia**
Jonathan Wilkinson, Stephen H. Pennefather, and Robert A. McCahon (eds)
This resource provides an easily accessible, informative, and palatable guide to this often complex subject. Whether on-call, running day-to-day lists or working within critical care, this indispensable online guide will optimise the preparedness of all staff in dealing with any case, whether simple or complex.

OSH Thoracic Imaging
Sujal R. Desai, Susan J. Copley, Zelena A. Aziz, and David M. Hansell

Covering the essential elements of pulmonary imaging in a concise and digestible format, this resource deals with both the key principles of thoracic imaging, including a separate section on the common radiological terms used to describe pulmonary pathology, and the principal pathological compartments that are affected in specific disease processes. It is packed with over 600 high quality illustrations to highlight the important radiological features in the different diseases, with an emphasis on chest radiography (CXR) and computed tomography (CT) to mirror routine clinical practice.

OSH Urological Surgery
John Reynard, Stephen Mark, Kevin Turner, Noel Armenakas, Mark Feneley, and Mark Sullivan

The Oxford Specialist Handbook of Urological Surgery is a comprehensive online resource of urological surgical techniques and is designed specifically for the trainee urological surgeon, whether he or she intends to be an office-based urologist, or a specialist urology surgeon.

OSH Valvular Heart Disease
James Newton, Nikant Sabharwal, Saul G. Myerson, Stephen Westaby, and Bernard Prendergast

This unique online resource covers all aspects of valvular heart disease, including normal valve anatomy and physiology, pathophysiology, modes of investigation, assessment and treatment of specific valve lesions, valve surgery, and the devastating complication of infective endocarditis, in an easy to read, accessible format.
This second edition of Vascular Surgery has been fully revised and updated to meet the needs of the vascular surgery trainee. It provides practical advice on all commonly encountered peripheral vascular problems. It focuses on surgical detail, but also carries background information on presentation and discusses preoperative investigation and postoperative management. It also provides relevant information for use when seeking patient consent. Each explanation of an operation carries the latest OPCS code, which is increasingly important in recording surgical activity.

The Oxford Handbook for the Foundation Programme returns for a new edition with clear and thorough clinical guidance and honest advice to help you excel in your first two years as a doctor. This new online edition has been fully updated in line with the latest guidelines from NICE, Resuscitation Council UK, and the British Thoracic Society among others. It gives you practical, step-by-step guidance on everything from neurological to gastroenterological presentations. Emergency presentations are highlighted in red and indexed to give you fast access to the information you need. This edition also includes a fully revised chapter on pharmacopeia with references to the British National Formulary, as well as chapters on practical procedures and interpreting results. It’s also a unique resource for things they don't teach you at medical school about being a doctor and life on the wards. The authors have drawn on their own experiences and careful research to help you understand issues ranging from your pay and pension, stress and workplace relations, paperwork, and career development.

The Oxford Handbook of Acute Medicine is the essential guide to the management of the acutely ill patient. It features expanded material on practical procedures and new information on common presentations.
The Oxford Handbook of Adult Nursing gives expert and practical advice on all aspects of the nurse's role. It provides a complete picture of the care of adults with chronic and acute illness, and covers the role of the nurse as manager and co-ordinator of care. It is written by practising nurses and is an invaluable source of information.

The bestselling Oxford Handbook of Anaesthesia has been completely updated for this new third edition, featuring new material on regional anaesthesia, and a comprehensive section on anaesthesia for interventional radiology. This is the essential handbook for anaesthetists, both junior and experienced.

Taking a systematic approach to the main areas of cancer nursing practice, the Oxford Handbook of Cancer Nursing covers all aspects of cancer care. It guides the user from pre-diagnosis, through treatment, to issues of advanced disease and palliative care. It includes cancer biology, genetics and treatments, as well as new targeted and complementary therapies.
This new edition of the Oxford Handbook of Cardiac Nursing includes expanded information on prevention of cardiovascular disease and heart disease in pregnancy, as well as the latest resuscitation guidelines, protocols, and clinical information. It covers assessment, investigation, treatment, rehabilitation, and pharmacological interventions, and new illustrations and diagrams have been added throughout to aid clarity of information. Although a large part of it focuses on caring for patients with coronary heart disease, many other cardiovascular problems, such as valvular heart disease, congenital heart disease, and cardiomyopathies are covered. Designed to be used on the ward, in the community, and for studying and revision, it contains expert guidance, written by experienced nurses and teachers. This resource is specifically laid out to enable quick access to precise, targeted information, and covers the vast majority of clinical scenarios.

The Oxford Handbook of Cardiology provides practical advice and background information on common cardiac conditions, including coronary artery disease, cardiomyopathies and heart failure.

The Oxford Handbook of Children's and Young People's Nursing gives concise, practical and expert advice on all aspects of the nurse's role. Written for both practising and student
nurses, it is a comprehensive and reliable guide to the care of children and young people in a family context.

**Oxford Handbook of Clinical and Laboratory Investigation**

Drew Provan (ed.)

Print Publication Year: 2010 Published Online: Aug 2010  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199233717.001.0001  
Item type: book

This invaluable reference is a compendium of investigations relevant to modern medical practice. It provides a synopsis of most of the investigative techniques used in the basic medical sciences and the major clinical specialties. In addition there are sections devoted to imaging tests including radiology and nuclear medicine.

**Oxford Handbook of Clinical Dentistry**

David A. Mitchell and Laura Mitchell

Print Publication Year: 2014 Published Online: Aug 2014  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199679850.001.0001  
Item type: book

Concise and practically focused, this new edition of the Oxford Handbook of Clinical Dentistry balances a pragmatic approach alongside evidence-based clinical knowledge, guidelines and protocols. With even more images and diagrams to aid understanding, it has been fully updated with sources and further reading, including the most up-to-date e-learning and web resources. This online resource includes revised chapters on fast-moving areas of dental practice such as therapeutics and anaesthesia, as well as updates on the aetiology and management of cancer, reflecting recent discoveries. New material also includes the impact of bisphosphonates, and new approaches to the management of Class III malocclusions in the growing child. Sections on the differences in healthcare and legal requirements of the UK devolved countries have been added, and all life support protocols have been updated.

