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"This Handbook is a sparkling addition to the neurological library, a concise and clear guide to clinical practice in neurology, written in elegant prose, a tribute to Queen Square and to the contribution that both Hospital and Institute have made to neurology. It is the encapsulation of wisdom gained in a long career. For practitioners in the art of neurology, junior and senior this is required reading." --Simon Shorvon, National Hospital for Neurology & Neurosurgery, Queen Square
 Neurology: A Clinical Handbook is a practical text, for both neurologists and general physicians, in the wards, the office or at home. This book spans the breadth of neurology and its challenges, for those who require a rapid resource in accessible language. The Handbook is also aimed at those considering entering neurology, neurophysiology and neurorehabilitation and for medical trainees and consultants in many specialities. It is an invaluable source for the MRCP, a ready-made reference for clinical practice and for the specialist nurse and therapist. The book deals with essentials - of neuroanatomy, clinical examination, mechanisms of neurological disease and the major issues of dementia and stroke in an ageing population. More specific aspects of neurology are also addressed, including the specialist fields of nerve and muscle disease, the spinal cord, headache and the cranial nerves, infection in the nervous system, MS and sleep disorders. The allied disciplines of neurorehabilitation, neuropsychiatry, neuro-oncology, uro-neurology, neuro-otology and neuro-ophthalmology are also covered. The aim is to provide both an introduction and a summary - of general neurological practice and the specialist aspects of neurology and neuroscience.

Textbook of Clinical Neuropsychiatry provides a comprehensive, encyclopedic and up to date coverage of the complete range of neuropsychiatric disorders. The text is clearly written and well organized, utilizing a consistent and easy to read format throughout. Part I describes the diagnostic assessment of patients and details the interview, mental s

The first comprehensive treatment of active inference, an integrative perspective on brain, cognition, and behavior used across multiple disciplines. Active inference is a way of understanding sentient behavior—a theory that characterizes perception, planning, and action in terms of probabilistic inference. Developed by theoretical neuroscientist Karl Friston over years of groundbreaking research, active inference provides an integrated perspective on brain, cognition, and behavior that is increasingly used across multiple disciplines including neuroscience, psychology, and philosophy. Ac-

tive inference puts the action into perception. This book offers the first comprehensive treatment of active inference, covering theory, applications, and cognitive domains. Active inference is a "first principles" approach to understanding behavior and the brain, framed in terms of a single imperative to minimize free energy. The book emphasizes the implications of the free energy principle for understanding how the brain works. It first introduces active inference both conceptually and formally, contextualizing it within current theories of cognition. It then provides specific examples of computational models that use active inference to explain such cognitive phenomena as perception, attention, memory, and planning.

Neurology John Wiley & Sons
 Neurology: A Queen Square Textbook, second edition, is a fully revised and updated companion that demonstrates the rapid pace of advancement within clinical neurology and applied neurosciences A comprehensive and practical overview of current developments within clinical neurology, synthesising clinical neurology with translational research Expertly edited and written by neurologists, neuroscientists and neurosurgeons working at Queen Square, advised by an distinguished International Editor team to present a global perspective
 Introductory chapters summarise the basic sciences underpinning the practice of clinical neurology, including genetics, channelopathies, immunology, neurophysiology and neuropathology All chapters fully revised and updated to reflect the increasing role of neurologists in acute care
 Includes new contributions concerning major developments in the care of; stroke, epilepsy, dementia, Parkinson's disease, multiple sclerosis, neuromuscular disease, headache, infections, spinal disease, cranial nerve disease, neuropsychiatry, neurogenetics, neuro-oncology, uro-neurology, neuro-otology, neuro-ophthalmology, pain medicine, sleep medicine, metabolic disease, drugs and toxins, autonomic disease, systemic disease, and neurorehabilitation for dementia, epilepsy, headaches, neuro-genetics and many more
 Neurology John Wiley & Sons
 Neurology: A Queen Square Textbook, second edition, is a fully revised and updated companion that demonstrates the rapid pace of advancement within clinical neurology and applied neurosciences A comprehensive and practical overview of current developments within clinical neurology, synthesising clinical neurology with translational research Expertly edited and written by neurologists, neuroscientists and neurosurgeons working at Queen Square, advised by an distinguished International Editor team to present a global perspective
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reflect the increasing role of neurologists in acute care Includes new contributions concerning major developments in the care of; stroke, epilepsy, dementia, Parkinson's disease, multiple sclerosis, neuromuscular disease, headache, infections, spinal disease, cranial nerve disease, neuropsychiatry, neurogenetics, neuro-oncology, uroneurology, neuro-otology, neuro-ophthalmology, pain medicine, sleep medicine, metabolic disease, drugs and toxins, autonomic disease, systemic disease, and neurorehabilitationfor dementia, epilepsy, headaches, neuro-genetics and many moreNeurologyJohn Wiley & SonsNeurology: A Queen Square Textbook is a remarkable fusion of modern neuroscience with traditional neurology that will inform and intrigue trainee and experienced neurologists alike. Modern neuroscience has penetrated exciting and diverse frontiers into the causes, diagnosis, and treatment of neurological disease. Clinical neurology, whilst greatly enhanced by dramatic advances in molecular biology, genetics, neurochemistry and physiology, remains deeply rooted in practical traditions: the history from the patient and the elicitation of physical signs. Neurologists, neuroscientists and neurosurgeons working at Queen Square, and advised by an international editorial team, have combined their expertise and experience to produce this unique text. The synthesis of clinical neurology with translational research provides a fresh perspective which is Practical Multidisciplinary Translational Integrative The blend of new science and proven practice underpins this creative approach towards investigating and improving the care of patients suffering from neurological diseases. About Queen Square The world-renowned National Hospital for Neurology & Neurosurgery and UCL Institute of Neurology, based in Queen Square, London, have an international reputation for training, research and patient care. Research at both institutions leads developments in translational medicine that are transforming the treatment of neurological disease.NeurologyWiley-BlackwellNeurology: A Queen Square Textbook is a remarkable fusion of modern neuroscience with traditional neurology that will inform and intrigue trainee and experienced neurologists alike. Modern neuroscience has penetrated exciting and diverse frontiers into the causes, diagnosis, and treatment of neurological disease. Clinical neurology, whilst greatly enhanced by dramatic advances in molecular biology, genetics, neurochemistry and physiology, remains deeply rooted in practical traditions: the history from the patient and the elicitation of physical signs. Neurologists, neuroscientists and neurosurgeons working at Queen Square, and advised by an international editorial team, have combined their expertise and experience to produce this unique text. The synthesis of clinical neurology with translational research provides a fresh perspective which is Practical Multidisciplinary Translational Integrative The blend of new science and proven practice underpins this creative approach towards investigating and improving the care of patients suffering from neurological diseases. About Queen Square The world-renowned National Hospital for Neurology & Neurosurgery and UCL Institute of Neurology, based in Queen Square, London, have an international reputation for training, research and patient care. Research at both institutions leads developments in translational medicine that are transforming the treatment of neurological disease.Oxford Textbook of NeurorehabilitationOxford University Press, USAPart of the Oxford Textbooks in Clinical Neurology series, this textbook will provide the reader with an understanding of the theoretical underpinnings of neurorehabilitation, as well as a clear idea about how (and why) to approach treatment decisions in individual patients.Queen Square: A History of the National Hospital and its Institute of NeurologyCambridge University PressA comprehensive history of the National Hospital, Queen Square, and its Institute, placed

