This resource provides information for the management of disorders occurring during sleep and brings greater awareness to the treatment of sleep disorders, as well as treatments of neurological, medical, and psychiatric disorders.

This essential guide to the management of the acutely ill patient features expanded material on practical procedures and new information on common presentations.

This title covers the fundamentals of pain, the pharmacology of drugs used, and summarises the current evidence base for the management of acute pain.
Acute Pain Medicine tackles a large array of diagnostic and treatment consideration across a variety of surgical and nonsurgical acute pain conditions. It reviews a variety of acute pain–modulating factors followed by interventional and pharmacologic treatment options. For each applicable condition, perineural and neuraxial considerations are given when appropriate along with nociceptive anatomic complements. Pharmacologic modalities are described, stressing the use of multimodal analgesia and a variety of opioid-based options if necessary. The book reviews cases that commonly are associated with significant acute pain but also highlight the role of acute pain medicine physicians in the postdischarge phase. Finally, the book includes a critical update of the Military Advanced Regional Anesthesia and Analgesia handbook. This update serves as an essential bedside tool in the performance of regional anesthetic techniques and their corresponding anatomic considerations.

Acute Respiratory Infections (Oxford Respiratory Medicine Library)
Wei Shen Lim (ed.)

Print Publication Year: 2012 Published Online: Oct 2012
Publisher: Oxford University Press
DOI: 10.1093/med/9780199588084.001.0001

Item type: book

This resource is a concise companion for health care professionals who manage patients with acute lung infections.

Acute Stroke Management in the First 24 Hours: A Practical Guide for Clinicians
Maxim Mokin, Edward C. Jauch, Italo Linfante, Adnan Siddiqui, and Elad Levy (eds)

Print Publication Year: 2018 Published Online: Jun 2018
Publisher: Oxford University Press
DOI: 10.1093/med/9780190856519.001.0001

Item type: book

Diagnosis and treatment of acute stroke has advanced considerably in the past 2 decades. Most notably, in cases of ischemic stroke, intravenous alteplase has become the standard of medical treatment despite its multiple contraindications and limited time window. More recently, trials have proven that endovascular thrombectomy is superior to medical therapy alone, advancing the standard of care for patients who present with acute ischemic stroke from a large vessel occlusion and salvageable brain tissue. The treatment of hemorrhagic stroke now involves the use of novel pharmacological agents and advanced minimally invasive technology. Important changes have also occurred at the levels of hospital organization and treatment decision-making. Such changes in organization and designation of hospitals with distinct levels of stroke care and the variety of stroke protocols now requires team work of emergency medical services (EMS), Emergency Department, stroke neurologists, neurosurgeons, and neurinterventionalists. This book provides an overview of the modern medical and surgical options for the treatment of patients with acute ischemic and hemorrhagic strokes. The pivotal role of EMS in prehospital evaluation and triage of a stroke patient and the levels of stroke systems of care are discussed. In addition, the current guidelines on the management of acute stroke, with the focus on early care of acute stroke
patients at the Emergency Department and the first 24 hours of hospital admission, are reviewed. Each chapter contains a discussion of common clinical scenarios including initial management steps, practical points, and common pitfalls.

**Addiction Medicine (Oxford Specialist Handbooks)**


Addiction Medicine is a concise and practical guide for students and practitioners of medicine, nursing, and other health professions. It provides practical information and clinical management advice for all who are involved in the care of persons with alcohol and other substance use disorders, and also behavioural and electronic addictions such as gambling and Internet use. The second edition of Addiction Medicine comprises 27 chapters and is in easy-to-read handbook form. The first three chapters cover the nature of addictive disorders, the epidemiology of psychoactive substance use, and the pharmacology of the major substance groups. Principles of diagnosis and management (including emergency situations) are then described. There follow chapters on the major substance groups, which present a comprehensive account of the clinical features, diagnosis, and management of disorders related to specific substances. The chapters cover tobacco, alcohol, cannabis, opioids, sedative-hypnotics, psychostimulants, hallucinogens and dissociative drugs, miscellaneous forms of substance use, and polydrug and injecting drug use. New chapters in the second edition cover the electronic and behavioural addictions, with specific chapters for gambling and on-line/electronic gaming. The remainder of the book covers the management of addictive disorders experienced by specific groups and in specific circumstances and settings, together with a summary of ethical and legal issues. The final chapter comprises a series of resources which cover diagnostic criteria for addictive disorders and practical tools to aid management, including screening and assessment questionnaires and withdrawal scales.