**Oxford Handbook of Clinical Diagnosis**

Huw Llewelyn, Hock Aun Ang, Keir Lewis, and Anees Al-Abdullah

Print Publication Year: 2014 Published Online: Aug 2014  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199679867.001.0001  
Item type: book

This new edition of this online resource is set out systematically with symptoms and signs through each specialty, and includes a detailed description of the basis of logical evidence-based differential diagnosis. It has been updated with more straightforward diagrams as well as brand new images to help aid understanding. Including rarer diagnoses alongside common conditions, and vital information about longer-term management alongside the initial treatments, it will ensure excellence and confidence no matter what signs and
symptoms a patient presents with, and it will provide practical help when dealing with problems outside an area of expertise or in unforeseen situations.

**Oxford Handbook of Clinical Examination and Practical Skills**

James Thomas and Tanya Monaghan

Fully updated and revised for this second edition, the Oxford Handbook of Clinical Examination and Practical Skills is a guide to all aspects of history taking, physical examination, practical procedures, data interpretation, and communication skills. Packed with expert knowledge and practical guidance it gives realistic advice on coping with common situations. The structure allows rapid reference of key information, and aids understanding with concise and practical clinical guidance. With over 140 detailed photographs and diagrams of all common examination skills, it shows exactly what to do along with the related theory, practice, and complications. Each system chapter covers applied anatomy, history, examination, and the presentation of common and important disorders. Data interpretation covers the basics of x-rays, ECGs and other key areas. A new chapter on the eyes is included, along with the sections on body language and non-verbal communication, and the section on practical procedures has been expanded.

**Oxford Handbook of Clinical Haematology 4e**

Drew Provan, Trevor Baglin, Inderjeet Dokal, and Johannes de Vos

The Oxford Handbook of Clinical Haematology provides core and concise information on the entire spectrum of blood disorders affecting both adults and children. Updated for its fourth edition, it includes all major advances in the specialty, including malignant haematology, haemato-oncology, coagulation, transfusion medicine, and red cell disorders, with a brand new chapter on rare diseases. It is divided into clinical approach and disease-specific areas. The clinical approach section outlines various symptoms and signs in patients with blood disease to enable the reader to formulate a sensible differential diagnosis before embarking on investigation and treatment. The disease-specific section is written by four authors whose expertise covers the whole breadth of diseases included in the book. All authors have contributed to national guidelines (e.g. British Committee for Standards in Haematology, BCSH) and are experts in the evidence base that exists for each topic.

**Oxford Handbook of Clinical Immunology and Allergy**

Gavin Spickett
The Oxford Handbook of Clinical Immunology and Allergy is a unique, practical and clinically relevant guide for clinicians and laboratory staff to assist with the diagnosis and management of immunological/allergic disease, and the correct selection and interpretation of immunological tests, and has been expanded to include the latest developments, drugs, diagnostic tests, and therapy options in the field.

Oxford Handbook of Clinical Medicine
Murray Longmore, Ian Wilkinson, Andrew Baldwin, and Elizabeth Wallin

Now in its ninth edition, the Oxford Handbook of Clinical Medicine continues to be the definitive guide to medicine. The culmination over 25 years of experience at the bedside and in the community, this resource is packed with practical advice, wit, and wisdom. It presents clinical information in a clear way that makes it easy to revise, remember, and implement on the ward. It gives reliable advice on what to do, and when and how to do it, with clinical photographs and diagrams that bring theory to life. Uniquely, it weaves history, literature, art, and philosophy into its survey of medicine, casting new light on the specialties and encouraging the reader to see beyond the practical aspects of medicine and adopt a patient-centred approach to care. With a more modern design and over 600 colour images and illustrations, this title has been completely revamped with systematic flowcharts and new illustrations so that it better reflects real bedside practice and is easier to use. Every chapter has been composed with supervision from experts in each field to ensure accuracy, and updated to reflect relevant guidelines from the NHS, NICE, the Resuscitation Council, and other key professional bodies.

Oxford Handbook of Clinical Pathology
James Carton

The Oxford Handbook of Clinical Pathology is an accessible and easy-to-use resource, which explains the pathology behind important and common diseases relevant to the whole range of medical and surgical specialties.

Oxford Handbook of Clinical Pharmacy
Philip Wiffen, Marc Mitchell, Melanie Snelling, and Nicola Stoner

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The overall goal of clinical pharmacy is to promote the correct and appropriate use of prescription and non-prescription medicinal products and devices, and to minimize adverse effects. This is the definitive quick reference guide to clinical pharmacy, providing practising and student pharmacists with a wealth of practical information.

Oxford Handbook of Clinical Rehabilitation
Anthony Ward, Michael Barnes, Sandra Stark, and Sarah Ryan

This is a comprehensive reference suitable for the whole rehabilitation team, that summarises the management of common symptoms and disorders, and also outlines the increasing evidence base for the efficacy of these techniques.

Oxford Handbook of Clinical Skills for Children's and Young People's Nursing
Paula Dawson, Louise Cook, Laura-Jane Holliday, and Helen Reddy (eds)

The Oxford Handbook of Clinical Skills for Children's and Young People's Nursing provides a concise, current, and evidence-based practical guide to all clinical skills relating to the care of children and young people.

Oxford Handbook of Clinical Skills in Adult Nursing
Jacqueline Randle, Frank Coffey, and Martyn Bradbury (eds)

This title provides a practical and evidence-based guide to the essential elements of clinical skills for nursing practice. Taking a systems-based approach to the care of patients, it is an invaluable guide to the majority of clinical scenarios, helping nurses and other health care workers to perform clinical skills safely and competently.

Oxford Handbook of Clinical Specialties
Judith Collier, Murray Longmore, and Keith Amarakone

Page 5 of 29
Twelve subject-based guides in one, the Oxford Handbook of Clinical Specialties is the ultimate companion to the Oxford Handbook of Clinical Medicine. This new edition has been fully updated to provide all the relevant knowledge needed in modern clinical practice, and maintains its unique patient-centred outlook on medicine.

Oxford Handbook of Clinical Surgery
Greg McLatchie, Neil Borley, and Joanna Chikwe (eds)

The Oxford Handbook of Clinical Surgery 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.