within the context of British neurology.Marsden's Book of Movement DisordersOxford University PressThis book represents the final work of the late Professor C. David Marsden, who was the most influential figure in the field of movement disorders, in terms of his contributions to both research and clinical practice, in the modern era. It was conceived and written by David Marsden and his colleague at the Institute of Neurology, Prof. Ivan Donaldson. It was their intention that this would be the most comprehensive book on movement disorders and also that it would serve as the 'clinical Bible' for the management of these conditions. It provides a masterly survey of the entire topic, which has been made possible only by vast laboratory and bedside experience. Marsden's Book of Movement Disorders covers the full breadth of movement disorders, from the underlying anatomy and understanding of basal ganglia function to the diagnosis and management of specific movement disorders, including the more common conditions such as Parkinson's Disease through to rare, and very rare conditions such as Niemann-Pick disease. Chapters follow a structured format with historical overviews, definitions, clinical features, differential diagnosis, investigations and treatment covered in a structured way. It is extensively illustrated with many original photographs and diagrams of historical significance. Among these illustrations are still images of some original film clips of some of Dr. Marsden's patients published here for the first time. Comprehensively referenced and updated by experts from the Institute of Neurology at Queen Square, this book is a valuable reference for, not just movement disorder specialists and researchers, but also for clinicians who care for patients with movement disorders.Textbook of Clinical Neuropsychiatry, Second EditionCRC PressTextbook of Clinical Neuropsychiatry provides a comprehensive, encyclopedic and up to date coverage of the complete range of neuropsychiatric disorders. The text is clearly written and well organized, utilizing a consistent and easy to read format throughout. Part I describes the diagnostic assessment of patients and details the interview, mental sDrugs in NeurologyOxford University PressPart of the Drugs in series, this book provides an easily accessible pocket-sized guide to the use of medications when treating patients with neurological ailments. Drugs in Neurology covers the breadth of medications used in modern neurology, including each drug's indications, contra-indications, side-effects and important interactions. The underlying pharmacology also feature (where known). Practical aspects related to prescribing and therapeutic drug monitoring are covered and based on the most up-to-date evidence-based guidance. Each drug monograph contains a small section drawing on the wisdom of the senior contributors of each chapter with regards to using the medication.Oxford Textbook of Neuromuscular DisordersOxford Textbooks in Clinical N'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 disordersPrinciples of Neurological Surgery E-BookElsevier Health SciencesPerfect for anyone considering or training in this challenging specialty, Principles of Neurological Surgery, 4th Edition, by Drs. Richard G. Ellenbogen, Laligam N. Sekhar, and Neil Kitchen, provides a clear, superbly illustrated introduction to all aspects of neurosurgery—from general principles to specific techniques. Thorough updates from leading authors ensure that you'll stay abreast of the latest advances in every area of neurosurgery, including pre- and post-operative patient care, neuroradiology, pediatric neurosurgery, neurovascular surgery, trauma surgery, spine surgery, oncology, pituitary adenomas, cranial base neurosurgery, image-guided neurosurgery, treatment of pain, epilepsy surgery, and much more.Oxford Handbook of NeurologyOxford University

