Acute and Emergent Events in Sleep Disorders
Sudhansu Chokroverty and Pradeep Sahota (eds)

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.

Amyotrophic Lateral Sclerosis and the Frontotemporal Dementias
Michael J. Strong (ed.)

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.

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.
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.

Atlas of EEG, Seizure Semiology, and Management
Karl E. Misulis

This resource is a richly-illustrated guide to the performance and interpretation of EEG and management of epilepsy. This second edition has been thoroughly revised and updated, and features hundreds of detailed EEGs covering the science in extensive scope and detail, beginning with basic electronics and physiology, followed by EEG interpretation, epilepsy diagnosis, and ultimately epilepsy management. It also includes all basic classifications and definitions of seizures and epilepsy, making it the perfect clinical companion. Full-color EEG presentations are featured alongside easy-to-read syntheses of anatomy, physiology, and available treatment modalities. These detailed explanations of wave pattern, presentation, and treatment provide the most informed sense of clinical application and readiness, covering every type of seizure, both epileptic and non-epileptic.

Atlas of Nerve Conduction Studies and Electromyography
A. Arturo Leis and Michael P. Schenk

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This new resource is divided into sections based on the major peripheral nerves. It contains detailed illustrations of each nerve along with a discussion of its anatomy, followed by a thorough outline of the clinical conditions and entrapment syndromes that affect the nerve, including a list of the etiologies, clinical features, and electrodiagnostic strategies used for each syndrome. Routine and special motor and sensory nerve conduction studies are shown in an anatomical illustration. In addition, each muscle supplied by the peripheral nerve is illustrated showing the root, plexus, and peripheral nerve supply to the muscle and is accompanied by a corresponding human photograph.

**Autism Spectrum Disorders**

David Amaral, Daniel Geschwind, and Geraldine Dawson (eds)

Print Publication Year: 2011 Published Online: Sep 2012
DOI: 10.1093/med/9780195371826.001.0001
Item type: book

Autism is an emerging area of basic and clinical research, and has only recently been recognized as a major topic in biomedical research, and is now an intense growth area in behavioral and educational treatments. This resource provides a comprehensive summary of all current knowledge related to the behavioral, experiential, and biomedical features of the autism spectrum disorders, including major behavioral and cognitive syndromology, common co-morbid conditions, neuropathology, neuroimmunology, and other neurological correlates such as seizures, allergy and immunology, gastroenterology, infectious disease, and epidemiology.

**The Autisms**

Mary Coleman and Christopher Gillberg

Print Publication Year: 2011 Published Online: Apr 2013
DOI: 10.1093/med/9780199732128.001.0001
Item type: book

This resource demonstrates that autism, like mental retardation, is a clinical presentation of numerous different diseases, many with genomic underpinnings. In this ground-breaking work, the authors explain in great detail how to clinically diagnose infants, children, adolescents and adults with autistic behavioral features and their psychiatric and neurological work-ups.

**The AutismsMolecules to Model Systems**

Craig M. Powell and Lisa M. Monteggia (eds)

Print Publication Year: 2012 Published Online: Sep 2013
DOI: 10.1093/med/9780199744312.001.0001
Item type: book

This resource discusses the identification of potential therapeutic targets for autism that can be tested in genetic models and hopefully translated into novel, rational therapies. It
provides a roadmap to multitude of relatively rare mutations that have been identified as causes of autism and clarifies what is known at the molecular, cellular, and circuit levels. Focusing on tractable genetic findings in human autism and painstakingly dissecting the underlying neurobiology, this resource aids the understanding of the pathophysiology of autism and ultimately to identifying novel treatments.

**Autonomic Failure**

*Autonomic Failure: A Textbook of Clinical Disorders of the Autonomic Nervous System*

Christopher J. Mathias and Sir Roger Bannister (eds)

Print Publication Year: 2013 Published Online: Jul 2013

Publisher: Oxford University Press
DOI: 10.1093/med/9780198566342.001.0001

Item type: book

This new edition of Autonomic Failure features numerous new chapters and makes diagnosis increasingly precise by fully evaluating the underlying anatomical and functional deficits, thereby allowing more effective treatment. It provides a rational guide to aid in the recognition and management of autonomic disorders for practitioners from a variety of fields, including neurology, cardiology, geriatric medicine, diabetology, and internal medicine.