Oxford Handbook of Complementary Medicine
Edzard Ernst, Max H Pittler, Barbara Wider, and Kate Boddy

This comprehensive reference provides healthcare professionals with accessible information on complementary and alternative medicine (CAM). Presenting the evidence-base for each treatment and providing clear advice about the effectiveness and safety of CAM, this is an essential resource for all clinicians interested in alternative therapies.

Oxford Handbook of Critical Care
Mervyn Singer and Andrew Webb

Patient-centred and practical, the Oxford Handbook of Critical Care serves the consultant, trainee, nurse, and other allied health professionals as both a reference and aide memoir, as an indispensable guide to all aspects of critical care.

Oxford Handbook of Critical Care Nursing
Sheila K Adam and Sue Osborne
The Oxford Handbook of Critical Care Nursing provides nurses working in critical care with an easily accessible guide to the knowledge and nursing care skills needed in critical care. Patient-centred, this is the essential practical resource for all nurses working in critical care.

**Oxford Handbook of Dental Nursing**
Elizabeth Boon, Rebecca Parr, Dayananda Samarawickrama, and Kevin Seymour (eds)

This resource serves as a practical, easily accessible, informative, and up-to-date quick reference guide that a dental nurse can use throughout their career, from the initial training stage to qualification and beyond. It enables users to find relevant information quickly, and will support dental nurses in their everyday work and provide easy access to information they may require in clinical sessions.

**Oxford Handbook of Diabetes Nursing**
Lorraine Avery (ed.), and Sue Beckwith (ed.)

The Oxford Handbook of Diabetes Nursing provides a comprehensive overview of diabetes care. It compiles evidence, information and guidance on the area making it an essential tool for practice nurses with a special interest in diabetes, as well as a useful resource for those working in community and acute settings.

**Oxford Handbook of Dialysis**
Jeremy Levy, Edwina Brown, Christine Daley, and Anastasia Lawrence

The Oxford Handbook of Dialysis provides a patient-centred and comprehensive guide to all aspects of dialysis, covering everything from patient preparation and details of both haemo- and peritoneal dialysis, to continuous haemofiltration techniques and complications of end stage kidney disease.

**Oxford Handbook of Emergency Medicine**
Jonathan P. Wyatt, Robin N. Illingworth, Colin A. Graham, and Kerstin Hogg
This resource provides practical, accessible guidelines on a huge range of situations that present to the emergency department. Deliberately precise and prescriptive, it gives up-to-date step-by-step advice on presentation, investigation, diagnosis, emergency treatment and further referral for adult and paediatric patients.

Oxford Handbook of Emergency Nursing
Robert Crouch OBE, Alan Charters, Mary Dawood, and Paula Bennett (eds)
Print Publication Year: 2009 Published Online: Aug 2010
Publisher: Oxford University Press
DOI: 10.1093/med/9780199203499.001.0001

This invaluable reference provides guidance on the particular issues faced by emergency nurses. Taking a systems-based approach, practical advice is given on common and rarer occurrences encountered in the emergency setting. Immediate management, investigations, onward referral and practical skills are covered in a succinct format.

Oxford Handbook of Endocrinology and Diabetes
John Wass and Katharine Owen (eds)
Print Publication Year: 2014 Published Online: Mar 2014
Publisher: Oxford University Press
DOI: 10.1093/med/9780199644438.001.0001

The Oxford Handbook of Endocrinology and Diabetes has been fully revised for its third edition, and includes new dedicated chapters on endocrine surgery, endocrinology and ageing, and obesity, as well as new topics, including intrinsic imperfections of endocrine replacement therapy, transition to adult care, and survivors of childhood cancer. Written in conjunction with the Oxford Textbook of Endocrinology and Diabetes, it covers clinical investigation and management of both common and rare conditions. Following the latest protocols and clinical guidelines it ensures readers are up-to-date with the latest clinical care and practice.

Oxford Handbook of ENT and Head and Neck Surgery
Rogan Corbridge and Nicholas Steventon
Print Publication Year: 2009 Published Online: Aug 2010
Publisher: Oxford University Press
DOI: 10.1093/med/9780199550791.001.1

This is a unique and comprehensive guide to ENT aimed at medical students and junior doctors. The detailed management plans and rationale for treatments, along with their advantages and disadvantages are useful for anyone managing patients with ENT and head and neck disorders.
This comprehensive resource not only summarises the management of common symptoms and disorders but also outlines the increasing evidence base for the efficacy of these techniques. This new edition has been fully revised to appeal to the whole rehabilitation team.

Oxford Handbook of Expedition and Wilderness Medicine
Chris Johnson, Sarah Anderson, Jon Dallimore, Shane Winser, and David A. Warrell

This resource provides practical information on the prevention and treatment of medical problems in extreme environments. An essential reference for expeditions and travellers to remote areas, it offers guidance on maintaining the physical and psychological health of team members under the stresses and challenges of an expedition.

Oxford Handbook of Forensic Medicine
Jonathan P. Wyatt, Tim Squires, Guy Norfolk, and Jason Payne-James

This resource acts as a practical guide for clinical forensic specialists. It contains basic background information on the legal aspects of medicine for doctors, nurses and medical students.

Oxford Handbook of Gastroenterology and Hepatology
Stuart Bloom, George Webster, and Daniel Marks

This resource provides up-to-date, practical advice on the management of common conditions for trainees and specialists in gastroenterology and hepatology. It covers approaches to clinical problems, including infectious disease and gastrointestinal problems in developing countries.
The Oxford Handbook of Gastrointestinal Nursing is a comprehensive guide to the management of gastrointestinal patients. Content is organised in three sections: the principles of gastrointestinal nursing, the sections of the gut, and specific disorders of the digestive system - an indispensable tool for all gastrointestinal nurses.

Fully revised to reflect the new changes to the GP contract and the GP curriculum, this fourth edition of the best-selling Oxford Handbook of General Practice is a practical guide to all aspects of general practice, including everything from vital clinical information to valuable practical guidance from experienced GPs. Comprehensively covering everything a doctor needs to work in, or manage a GP practice, this resource ensures readers are always up-to-date with the latest guidelines, the most recent protocols, and cutting-edge clinical information. It is fully illustrated, features many useful figures, diagrams, management boxes, and tables, and new full colour photographs have been added to the dermatology and ophthalmology chapters.