Press Suitable for use on the ward and in clinical settings, this book includes information and clinical guidance passed down by generations of neurologists. It deals with taking a neurological history and examination, including the skills necessary to make a neurological assessment. Localization of Clinical Neurology Wolters Kluwer India Pvt. Ltd. The South Asian Edition of Localization in Clinical Neurology is a unique and outstanding textbook on localization answering the trilogy of Neurology: 'Is there a lesion?' 'Where is the lesion?' and 'What is the lesion?' There is no surrogate to history taking and clinical examination in the process of neuraxis localization. The depths of knowledge unraveled in this book guides a beginners' brain in training and satiates a master's mind at work. Each chapter is carefully crafted to strengthen the anatomy, sense of localization, enhance the mind to solve the puzzles of neurology, and reach the possible etiology. Key Features • Unique textbook on clinical localization with comprehensive coverage addressing all brain regions including cranial, spinal, and peripheral nerves • Revision pearls at the end of each chapter provide a succinct summary of salient points in the chapter • Multiple-choice questions help in the revision of learned concepts • Flow charts, diagrams, algorithms, and tables assist in grasping the gist of the concepts • Case scenarios provide a virtual experience of the bedside clinics • Online videos and neurodiagnostic clues provide a better understanding of clinical findings • Detailed discussions cover relevant anatomy, followed by the lesions related to each anatomic feature Comprehensive Review in Clinical Neurology Lippincott Williams & Wilkins This new review textbook, written by residents and an experienced faculty member from Cleveland Clinic, is designed to ensure success on all sorts of standardized neurology examinations. Presented in a comprehensive question-and-answer format, with detailed rationales, Comprehensive Review in Clinical Neurology is a must-have for both aspiring and practicing neurologists and psychiatrists preparation to take the RITE, the American Board of Psychiatry and Neurology written exams, and various recertification exams. Oxford Textbook of Vertigo and Imbalance OUP Oxford Vertigo, dizziness, and imbalance rank amongst the most common presenting symptoms in neurology, ENT, geriatric medicine, and general practice. These symptoms can originate from many different organs and systems, such as the inner ear, general medical conditions, neurological and psychological disorders. The Oxford Textbook of Vertigo and Imbalance provides an up-to-date summary of the scientific basis, clinical diagnosis, and management of disorders leading to dizziness and poor balance. This textbook is conceptually divided into three sections, detailing the scientific basis, general clinical issues, and specific diseases diagnosed in clinical practice that are responsible for complaints of dizziness and imbalance. Individual chapters address benign paroxysmal positional vertigo, vestibular migraine, vestibular neuritis, stroke, and Ménière's disease. Additional chapters follow a syndrome-based approach and cover multiple conditions, including cerebellar disorders, bilateral vestibular failure and gait, and psychological disorders. The print edition is complemented by an online version, which allows access to the full content of the textbook, contains links from the references to primary research journal articles, allows full text searches, and provides access to figures and tables that can be downloaded to PowerPoint. It serves a useful clinical reference for neurologists, otorhinolaryngologists, audio-vestibular physicians, and senior trainees in those specialties. Oxford Textbook of Epilepsy and Epileptic Seizures Oxford University Press Part of the Oxford Textbooks in Clinical Neurology (OTCN) series, this volume covers the scientific basis, clinical diagnosis, and treatment of epilepsy and epileptic seizures, and is complemented by an online edition. Lecture