**Adult Congenital Heart Disease (Oxford Specialist Handbooks in Cardiology)**

Sara Thorne and Sarah Bowater (eds)

To the adult cardiologist, the language of congenital heart disease (CHD) can be confusing and the spectrum of disease bewildering. This book aims to dispel confusion and equip cardiology trainees, general cardiologists, and acute medicine physicians with a sound understanding of the principles of the physiology and management of adult congenital heart disease (ACHD), so that they can treat emergencies and recognize the need for referral to a specialist unit. This handbook provides both rapid reference for use when the clinical need
arises and also an insight into the basic principles of congenital heart disease, giving the reader a good grounding in the care of the adult with congenital heart disease. It presents an introduction to ACHD. It describes specific lesions and general management issues of adult congenital heart disease.

Advanced Practice Palliative Nursing
Constance Dahlin, Patrick Coyne, and Betty Ferrell (eds)

Advanced Practice Palliative Nursing is the first text devoted to advanced practice nursing care of seriously ill and dying patients and their families. This comprehensive work addresses all aspects of palliative care, including patients’ and families’ physical, psychological, social, and spiritual needs. Chapters cover the history and role of advanced practice palliative nursing, settings where advanced practice registered nurses deliver palliative care, the role and function of the palliative advanced practice registered nurse, advanced pain and symptom management, the importance of communication in palliative nursing, special populations needing a palliative care focus, pediatric palliative care, spiritual and existential issues, reimbursement, and nursing leadership on palliative care teams. Each chapter contains case examples supported by evidence based practice to ensure the highest quality of care. The text is written by leaders in the field, including authors who have pioneered the role of advanced practice registered nurses in palliative care. This volume offers advanced practice content and practical resources for clinical practice across all settings of care and encompassing all ages, from pediatrics to geriatrics.

Advanced Respiratory Critical Care (Oxford Specialist Handbooks in 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.

Advancing the Science of Implementation across the Cancer Continuum
David A. Chambers, Cynthia A. Vinson, and Wynne E. Norton (eds)
While many effective interventions have been developed with the potential to significantly reduce morbidity and mortality from cancer, they are of no benefit to the health of populations if they cannot be delivered. In response to this challenge, Advancing the Science of Implementation across the Cancer Continuum provides an overview of research that can improve the delivery of evidence-based interventions in cancer prevention, early detection, treatment, and survivorship. Chapters explore the field of implementation science and its application to practice, a broad synthesis of relevant research and case studies illustrating each cancer-focused topic area, and emerging issues at the intersection of research and practice in cancer. Both comprehensive and accessible, this book is an ideal resource for researchers, clinical and public health practitioners, medical and public health students, and health policymakers.