An invaluable reference for the primary health care team and junior doctor in training, the Oxford Handbook of Genetics provides accessible information on specific genetic diseases, and possible genetic components of the major diseases. It assists with why, when, and where to refer patients, and affected families, to get the best advice about genetic disease.
The new edition of this successful resource provides a balance of evidence-based information on Genitourinary Medicine (GUM), including HIV/AIDS. It provides high quality, digestible clinical detail and also practical information on the ever-increasing medico-legal, ethical, and procedural issues of growing importance when dealing with these complex topics.

Oxford Handbook of Geriatric Medicine
Lesley Bowker, James Price, and Sarah Smith

The Oxford Handbook of Geriatric Medicine provides user-friendly advice in a field that has limited evidence, yet makes up a substantial proportion of the work of most clinicians.

Oxford Handbook of Infectious Diseases and Microbiology
Estee Torok, Ed Moran, and Fiona Cooke

This Handbook takes an integrated approach to both infectious disease and microbiology. Referenced to national frameworks and current legislation, it covers the basic principles of bacteriology and virology, specific information on diseases and conditions, and material on 'hot topics' such as bioterrorism and preventative medicine.

Oxford Handbook of Key Clinical Evidence
James Harrison, Kunal Kulkarni, Mohamed Baguneid, and Bernard Prendergast (eds)

This online reference digests and presents the key trials influencing current clinical practice, selected and summarised by figureheads in the medical and surgical specialties. The presentation of information allows users to quickly access and assimilate the evidence behind the practices and interventions experienced every day.

Oxford Handbook of Learning and Intellectual Disability Nursing
Bob Gates and Owen Barr (eds)
The Oxford Handbook of Learning and Intellectual Disability Nursing is a practical, easily accessible, informative and up-to-date quick reference guide for students and practitioners of intellectual disability nursing who require guidance on the specific nursing care needs of patients with learning or intellectual disability.

**Oxford Handbook of Medical Dermatology**
Susan Burge and Dinny Wallis

Print Publication Year: 2010 Published Online: Sep 2011  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199558322.001.0001  
Item type: book

Oxford Handbook of Medical Dermatology This resource provides accessible and practical advice on medical dermatology that meets the needs of healthcare professionals working in hospitals. It will also be of value to those working in the community, and to medical students.

**Oxford Handbook of Medical Imaging**
M J Darby, D Barron, and R E Hyland (eds)

Print Publication Year: 2011 Published Online: Jan 2012  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199216369.001.0001  
Item type: book

A practical quick reference guide to the main techniques used to image common medical and surgical conditions.

**Oxford Handbook of Medical Sciences**
Robert Wilkins, Simon Cross, Ian Megson, and David Meredith (eds)

Print Publication Year: 2011 Published Online: Sep 2011  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199588442.001.0001  
Item type: book

Written by biomedical scientists and clinicians to disseminate the fundamental scientific principles that underpin clinical medicine, this second edition of the Oxford Handbook of Medical Sciences provides a clear, easily digestible account of basic cell physiology and biochemistry, and an investigation of the traditional pillars of medicine.

**Oxford Handbook of Medical Statistics**
Janet Peacock and Philip Peacock

Print Publication Year: 2010 Published Online: Jun 2011  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199551286.001.0001  
Item type: book
Written in an easily accessible style, the Oxford Handbook of Medical Statistics provides doctors and medical students with a concise and thorough account of this often difficult subject. It promotes understanding and interpretation of statistical methods across a wide range of topics, from study design and sample size considerations, through t- and chi-squared tests, to complex multifactorial analyses, using examples from published research.

**Oxford Handbook of Mental Health Nursing**  
Patrick Callaghan and Helen Waldock (eds)  
Print Publication Year: 2006 Published Online: Aug 2010  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780198568988.001.0001  
Item type: book

The Oxford Handbook of Mental Health Nursing provides a complete picture of the prevalence, features and nursing management of the major mental disorders, with extra coverage of hot topics like the Mental Health Act and management of violence. A unique guide to almost all clinical scenarios, this material has been written by practising nurses and contains a wealth of guidance and information.

**Oxford Handbook of Midwifery**  
Janet Medforth, Sue Battersby, Maggie Evans, Beverley Marsh, and Angela Walker (eds)  
Print Publication Year: 2011 Published Online: Sep 2011  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199584673.001.0001  
Item type: book

This unique and bestselling resource provides midwives with everything they need for successful practice. It contains concise, practical and expert guidance on all aspects of the midwife’s role, from pre-conceptual advice to the final post-natal examination of the mother and baby.

**Oxford Handbook of Musculoskeletal Nursing**  
Susan Oliver (ed.)  
Print Publication Year: 2009 Published Online: Aug 2010  
Publisher: Oxford University Press  
DOI: 10.1093/med/9780199238330.001.0001  
Item type: book

The Oxford Handbook of Musculoskeletal Nursing is a practical, informative and up-to-date quick reference guide for nurses and practitioners who require guidance on the care of patients with musculoskeletal conditions, either from an inpatient management or chronic disease management community care perspective.

**Oxford Handbook of Neonatology**  
Grenville Fox, Nicholas Hoque, and Timothy Watts  
Print Publication Year: 2009 Published Online: Aug 2010  
Publisher: Oxford University Press
This unique guide meets the needs of all healthcare professionals involved in the care of newborn babies. It delivers rapidly accessible and practical advice to the clinician which can be applied at the cot-side.

Oxford Handbook of Nephrology and Hypertension

Simon Steddon, Alistair Chesser, John Cunningham, and Neil Ashman

Completely updated and expanded for its second edition, the popular Oxford Handbook of Nephrology and Hypertension provides wide-ranging and practical advice for the day-to-day management of all forms of renal disease, and is the ideal reference for all those involved in the care of patients with kidney disease. With a strong focus on pragmatic guidance, this resource will help confidently manage both common and complex nephrological problems and covers all areas from early chronic kidney disease (CKD) through to dialysis and transplantation, with the chapters on AKI, CKD, transplantation and essential urology having been significantly expanded.