Notes: Neurology John Wiley & Sons Now in two colours throughout, this new edition of Lecture Notes: Neurology contains the core neurological information required, whichever branch of clinical medicine you choose. Reflecting current clinical practice, the latest advances in the diagnosis and management of neurological diseases are concisely covered. The book is divided into two parts. The Neurological Approach looks at neurological history taking. The neurological examination is then discussed in detail - consciousness, cognitive function, vision and other cranial nerves, motor function, sensation and autonomic function. In part two, Neurological Disorders, the common neurological conditions are described, along with neurological emergencies and neuro-rehabilitation. Featuring a self-assessment section, and with clinical scenario and key points boxes throughout, Lecture Notes: Neurology is ideal for medical students, junior doctors, and specialist nurses who want a concise introduction to clinical neurology that can be used as a core text or as a revision resource. Comorbidity in Migraine John Wiley & Sons A practical approach to the recognition and management of all aspects of migraine Migraine, characterized by periodic bursts of severe debilitating headache, is increasingly recognized as being not only a disease in its own right, but as a disorder that co-occurs with other disorders. Comorbidity in Migraine presents a clinically-oriented, comprehensive treatment approach to migraine. The international collection of authors cover: Migraine and Psychiatric Disorders Migraine and Vascular disorders Migraine and Epilepsy Migraine and other Pain Disorders Migraine and Medication Overuse Case vignettes and management algorithms enhance the clinical utility of the book. Comorbidity in Migraine enhances your ability to treat your migraine patients effectively to improve their quality of life. Titles of Related Interest Pediatric Headaches in Clinical Practice Hershey, Powers, Winner, Kabbouche (eds); ISBN 978-0-470-51273-9 Handbook of Epilepsy Treatment, 3e Shorvon; ISBN 978-1-4051-9818-9 Neurology: A Queen Square Textbook Clarke, Howard, Rossor, Shorvon (eds); ISBN 978-1-4051-3443-9 Neurology John Wiley & Sons "This Handbook is a sparkling addition to the neurological library, a concise and clear guide to clinical practice in neurology, written in elegant prose, a tribute to Queen Square and to the contribution that both Hospital and Institute have made to neurology. It is the encapsulation of wisdom gained in a long career. For practitioners in the art of neurology, junior and senior this is required reading." --Simon Shorvon, National Hospital for Neurology & Neurosurgery, Queen Square Neurology: A Clinical Handbook is a practical text, for both neurologists and general physicians, in the wards, the office or at home. This book spans the breadth of neurology and its challenges, for those who require a rapid resource in accessible language. The Handbook is also aimed at those considering entering neurology, neurophysiology and neurorehabilitation and for medical trainees and consultants in many specialities. It is an invaluable source for the MRCP, a ready-made reference for clinical practice and for the specialist nurse and therapist. The book deals with essentials - of neuroanatomy, clinical examination, mechanisms of neurological disease and the major issues of dementia and stroke in an ageing population. More specific aspects of neurology are also addressed, including the specialist fields of nerve and muscle disease, the spinal cord, headache and the cranial nerves, infection in the nervous system, MS and sleep disorders. The allied disciplines of neurorehabilitation, neuropsychiatry, neuro-oncology, uro-neurology, neuro-otology and neuro-ophthalmology are also covered. The aim is to provide both an introduction and a summary - of general neurological practice and the specialist aspects of neurology and neuroscience. Neurology in Africa Cambridge University Press This practical, comprehensive

and highly illustrated book will be invaluable to students and doctors of neurology and internal medicine in Africa. Aminoff's Neurology and General Medicine Elsevier Aminoff's Neurology and General Medicine is the standard and classic reference providing comprehensive coverage of the relationship between neurologic practice and general medicine. As neurologists are asked to consult on general medical conditions, this reference provides an authoritative tool linking general medical conditions to specific neurologic issues and disorders. This is also a valuable tool for the general practitioner seeking to understand the neurologic aspects of their medical practice. Completely revised with new chapters covering metastatic disease, bladder disease, psychogenic disorders, dementia, and pre-operative and post-operative care of patients with neurologic disorders, this new edition will again be the go-to reference for both neurologists and general practitioners. The standard authoritative reference detailing the relationship between neurology and general medicine 100% revised and updated with several new chapters Well illustrated, with most illustrations in full color Imaging Biomarkers in Epilepsy Cambridge University Press Assembles world-class expertise on clinical and molecular imaging-derived biomarkers, presenting neuroimaging in epilepsy in a broad neuroscientific context. Stroke Medicine Springer This collection of case studies is authored by a group of internationally recognised experts in the field of cerebrovascular disease. The cases are carefully selected to provide an insight into the different kinds of stroke syndromes from the common through to more rare presentations of cerebrovascular pathology. Each case is worked through with a discussion on presentation, clinical features, examination, radiological findings and management. Finally, learning points are highlighted to help the reader focus on the key points of the case study. Stroke Medicine: Case Studies from Queen Square is aimed at medical students and doctors in all stages of training from foundation years through to consultancy. Encyclopedia of the Neurological Sciences Academic Press The Encyclopedia of the Neurological Sciences, Second Edition develops from the first edition, covering all areas of neurological sciences through over 1000 entries focused on a wide variety of topics in neurology, neurosurgery, psychiatry and other related areas of neuroscience. The contributing authors represent all aspects of neurology from many viewpoints and disciplines to provide a complete overview of the field. Entries are designed to be understandable without detailed background knowledge in the subject matter, and cross-referencing and suggested further reading lead the reader from a basic knowledge of the subject to more advanced understanding. The easy-to-use 'encyclopedia-dictionary' format of the Encyclopedia of the Neurological Sciences, Second Edition features alphabetic entries, extensive cross-referencing, and a thorough index for quick reference. The wealth of information provided by these four volumes makes this reference work a trusted source of valuable information for a wide range of researchers, from undergraduate students to academic researchers. Provides comprehensive coverage of the field of neurological science in over 1,000 entries in 4 volumes "Encyclopedia-dictionary" format provides for concise, readable entries and easy searching Presents complete, up-to-date information on 32 separate areas of neurology Entries are supplemented with extensive cross-referencing, useful references to primary research articles, and an extensive index Clinical Neurology, 4th Edition CRC Press Concise yet comprehensive, Clinical Neurology, Fourth Edition builds on the success of three previous editions in helping medical students, junior doctors, and practicing physicians acquire an improved understanding of the principles of neurology. The fourth edition has been fully revised and updated to take into account current develop-