Advocacy in Neurology
Wolfgang Grisold, Walter Struhal, and Thomas Grisold (eds)

The concept of advocacy literally means to speak for someone. Rooted in law, the term has been increasingly used in medical and patient-related contexts in the past years. This book focuses on advocacy activities in the field of neurology. Neurology deals with heterogeneous and diverse populations of patients, who suffer from disability, chronic, and often progressive diseases. The complex characteristics of neurological diseases yield exceptional challenges to plan for and implement advocacy activities on all levels. All stakeholders are challenged to provide the support patients need; advocacy facilitates this process and bundles efforts to reach the objective of the advocacy task. Building on the premise that advocacy goes beyond merely theoretical claims, this book collects and organizes advocacy approaches in practice. Thereby, we draw on different dimensions of ‘advocacy in neurological practice’ and discuss implications for management, healthcare, planning, and policymaking. We place special emphasis on what advocacy means for several different diseases, such as amyotrophic lateral sclerosis (ALS), brain tumours, MS, epilepsy among others. Contributions include best practices, lessons learnt, and tools to be used. The main goal of this book is to raise awareness for advocacy in neurology and empower readers to plan for and implement appropriate activities. In advocacy, anyone can be both an advocate and an advocatee. This book offers a seminal contribution for anyone who is pursuing or intending to pursue advocacy in neurology and related fields.

Alzheimer's Disease (Oxford Neurology Library)
Gunhild Waldemar and Alistair Burns (eds)
Providing clinicians with the latest developments in research, this new edition of Alzheimer’s Disease is a succinct and practical introduction to the diagnosis, evaluation, and management of Alzheimer’s disease. Part of the Oxford Neuropsychiatry Library series, this pocketbook contains 14 fully updated chapters on key topics such as pathophysiology, epidemiology, pharmacological treatments, and psychological symptoms. It also features new chapters on atypical presentations, end-of-life issues, and case vignettes to ensure the reader is fully equipped with the latest understanding of the possible causes of the disease, methods of diagnosis, and management techniques. A powerful tool for the practising clinician, this edition is an indispensable guide to the latest thinking about management of the disease.

Amyotrophic Lateral Sclerosis: Understanding and Optimizing Quality of Life and Psychological Well-Being
Francesco Pagnini and Zachary Simmons (eds)
Print Publication Year: 2018 Published Online: Feb 2018
Item type: book

Amyotrophic lateral sclerosis: Understanding and optimizing quality of life and psychological well-being presents a comprehensive and up-to-date review of the enhancement of the lives of people with amyotrophic lateral sclerosis (ALS) and their caregivers. ALS is a progressive, fatal neurodegenerative disorder. No current medical therapy can reverse or stop its progression, and the promotion of quality of life and psychological well-being is a central component of ALS care. Health care professionals who work in this field should incorporate attention to psychological, emotional, and relational aspects of the disease into their approach to care. This book provides some of the knowledge and direction necessary for optimizing the quality of care for individuals with ALS and their caregivers. Topics discussed include an ALS-centred view of quality of life, depressive features, anxiety, resilience, cognitive impairment, complementary and alternative medicines, and psychological research. Specific elements of ALS, such as end-of-life concerns and bulbar dysfunction, are described through the lens of their psychological impact. There is extensive discussion of the development of new psychological treatments, as well as the impact and incorporation of new technologies, with the goal of fostering optimal quality of life and psychological well-being as key parts of a holistic approach to care for the patients and for those who are close to such individuals.

Amyotrophic Lateral Sclerosis and the Frontotemporal Dementias
Michael J. Strong (ed.)
Print Publication Year: 2012 Published Online: Nov 2012
Item type: book
This resource summarizes the advances in our understanding of amyotrophic lateral sclerosis (ALS) and frontotemporal dementia (FTD), as well as the potential relationship between the two.

**Anaesthesia for the Elderly Patient (Oxford Anaesthesia Library)**

Chris Dodds, Chandra M. Kumar, and Frédérique Servin

This book provides a timely and authoritative synopsis of the current state of anaesthesia and the elderly patient at a time when the challenge of caring for the growing numbers of elderly patients is probably the greatest faced by healthcare across the globe. The book reviews important developments in the understanding of clinical practice serving the elderly. It describes the need for anaesthesia to deliver ‘best care’ to the elderly, with the aim to maintain their independent living. It then details the key features of ageing and the effect these have on physiology and pharmacology. Specific aspects of practice, including preoperative assessment; day surgery; emergency surgery; anaesthesia for orthopaedic, urological, and gynaecological surgery, as well as major abdominal surgery; neurosurgery; and critical care. Emphasis is placed on managing postoperative care and cognitive dysfunction (POCD), with additional discussion of ethical issues and the law pertaining to the elderly patient. A new chapter reviews the challenges of treating elderly patients in non-theatre environments.