Oxford Handbook of Neurology

Hadi Manji, Seán Connolly, Neil Kitchen, Christian Lambert, and Amrish Mehta

Fully updated for this second edition, the Oxford Handbook of Neurology is the definitive guide for all those working in neurology and neurosurgery. This practical and concise quick-reference resource includes a wealth of information and invaluable clinical guidance to ensure all readers stay up-to-date in this fast-moving specialty. Now including brand new chapters on neurological emergencies and neurology within other medical specialties, this online guide includes the most current management and treatment options, drugs, and neurosurgical techniques. Covering the entire breadth of neurology with additional sections on neuroanatomy, neurosurgery, neuroradiology and neurophysiology, it includes common presentations and disorders as well as information on neurological assessment. Also included are illustrations to ensure ease-of reference, and valuable clinical advice from experts in the field.

Oxford Handbook of Neuroscience Nursing

Sue Woodward and Catheryne Waterhouse (eds)

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This is an invaluable resource covering relevant and practical clinical guidance in dealing with complex clinical situations, for those caring for people with neurological problems for the first time. It enables the user to meet the needs of people with neurological problems wherever they are encountered, be it in a neurology, neurosurgery, critical care or rehabilitation setting.

**Oxford Handbook of Nursing Older People**
Beverley Tabernacle, Marie Honey, and Annette Jinks (eds)

Concentrating on the knowledge and skills needed by nurses working with older people, this is an invaluable source of information for both student and practising nurses. Acting as both a reference guide and support in everyday clinical decision-making, it is written by experienced nurses and contains a wealth of guidance and information.

**Oxford Handbook of Nutrition and Dietetics**
Joan Gandy, Angela Madden, and Michelle Holdsworth (eds)

This online resource provides an integrated approach which facilitates the links between all aspects of nutrition and dietetics. Including nutritional science and based on clinical evidence, it covers everything you will need to be able to carry out your role effectively and confidently.

**Oxford Handbook of Obstetrics and Gynaecology**
Sally Collins, Sabaratnam Arulkumaran, Kevin Hayes, Simon Jackson, and Lawrence Impey (eds)

Fully revised for a third edition, the best-selling Oxford Handbook of Obstetrics and Gynaecology is now better than ever. It includes new algorithms for patient management, new images and full colour photographs, and new and expanded topics including female genital mutilation, consent for operations, and pre-operative assessment.
Fully revised for this second edition, the Oxford Handbook of Occupational Health is a concise practice-based guide that brings together the latest legislation and guidance with current practice in the field, and is the authoritative guide to assessing and managing health risks in the workplace.

The 3rd edition of this practical online guide to clinical consultations in oncology also details new approaches to diagnosis, treatment and the principles of palliative care.

Fully revised, the new third edition of the Oxford Handbook of Ophthalmology is a concise, systematic guide to all aspects of diagnosis, assessment, and ongoing management of ophthalmic diseases and conditions. Closely aligned with the curriculum for the ophthalmic postgraduate exams, and containing the most up-to-date clinical guidance and practical advice, this is the essential resource for all those caring for ophthalmic patients. It covers the key information for both trainees and specialists, from clinical methods and the use of ophthalmic instruments, to basic perioperative care and advanced life support protocols. It also includes new chapters covering laser procedures and theatre notes, as well as new sections on emerging technologies such as adaptive optics and gene therapy for retinal diseases.
Practical and based on the latest clinical evidence and guidelines, the Oxford Handbook of Oral and Maxillofacial Surgery is the definitive guide for anyone working in oral and maxillofacial departments or covering the specialty during their surgical rotation.

**Oxford Handbook of Orthopaedic and Trauma Nursing**
Rebecca Jester, Julie Santy, and Jean Rogers MSC

- Print Publication Year: 2011 Published Online: Sep 2011
- Publisher: Oxford University Press
- DOI: 10.1093/med/9780199569809.001.0001

Oxford Handbook of Orthopaedic and Trauma Nursing is a practical, comprehensive guide to all aspects of practice in the field. Taking into account the latest evidence, it is well-illustrated and written in a clear and concise style, providing both the qualified practitioner and the nursing student with the information they need.

**Oxford Handbook of Orthopaedics and Trauma**
Gavin Bowden, Martin McNally, Simon Thomas, and Alexander Gibson (eds)

- Print Publication Year: 2010 Published Online: Jun 2011
- Publisher: Oxford University Press
- DOI: 10.1093/med/9780198569589.001.0001

The Oxford Handbook of Orthopaedics and Trauma offers junior doctors, medical students, and all those with an interest in the field the practical and up-to-date information needed for clinical practice. It presents the essentials of orthopaedics and trauma in a concise and user-friendly style for use with patients, in the operating room, and in tutorials.

**Oxford Handbook of Paediatrics**
Robert C. Tasker, Robert J. McClure, and Carlo L. Acerini (eds)

- Print Publication Year: 2013 Published Online: Jan 2013
- Publisher: Oxford University Press
- DOI: 10.1093/med/9780199608300.001.0001

This invaluable reference covers all significant aspects of acute and chronic paediatrics. Areas such as neonatology, surgery, genetics and congenital malformations and child protection are covered in a user-friendly and succinct style.

**Oxford Handbook of Pain Management**
Peter Brook, Tony Pickering, and Jayne Connell (eds)

- Print Publication Year: 2011 Published Online: Sep 2011
- Publisher: Oxford University Press
- DOI: 10.1093/med/9780199298143.001.0001

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An essential resource for all clinicians involved in the management of pain, this book brings together the information necessary to provide a truly biopsychosocial approach to the care of patients in pain, and helps the practitioner define the most appropriate therapy for individual conditions.

**Oxford Handbook of Palliative Care**
Max Watson, Caroline Lucas, Andrew Hoy, and Jo Wells

Updated throughout with an additional emphasis on nursing care, this resource is a concise and authoritative guide to modern palliative care. Easily accessible, it's ideal for the busy professional managing patients with end of life care needs.

**Oxford Handbook of Perioperative Practice**
Suzanne Hughes and Andy Mardell (eds)

Provides practical, easily accessible and up-to-date evidence-based information on the essential elements of perioperative practice.

**Oxford Handbook of Practical Drug Therapy**
Duncan Richards, Jeffrey Aronson, D. John Reynolds, and Jamie Coleman

The Oxford Handbook of Practical Drug Therapy mirrors the leading national guides to prescribing. The safe and effective use of medicine requires a sound knowledge of pharmacology. As readers use this practical resource, they will increase their knowledge.