ments in the investigation and treatment of neurological disorders. It retains a clinical focus, emphasizing the basic skills of history taking and neurological examination throughout. This edition presents expanded coverage of neurophysiology and motor neurone disease. Authored and edited by leading figures in neurology, this book is an indispensable introduction to the field of clinical neurology, for use in training and study as well as in the clinical setting. Seizures and Epilepsy Oxford University Press This second edition of 'Seizures and Epilepsy' is completely revised, due to tremendous advances in the understanding of the fundamental neuronal mechanisms underlying epileptic phenomena, as well as current diagnosis and treatment, which have been heavily influenced over the past several decades by seminal neuroscientific developments, particularly the introduction of molecular neurobiology, genetics, and modern neuroimaging. This resource covers a broad range of both basic and clinical epileptology. Oxford Textbook of Neuropsychiatry Oxford University Press, USA New from Oxford Textbooks in Psychiatry, the Oxford Textbook of Neuropsychiatry bridges the gap between general psychiatric textbooks and reference texts in neuropsychiatry. Divided into four sections, it covers core knowledge and skills for practice in all psychiatric disciplines, with key information for training in neuropsychiatry. Pelvic Organ Dysfunction in Neurological Disease Cambridge University Press Pelvic Organ Dysfunction in Neurological Disease describes the neurological control of human bladder, bowel and sexual function and then details the dysfunctions which may arise as a consequence of various neurological diseases. Easy to read, the book will be of value to any healthcare professional managing patients in whom pelvic organ functions have been compromised by neurological disease. The book provides a structured approach to present day understanding of the neurological control of pelvic organs and the investigation and management of each type of organ dysfunction. A unique feature of this book is that it addresses the impact of specific neurological disorders on all three functions. The authors have all been associated with the Department of Uro-Neurology at the National Hospital for Neurology and Neurosurgery, London since it was established 20 years ago. This book is a timely review of their accumulated knowledge and the latest literature. Oxford Textbook of Clinical Neurophysiology Oxford University Press Part of the Oxford Textbooks in Clinical Neurology series, the Oxford Textbook of Clinical Neurophysiology includes sections that provide a summary of the basic science underlying neurophysiological techniques, a description of the techniques themselves, including normal values, and a description of the use of the techniques in clinical situations. Much of diagnostic neurophysiology is essentially pattern recognition which is illustrated throughout the text using audio and video examples. Divided into four key sections, this book begins with the scientific basis of clinical neurophysiology (Section 1) before exploring specific techniques including Electromyography, Intracranial EEG recordings, and Magnetoencephalography (Section 2). The final two sections explore clinical aspects of both the peripheral nervous system (Section 3) and the central nervous system (Section 4). Neurological Physiotherapy Pocketbook Elsevier Health Sciences The second edition of the Neurological Physiotherapy Pocketbook is the only book for physiotherapists that provides essential evidence-based information in a unique and easy-to-use format, applicable to clinical settings. Written by new international editors and contributors, this pocketbook provides quick and easy access to essential clinical information. Pocketbook size for when out on clinical placement or working in clinical practice Revised and brand new chapters on neurological rehabilitation and essential components Concentrates on the six most common conditions: including

stroke, traumatic brain, and spinal cord injury Key messages highlighted for assessment, treatment, and measurement of the most common neurological conditions

The Clinical Neuropsychiatry of Multiple Sclerosis Cambridge University Press Multiple sclerosis is the most common cause of neurological disability in young and middle-aged adults. This fully updated and revised new edition provides a detailed account of the many neuropsychiatric disorders associated with MS and is relevant to both the research and the clinical setting. Using the latest brain imaging findings and results from treatment trials, the symptoms, assessment, diagnosis, and treatment of depression in MS are covered, as are psychosocial factors and the link between depression and MRI abnormalities. Subsequent chapters focus on cognitive dysfunction in MS, including the natural history of cognitive change, the use of screening instruments and neuropsychological batteries, brain imaging correlations and management strategies. The book concludes with a survey of the behavioral benefits and risks associated with disease-modifying drugs. It will be valuable to all mental health professionals, neurologists, and others caring for those affected by MS.

The Treatment of Epilepsy John Wiley & Sons Highly Commended at the British Medical Association Book Awards 2016 The Treatment of Epilepsy, fourth edition, is a comprehensive reference and clinical guide to the pharmacological, medical and surgical options available in the treatment of epilepsy. The text is compiled by a group of internationally renowned editors and contributors and is now in full color and extensively illustrated The first two sections cover the background to, and principles of, treatment in different clinical situations Section three comprises a series of systematic reviews of contemporary drug therapy, devoting one chapter to each anti-epileptic drug and covering all clinically-relevant aspects Section four focuses on the surgical options, devoting individual chapters to each of the modalities of presurgical assessment and to each surgical operation or approach This 4th edition is extensively revised incorporating the many recent developments in therapy, and comprises 81 chapters from world experts from 18 countries