**Angelo Mosso's Circulation of Blood in the Human Brain**

Marcus E. Raichle and Gordon M. Shepherd

Italian scientist, Angelo Mosso was widely recognized for his pioneering study in the nineteenth century of head injuries that exposed the brain to direct observation, and there has never been a translation through which his magnificent achievement could be recognized in English. Through this online resource, the modern reader can now gain a perspective on the remarkable insights Mosso gained into how behaviors as subtle as thinking about a subject or feeling an emotion can produce the changes in pulsations of the brain that he observed. This online resource begins with a brief summary of Mosso's life, work, and their relevance to modern methods. It emphasizes Mosso's role as a pioneer in brain imaging, but also as a pioneer in the eventual rise of cognitive neuroscience, which is then followed by the English translation, together with all of the plates and illustrations of the original volume.
Antibacterial Chemotherapy (Oxford Infectious Diseases Library) Theory, Problems, and Practice
Sebastian Amyes

This online reference is designed to help medical trainees, general prescribers, healthcare workers and students to understand how antibiotics work, to demonstrate where they might be most appropriate, and to make clear the threat of antibiotic resistance.

Antiepileptic Drugs A Clinician's Manual
Ali Asadi-Pooya and Michael Sperling

This concise handbook provides practical, up-to-date clinical guidance on effective selection, prescription, and usage of antiepileptic drugs for patients with epilepsy in various medical conditions and in a variety of clinical contexts. This text discusses choosing drugs when faced with various medical comorbidities; how to correctly prescribe, titrate, and taper drugs; how to monitor drug efficacy and side effects; how to diagnose and manage toxicity; how antiepileptic drugs interact with other medications; and comprehensive coverage of current treatment options. Key Feature of this Manual Include… • A brief formal discussion of the basic pharmacology of each antiepileptic drug, with an emphasis on how to select and use anti-epileptic drugs in a variety of clinical contexts. • Discussions of antiepileptic drugs approved for epilepsy since 2009. • New research about already existing antiepileptic drugs. • References for further reading that are oriented toward utility in clinical practice. Antiepileptic Drugs: A Clinician’s Manual fills an unmet need as a practical, patient-oriented reference and leads to improved patient care. Supported by practical, clinical knowledge and experience, this is the perfect guide for physicians looking to ensure safe practices in antiepileptic drug therapy.

Antimicrobial Chemotherapy
Peter Davey, Mark H. Wilcox, William Irving, and Guy Thwaites

The fully revised and updated seventh edition of Antimicrobial Chemotherapy is an essential guide to the principles of antimicrobial chemotherapy, the problem of resistance and its control through policies, antimicrobial stewardship and surveillance. It provides an aid to informed, rational prescribing for common bacterial, fungal, parasitic and viral infections. Divided in five parts, this online resource addresses issues specific to both the
developed and developing world. Part 1 discusses mechanisms of action and resistance to antibacterial, antifungal antiprotozoal, antiviral, and antiviral agents. Part 2 provides guidance about the problem of resistance, mechanisms of acquired resistance and genetics of resistance. Part 3 analyses the use of the laboratory, general principles of the treatment of infection, dosing in special groups (extremes of age, pregnancy, obesity), safe prescribing, prophylaxis and the role of policies in antimicrobial stewardship. Part 4 provides advice about the treatment of common infections. There are also chapters on the management of mycobacterial disease, viral infections, HIV/AIDS and parasitic infections, as well as analysis of the development and marketing of antimicrobial drugs.