**Oxford Handbook of Prescribing for Nurses and Allied Health Professionals**
Sue Beckwith and Penny Franklin

The Oxford Handbook of Prescribing for Nurses and Allied Health Professionals, Second Edition gives concise, practical and expert advice on all aspects of non-medical prescribing, and has been completely revised and updated since the first edition. Containing the practical
principles nurses and other non-medical prescribers need to practice safely, effectively and cost-consciously whatever the situation, it provides evidence-based advice on a wide selection of subjects to give a complete picture of the role of the prescriber. The topics covered range from basic pharmacology, to the legal aspects and processes of prescribing practice, as well as prescribing for specific conditions and special groups, such as the older person and the very young. It features the most recent legislation and changes to prescribing standards, giving nurses and non-medical prescribers access to the most up-to-date information to inform their practice. There is also additional content on complementary and alternative medicine, and guidelines on prescribing for cosmetic effect.

Oxford Handbook of Primary Care and Community Nursing

Vari Drennan and Claire Goodman (eds)

Print Publication Year: 2014 Published Online: Feb 2014
Publisher: Oxford University Press
DOI: 10.1093/med/9780199653720.001.0001

This resource is the essential guide to caring for patients in primary care and the community and covers the skills and knowledge required by any nurse working in modern primary and community care, which cuts across different speciality and care settings. Topics covered range from common adult health problems to vulnerable groups with extra needs, medicine management, and nurse prescribing. It includes information on how health and social care services are organised and funded, from common technical care procedures to complex situations requiring practical, concise guidance. The new edition includes revised and expanded material on end of life care, with more focus on care of dying children. It also includes new clinical topics such as nursing technology, dependent children at home, and frailty.

Oxford Handbook of Psychiatry

David Semple and Roger Smyth (eds)

Print Publication Year: 2013 Published Online: Mar 2013
Publisher: Oxford University Press
DOI: 10.1093/med/9780199693887.001.0001

The Oxford Handbook of Psychiatry covers all major psychiatric conditions and subspecialties, and provides practical and comprehensive guidelines and in-depth coverage of psychiatric assessment, psychopathology, evidence-based practice, therapeutic issues, and transcultural psychiatry.

Oxford Handbook of Public Health Practice

Charles Guest, Walter Ricciardi, Ichiro Kawachi, and Iain Lang (eds)

Print Publication Year: 2013 Published Online: Mar 2013
Publisher: Oxford University Press
DOI: 10.1093/med/9780199586301.001.0001

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Easy-to-use, concise and practical, and reflecting recent advances, this resource presents the most promising developments in practical public health, as well as maintaining essential summaries of core disciplines.

Oxford Handbook of Renal Nursing
Althea Mahon, Karen Jenkins, and Lisa Burnapp (eds)

An indispensable clinical guide, this resource provides a wealth of useful information on the aetiology of kidney disease, and aids with decision-making from initial assessment and diagnosis, through to the available treatments. Taking a multi-professional approach to the care and management of patients with kidney disease, the Oxford Handbook of Renal Nursing is an essential tool for all renal nurses, studying and practising, as well as a valuable resource for all those who work in renal care.

Oxford Handbook of Reproductive Medicine and Family Planning
Enda McVeigh, John Guillebaud, and Roy Homburg

Fully updated for the second edition, this resource now contains additional practical guidance, algorithms and diagrams, a new chapter on recurrent miscarriage, as well as expanded information on topics such as PCOs and hirsuitism. It follows chronological age up to the menopause, covering areas such as the reproductive system, puberty, the menstrual cycle, contraceptive methods, and infertility.

Oxford Handbook of Respiratory Medicine
Stephen Chapman, Grace Robinson, John Stradling, Sophie West, and John Wrightson

Revised and updated for its third edition, the Oxford Handbook of Respiratory Medicine is concise, practical, and designed for rapid access to essential information. It covers the latest clinical guidelines and developments in the field and features unique sections on practical procedures as well as a symptoms section to aid in differential diagnosis and clinical management. Practical advice on management is integrated throughout and a dedicated section on respiratory emergencies ensures the ability to cope with any eventuality. New sections such as thoracic ultrasound, indwelling pleural catheters, safe sedation, and cardiopulmonary exercise testing have been added, and all major respiratory diseases and symptoms are also covered.
The Oxford Handbook of Respiratory Nursing gives a systematic account of the main respiratory diseases in adults, covering assessment, diagnosis and nursing management. It highlights the multiple needs of respiratory patients - not only the physical requirements but also psychosocial needs, including palliative care and end of life issues.

A unique guide which emphasizes a clinical, evidence-based approach to rheumatology. The resource provides practical guidelines to the management and diagnosis of patients with acute and chronic musculoskeletal disease.

This resource brings together the common problems and diagnoses in sports and exercise medicine with a focused summary of the latest strategies, management plans, and evidence-based protocols. Arranged by system, it focuses on the needs of the patient and offers an immediate guide to all aspects of diagnosis and treatment, exercise benefits and epidemiology.

This new fourth edition of the Oxford Handbook of Tropical Medicine is the definitive resource for medical problems in tropical regions, and in low-resource settings. Comprehensive in scope, and concise in style, it is fully revised and updated and includes brand new chapters on humanitarian crises, poisoning and envenoming, nosocomial
infections, and antibiotic resistance. The paediatric illness sections have been expanded, and website links have been fully updated and extended.

Oxford Handbook of Urology
John Reynard, Simon Brewster, and Suzanne Biers

The Oxford Handbook of Urology, Third Edition, covers a wide spectrum of diseases and their treatment in urology, as well as surgical aspects of kidney, bladder, prostate and scrotal disorders, and aims to give a brief overview of many different urological subjects, including urological emergencies, cancers, infections, children's disorders and kidney stone disease.

Oxford Handbook of Women's Health Nursing
Sunanda Gupta, Debra Holloway, and Ali Kubba (eds)

The Oxford Handbook of Women's Health Nursing is a concise and invaluable reference on women's health for nurses and other health professionals working in primary care, community, health promotion or acute settings. It focuses on practical care pathways for common gynaecological conditions.