Clinical Neurology CRC Press Neurology is an exciting and evolving clinical science. The fact that many previously untreatable diseases are now known to be not only treatable, but preventable, has raised new optimism for the probability that treatments will emerge for other currently incurable neurologic disorders. This book is written and illustrated for students of clinical

The Neurobiology of Disease Cambridge University Press Demonstrating the value of interactions between neurology and the basic sciences that underpin it, this volume considers a range of topics from the points of view of both neurobiologist and clinician and reveals how advances in our understanding have been and continue to be made. The coverage boasts an excellent section on the physiology and pathophysiology of central and peripheral nerve fibers and an in-depth view of motor control including the often ignored but vital respiratory movements. Also notable are the chapters on neuronal plasticity, and cell death and axonal regeneration: active areas in neuroscience, where new knowledge will almost certainly revolutionize neurological treatments in years to come.

Prognosis of Neurological Diseases Springer This book offers clear, detailed guidance on all aspects of prognostic evaluation in patients who have been involved in a serious accident with neurological consequences or have been diagnosed with a severe neurological illness. It covers the full range of disorders of the central and the peripheral nervous system, not only providing very accurate prognostic estimates but also addressing relevant clinical issues, differential diagnosis, and the role of imaging. The book is practically oriented and designed for use on a daily basis when assessing prognosis and discussing the outcome with patients,

their families, and other interested parties. It will support patient-doctor partnerships by ensuring that the most professional answers can be given to patients' and doctors' questions and by promoting realistic expectations of the effect of medical interventions. In addition, it will enable doctors, lawyers, and other professionals to understand relevant issues when an estimate of prognosis and life expectancy is the subject of legal dispute.

Warlow's Stroke John Wiley & Sons A practical textbook, based on a problem-oriented workflow, that will improve patients' likelihood of full recovery from stroke and prevent future strokes from occurring Stroke is the leading cause of adult disability and is in the top five causes of death globally. Warlow's Stroke: Practical Management, 4th Edition takes a problem-oriented approach and addresses the questions posed by a stroke patient in the order they are likely to present in clinical practice, for instance, 'Is it a stroke?', 'What sort of stroke?', 'What caused it?', and 'What can be done about it?'. Beginning with chapters phrased as questions, the book walks the reader through a standard clinical workflow, exploring the practical skills and assessment required at each stage of patient management. Early chapters cover: locating the vascular lesion, identifying the involved arterial territory, the role imaging should play, and the application thereof. Subsequent chapters look at what causes a transient or persistent ischemic event, an intracerebral hemorrhage and a subarachnoid hemorrhage. Unusual causes of ischemic stroke and transient ischemic attack are also covered. The book then presents a practical approach to the management of stroke and transient ischemic attack; offers specific treatments for acute ischemic stroke and aneurysmal subarachnoid hemorrhage; provides ways for professionals to prevent first or recurrent stroke; and more. Final chapters of the book discuss rehabilitation after stroke, how patients and carers can be supported in the short term and long term, prevention of recurrent stroke, and the organization of stroke services.

Warlow's Stroke: Practical Management, 4th Edition Follows clinical workflow for stroke analysis Features evidence-based approach throughout Offers practical application aimed at improving patient outcomes Written and edited by internationally renowned experts in the field An essential resource for all practitioners involved in the care of patients who suffer from cerebrovascular disease, but particularly suitable for neurologists, residents, geriatricians, stroke physicians, radiologists and primary care physicians.

C. Miller Fisher Oxford University Press, USA "When Charles Miller Fisher was born in 1913 there was little scientific knowledge about brain diseases and their treatment. Stroke, one of the most common and most feared among brain conditions, did an almost complete flip/flop during the 20th century. At the midpoint of the century, when Fisher began his career, there was little public or medical interest in stroke. By the end of the century stroke care and research was among the most intensely active areas within all of medicine. This book is the story of that change and of one physician, Dr. C. Miller Fisher, a main architect and driver of that change"--

Handbook of Epilepsy Treatment Wiley-Blackwell A concise synopsis of all major forms of therapy and treatment associated with epilepsy affecting both children and adults.

Active Inference MIT Press The first comprehensive treatment of active inference, an integrative perspective on brain, cognition, and behavior used across multiple disciplines. Active inference is a way of understanding sentient behavior—a theory that characterizes perception, planning, and action in terms of probabilistic inference. Developed by theoretical neuroscientist Karl Friston over years of groundbreaking research, active inference provides an integrated perspective on brain, cognition, and behavior that is increasingly used across multiple disciplines including neuroscience, psychology, and

philosophy. Active inference puts the action into perception. This book offers the first comprehensive treatment of active inference, covering theory, applications, and cognitive domains. Active inference is a “first principles” approach to understanding behavior and the brain, framed in terms of a single imperative to minimize free energy. The book emphasizes the implications of the free energy principle for understanding how the brain works. It first introduces active inference both conceptually and formally, contextualizing it within current theories of cognition. It then provides specific examples of computational models that use active inference to explain such cognitive phenomena as perception, attention, memory, and planning. *Clinical Neuroradiology* Springer This superbly illustrated textbook, endorsed by the European Society of Neuroradiology, explains in detail the clinical importance of neuroradiology in complementing history taking and physical examination during the workup of patients suspected of having neurological, neurosurgical, or psychiatric disorders. The role of imaging of the brain and spinal cord is described across the full range of relevant conditions, including, for example, cerebrovascular diseases, trauma, CSF disorders, developmental malformations, autoimmune diseases, epilepsy, tumors and tumor-like conditions, neurodegenerative diseases, metabolic conditions, and bipolar and depressive disorders. The structured approach to imaging and image analysis will ensure that the book is an invaluable resource for neuroradiologists in training and clinicians alike. Starting from the clinical indication, suggestions for imaging protocols are provided and checklists of common findings and aspects key to interpretation are presented. The book is published within the SpringerReference program, which combines thorough coverage with access to living editions constantly updated via a dynamic peer-review process.

Aminoff's *Neurology and General Medicine* is the standard and classic reference providing comprehensive coverage of the relationship between neurologic practice and general medicine. As neurologists are asked to consult on general medical conditions, this reference provides an authoritative tool linking general medical conditions to specific neurologic issues and disorders. This is also a valuable tool for the general practitioner seeking to understand the neurologic aspects of their medical practice. Completely revised with new chapters covering metastatic disease, bladder disease, psychogenic disorders, dementia, and pre-operative and post-operative care of patients with neurologic disorders, this new edition will again be the go-to reference for both neurologists and general practitioners. The standard authoritative reference detailing the relationship between neurology and general medicine 100% revised and updated with several new chapters Well illustrated, with most illustrations in full color

A practical approach to the recognition and management of all aspects of migraine Migraine, characterized by periodic bursts of severe debilitating headache, is increasingly recognized as being not only a disease in its own right, but as a disorder that co-occurs with other disorders. Comorbidity in Migraine presents a clinically-oriented, comprehensive treatment approach to migraine. The international collection of authors cover: *Migraine and Psychiatric Disorders* *Migraine and Vascular disorders* *Migraine and Epilepsy* *Migraine and other Pain Disorders* *Migraine and Medication Overuse* Case vignettes and management algorithms enhance the clinical utility of the book. Comorbidity in Migraine enhances your ability to treat your migraine patients effectively to improve their quality of life. *Titles of Related Interest* *Pediatric Headaches in Clinical Practice* Hershey, Powers, Winner, Kabbouche (eds); ISBN 978-0-470-51273-9 *Handbook of Epilepsy Treatment*, 3e Shorvon; ISBN 978-1-4051-9818-9

Neurology: A Queen Square Textbook Clarke, Howard, Rossor, Shorvon (eds); ISBN 978-1-4051-3443-9

Part of the *Drugs in series*, this book provides an easily accessible pocket-sized guide to the use of medications when treating patients with neurological ailments. *Drugs in Neurology* covers the breadth of medications used in modern neurology, including each drug's indications, contra-indications, side-effects and important interactions. The underlying pharmacology also feature (where known). Practical aspects related to prescribing and therapeutic drug monitoring are covered and based on the most up-to-date evidence-based guidance. Each drug monograph contains a small section drawing on the wisdom of the senior contributors of each chapter with regards to using the medication.

Neurology is an exciting and evolving clinical science. The fact that many previously untreatable diseases are now known to be not only treatable, but preventable, has raised new optimism for the probability that treatments will emerge for other currently incurable neurologic disorders. This book is written and illustrated for students of clinical

Assembles world-class expertise on clinical and molecular imaging-derived biomarkers, presenting neuroimaging in epilepsy in a broad neuroscientific context.

Concise yet comprehensive, *Clinical Neurology, Fourth Edition* builds on the success of three previous editions in helping medical students, junior doctors, and practicing physicians acquire an improved understanding of the principles of neurology. The fourth edition has been fully revised and updated to take into account current developments in the investigation and treatment of neurological disorders. It retains a clinical focus, emphasizing the basic skills of history taking and neurological examination throughout. This edition presents expanded coverage of neurophysiology and motor neurone disease. Authored and edited by leading figures in neurology, this book is an indispensable introduction to the field of clinical neurology, for use in training and study as well as in the clinical setting.

Multiple sclerosis is the most common cause of neurological disability in young and middle-aged adults. This fully updated and revised new edition provides a detailed account of the many neuropsychiatric disorders associated with MS and is relevant to both the research and the clinical setting. Using the latest brain imaging findings and results from treatment trials, the symptoms, assessment, diagnosis, and treatment of depression in MS are covered, as are psychosocial factors and the link between depression and MRI abnormalities. Subsequent chapters focus on cognitive dysfunction in MS, including the natural history of cognitive change, the use of screening instruments and neuropsychological batteries, brain imaging correlations and management strategies. The book concludes with a survey of the behavioral benefits and risks associated with disease-modifying drugs. It will be valuable to all mental health professionals, neurologists, and others caring for those affected by MS.