Oxford Textbook of Anaesthesia for Oral and Maxillofacial Surgery
Ian Shaw, Chandra Kumar, and Chris Dodds (eds)

An authoritative, evidence based textbook on oral, dental, and maxillofacial surgery: one of the most common indications for anaesthesia worldwide.

Oxford Textbook of Anaesthesia for the Elderly Patient
Christopher Dodds, Chandra Kumar, and Bernadette Veering (eds)

This resource provides a comprehensive and detailed overview of all aspects of anaesthesia for the elderly patient looking at the effect of ageing on the systems of the body and the role that age has on drug mechanisms. Designed for both consultants and trainees who care
for elderly patients, chapters address the clinical management of the older patient in pain, trauma, intensive care as well as anaesthesia for all aspects of surgery. The expert author team use their experience to provide a practical and stimulating resource which informs everyday clinical activity and explores the unanswered questions which face anaesthetists in this changing patient population.

Oxford Textbook of Community Mental Health
Graham Thornicroft, George Szmukler, Kim T Mueser, and Robert E. Drake (eds)

The Oxford Textbook of Community Mental Health is the most comprehensive and authoritative review published in this field.

Oxford Textbook of Endocrinology and Diabetes
John A.H. Wass, Paul M. Stewart, Stephanie A. Amiel, and Melanie C. Davies (eds)

Provides an up-to-date, stimulating, and comprehensive account of endocrinology and diabetes. Containing first rate, pragmatic advice on diagnosis and clear guidelines for recommended management, it also covers the scientific principles that underlie medical practice.

Oxford Textbook of Global Public Health
Roger Detels, Martin Gulliford, Quarraisha Abdool Karim, and Chorh Chuan Tan (eds)

The Oxford Textbook of Global Public Health is the ultimate resource on the subject of public health and epidemiology. It has been thoroughly revised and updated, offering a global and comprehensive perspective on wide-ranging public health needs and priorities in modern health care. It is divided into three areas: 'The Scope of Public Health' discusses the development of the discipline, determinants of health and disease, public health policies, and law and ethics; 'The Methods of Public Health' covers the main science behind the discipline – epidemiology; 'The Practice of Public Health' examines specific public health problems and the options for prevention and control. As well as identifying these issues by system or disease, there is also an awareness of the unique needs of particular population groups. This sixth edition also includes new topics, including climate change, genetic testing and epidemiology; new methods for measuring the burden of disease; life course
approaches to epidemiology, behavioural economics; and physical activity, health and wellbeing.

**Oxford Textbook of Heart Failure**
Theresa A. McDonagh, Roy S. Gardner, Andrew L. Clark, and Henry Dargie (eds)

The Oxford Textbook of Heart Failure takes the reader from an understanding of the basic mechanisms of heart failure, through to an appreciation of the complexities of heart failure management and the improvements possible with good treatment.

**Oxford Textbook of Infectious Disease Control**
Andrew Cliff and Matthew Smallman-Raynor

The Oxford Textbook of Infectious Disease Control discusses the issues of geographical spread of human communicable diseases. Split into six chapters it tackles surveillance, quarantine, vaccination, and forecasting for disease control. A wide selection of representative maps and diagrams are used to illustrate the ideas explored.

**Oxford Textbook of Interventional Cardiology**
Simon Redwood, Nick Curzen, and Martyn Thomas (eds)

The Oxford Textbook of Interventional Cardiology is a definitive text spanning the whole spectrum of interventional cardiology procedures, including management of patients with coronary artery disease, one of the leading killers in western society.

**Oxford Textbook of Medicine**
David A. Warrell, Timothy M. Cox, and John D. Firth (eds)

The Oxford Textbook of Medicine is the foremost international textbook of medicine. Unrivalled in its coverage of the scientific aspects and clinical practice of internal medicine and its subspecialties, it is a fixture in the offices and wards of physicians around the world.
Oxford Textbook of Neuromuscular Disorders
David Hilton-Jones and Martin R. Turner (eds)

Part of the Oxford Textbooks in Clinical Neurology series, the Oxford Textbook of Neuromuscular Disorders covers the scientific basis, clinical diagnosis, and treatment of neuromuscular disorders with a particular focus on the most clinically relevant disorders. The resource is organized into seven sections, starting with the general approach to the patient with neuromuscular disorders and then focusing on specific neuromuscular conditions affecting the peripheral nervous system from its origins at the spinal cord anterior horn on its outward course to their effector muscles and the inbound sensory pathways. Chapters on specific neuromuscular conditions are illustrated with typical case histories and their presenting features, allowing readers to put rarer conditions into their clinical context more easily.

Oxford Textbook of Old Age Psychiatry
Tom Dening and Alan Thomas (eds)

Taking a global approach by highlighting both the common burdens and the differences in management from country to country, The Oxford Textbook of Old Age Psychiatry, Second Edition includes information on all the latest improvements and changes in the field. New chapters are included to reflect the development of old age care; covering palliative care, the ethics of caring, and living and dying with dementia. Existing chapters have also been revised and updated throughout and additional information is included on brain stimulation therapies, memory clinics and services, and capacity, which now includes all mental capacity and decision making.

Oxford Textbook of Palliative Care for Children
Ann Goldman, Richard Hain, and Stephen Liben (eds)

Comprehensive in scope and definitive in authority, this second edition has been thoroughly updated to cover new practices, current epidemiological data and the evolving models that support the delivery of palliative medicine to children. It is an essential resource for anyone who works with children worldwide.
This new edition of the Oxford Textbook of Palliative Medicine has been thoroughly updated to offer a truly global perspective in this field, and new sections include information on assessment tools, care of patients with cancer, and the management of issues in the very young and the very old. It covers all the new and emerging topics, and the multidisciplinary nature of palliative care is emphasized throughout, covering areas from ethical and communication issues, the treatment of symptoms, and the management of pain.

Oxford Textbook of Palliative Nursing
Betty R. Ferrell, Nessa Coyle, and Judith Paice (eds)

This landmark title is the key resource for nurses working in the field of palliative care. Edited by renowned nursing experts, and written by a dynamic team of internationally known authorities in nursing and palliative medicine, the Oxford Textbook of Palliative Nursing covers the gamut of principles of care from the time of initial diagnosis of a terminal disease to the end of a patient's life, and beyond. This online resource is written to highlight the nurse's vital role as part of an integrated palliative care team. Various care settings are discussed including the hospital, ICU, home care, and hospice. Chapters focus on the practical aspects of nursing care, including symptom assessment, patient teaching, family support, psychosocial aspects of palliation, and spiritual care. New to this edition are chapters on the National Consensus Project for Quality Palliative Care Guidelines, and palliative care of veterans, in rural settings, in disaster situations, in Eastern Europe, and in the Philippines.

Oxford Textbook of Palliative Social Work
Terry Altilio and Shirley Otis-Green (eds)

This comprehensive, evidence-informed text provides clinicians, researchers, policy-makers and academicians, with content to inform and enrich the guidelines recommended by the National Consensus Project and the National Quality Forum Preferred Practices. It is designed to meet the needs of health social work professionals who seek to provide culturally sensitive biopsychosocial-spiritual care for patients and families living with life-threatening illness. Edited by two of the leading social work clinician-researchers in the
US, this text serves as the definitive resource for practicing clinicians and fulfils the need for social work faculty who wish to complement general health care texts with information specific to palliative and end-of-life care.

Oxford Textbook of Spirituality in Healthcare
Mark R Cobb, Christina M Puchalski, and Bruce Rumbold
Item type: book

Spirituality and healthcare is an emerging field of research, practice and policy, and healthcare organisations and practitioners are therefore challenged to understand and address spirituality, develop their knowledge and implement effective policy. This is the first reference resource to provide a comprehensive overview of the key topics.

Oxford Textbook of Stroke and Cerebrovascular Disease
Bo Norrving (ed.)
Item type: book

The Oxford Textbook of Stroke and Cerebrovascular Disease is a comprehensive resource on clinical stroke, covering all major aspects of cerebrovascular disease, including epidemiology, risk factors, primary prevention, pathophysiology, diagnostics, clinical features, acute therapies, secondary prevention, prognosis, and rehabilitation. It makes use of current pedagogic principles, and includes not only aspects on management in the acute hospital phase of stroke, but also public health issues, prevention, long-term management, and silent vascular disease (which is becoming increasingly epidemic in the general population). Topical aspects also include advice to improve clinical skills in examination, diagnosing, and treating stroke. It also covers the fields of silent cerebrovascular disease (silent brain infarcts, microbleeds, white matter ischemic abnormalities) that more recently have been recognized to be highly prevalent in the general population, and that carry important risks on vascular events and cognitive decline/dementia.

Oxford Textbook of Suicidology and Suicide Prevention
Danuta Wasserman and Camilla Wasserman (eds)
Item type: book

The Oxford Textbook of Suicidology is the most comprehensive work on suicidology and suicide prevention that has ever been published.
The Oxford Textbook of Trauma and Orthopaedics provides comprehensive coverage of the relevant background science, theory, practice, decision-making skills and operative techniques required to provide modern orthopaedic and trauma care.

The Oxford Textbook of Vasculitis is the third edition of this definitive and highly-regarded reference resource. It provides a comprehensive review of vasculitis, a fascinating array of life-threatening and minor conditions caused by inflammatory syndromes and diseases that affect the blood vessels. This resource uniquely brings together concepts from both the biological and clinical aspects of vasculitis. Research in clinical immunology now invigorates the entire area of vasculitis and shapes a rational approach to pathogenesis, diagnosis, and treatment, which is the substance of this text. Over 40 chapters cover known vasculitic conditions, and are illustrated with over 250 full-colour photographs of clinical and pathologic findings, diagrams, and tables. Separate sections are devoted to basic science, clinical manifestations commonly seen in vasculitis, imaging and percutaneous interventions, individual diseases and syndromes, as well as conditions which can mimic vasculitis. Many of the conditions are rare, and it is the exceptional clinician who has much experience with more than a few of these; thus, the invaluable experience of the international team of authors makes this new edition truly indispensable.

The Oxford Textbook of Women and Mental Health presents a balanced understanding of different aspects of gender and mental health.
The Oxford Textbook of Zoonoses comprehensively provides a systematic, cross-disciplinary approach to the science and control of all zoonoses - diseases naturally transmissible between vertebrate animals and man.

Paediatric Respiratory Medicine
Jeremy Hull, Julian Forton, and Anne Thomson

This new edition covers all areas associated with treating acute or chronic respiratory problems in children. It discusses the approach to clinical problems, specific conditions, supportive care and practical procedures, and includes vital appendices covering specific tests and statistics. Designed as a practical guide, it serves general and specialist paediatricians at both consultant and trainee level. Divided into five parts, it provides a practical approach to acute and non-acute clinical problems; detailed information about common and more rare clinical conditions, useful information on supportive care, including the use of non-invasive ventilation and the care of a child with a tracheotomy; and details on how to perform several practical procedures, such as ciliary brush biopsy, flexible bronchoscopy, and inserting a chest drain. The appendices provide information on lung function testing and tables of age-corrected normal values for several respiratory parameters.
With 136 chapters spread across 8 sections, this resource offers a thorough grounding in issues ranging from medicines regulation to clinical trial design and data management. It is a useful revision aid for exams as well as a starting point for areas of pharmaceutical medicine adjacent to a current role. It is a guiding hand in difficult situations as well as a rapid-access resource to the latest recommendations and guidelines.
Central nervous system diseases, also known as central nervous system disorders, are a group of neurological disorders that affect the structure or function of the brain or spinal cord, which collectively form the central nervous system (CNS). Every disease has different signs and symptoms. Some of them are persistent headache; pain in the face, back, arms, or legs; an inability to concentrate; loss of feeling; memory loss; loss of muscle strength; tremors; seizures; increased reflexes, spasticity Development of central nervous system (CNS) is regulated by both intrinsic and peripheral signals. Previous studies have suggested that environmental factors affect neurological activities under both physiological and pathological conditions. The protective effects of SCFAs in gastrointestinal graft-versus-host disease require GPR43-mediated ERK phosphorylation and activation of NLRP3 inflammasome [22]. NLRP6 inflammasome signaling plays an important role in modulation of microbiota. Gut-brain axis is used to define the relationship between microbiota and their interaction with brain, resulting in changes in CNS status (Fig. 1). A notable role of human digestive system in brain development has been proposed [15, 50].