Perfect for anyone considering or training in this challenging specialty, *Principles of Neurological Surgery, 4th Edition*, by Drs. Richard G. Ellenbogen, Laligam N. Sekhar, and Neil Kitchen, provides a clear, superbly illustrated introduction to all aspects of neurosurgery—from general principles to specific techniques. Thorough updates from leading authors ensure that you'll stay abreast of the latest advances in every area of neurosurgery, including pre- and post-operative patient care, neuroradiolo-

gy, pediatric neurosurgery, neurovascular surgery, trauma surgery, spine surgery, oncology, pituitary adenomas, cranial base neurosurgery, image-guided neurosurgery, treatment of pain, epilepsy surgery, and much more.

The South Asian Edition of *Localization in Clinical Neurology* is a unique and outstanding textbook on localization answering the trilogy of Neurology: 'Is there a lesion?' 'Where is the lesion?' and 'What is the lesion?' There is no surrogate to history taking and clinical examination in the process of neuroaxis localization. The depths of knowledge unraveled in this book guides a beginners' brain in training and satiates a master's mind at work. Each chapter is carefully crafted to strengthen the anatomy, sense of localization, enhance the mind to solve the puzzles of neurology, and reach the possible etiology. Key Features • Unique textbook on clinical localization with comprehensive coverage addressing all brain regions including cranial, spinal, and peripheral nerves • Revision pearls at the end of each chapter provide a succinct summary of salient points in the chapter • Multiple-choice questions help in the revision of learned concepts • Flow charts, diagrams, algorithms, and tables assist in grasping the gist of the concepts • Case scenarios provide a virtual experience of the bedside clinics • Online videos and neurodiagnostic clues provide a better understanding of clinical findings • Detailed discussions cover relevant anatomy, followed by the lesions related to each anatomic feature. Now in two colours throughout, this new edition of *LectureNotes: Neurology* contains the core neurological information required, whichever branch of clinical medicine you choose. Reflecting current clinical practice, the latest advances in the diagnosis and management of neurological diseases are concisely covered. The book is divided into two parts. The *Neurological Approach* looks at neurological history taking. The neurological examination is then discussed in detail – consciousness, cognitive function, vision and other cranial nerves, motor function, sensation and autonomic function. In part two, *Neurological Disorders*, the common neurological conditions are described, along with neurological emergencies and neuro-rehabilitation. Featuring a self-assessment section, and with clinical scenario and key points boxes throughout, *LectureNotes: Neurology* is ideal for medical students, junior doctors, and specialist nurses who want a concise introduction to clinical neurology that can be used as a core text or as a revision resource.

Pelvic Organ Dysfunction in Neurological Disease describes the neurological control of human bladder, bowel and sexual function and then details the dysfunctions which may arise as a consequence of various neurological diseases. Easy to read, the book will be of value to any healthcare professional managing patients in whom pelvic organ functions have been compromised by neurological disease. The book provides a structured approach to present day understanding of the neurological control of pelvic organs and the investigation and management of each type of organ dysfunction. A unique feature of this book is that it addresses the impact of specific neurological disorders on all three functions. The authors have all been associated with the Department of Uro-Neurology at the National Hospital for Neurology and Neurosurgery, London since it was established 20 years ago. This book is a timely review of their accumulated knowledge and the latest literature.

This book offers clear, detailed guidance on all aspects of prognostic evaluation in patients who have been involved in a serious accident with neurological consequences or have been diagnosed with a severe neurological illness. It covers the full range of disorders of the central and the peripheral nervous system, not only providing very accurate prognostic estimates but also addressing relevant clin-

ical issues, differential diagnosis, and the role of imaging. The book is practically oriented and designed for use on a daily basis when assessing prognosis and discussing the outcome with patients, their families, and other interested parties. It will support patient-doctor partnerships by ensuring that the most professional answers can be given to patients' and doctors' questions and by promoting realistic expectations of the effect of medical interventions. In addition, it will enable doctors, lawyers, and other professionals to understand relevant issues when an estimate of prognosis and life expectancy is the subject of legal dispute.

A comprehensive history of the National Hospital, Queen Square, and its Institute, placed within the context of British neurology.

Part of the Oxford Textbooks in Clinical Neurology (OTCN) series, this volume covers the scientific basis, clinical diagnosis, and treatment of epilepsy and epileptic seizures, and is complemented by an online edition.

This book represents the final work of the late Professor C. David Marsden, who was the most influential figure in the field of movement disorders, in terms of his contributions to both research and clinical practice, in the modern era. It was conceived and written by David Marsden and his colleague at the Institute of Neurology, Prof. Ivan Donaldson. It was their intention that this would be the most comprehensive book on movement disorders and also that it would serve as the 'clinical Bible' for the management of these conditions. It provides a masterly survey of the entire topic, which has been made possible only by vast laboratory and bedside experience. *Marsden's Book of Movement Disorders* covers the full breadth of movement disorders, from the underlying anatomy and understanding of basal ganglia function to the diagnosis and management of specific movement disorders, including the more common conditions such as Parkinson's Disease through to rare, and very rare conditions such as Niemann-Pick disease. Chapters follow a structured format with historical overviews, definitions, clinical features, differential diagnosis, investigations and treatment covered in a structured way. It is extensively illustrated with many original photographs and diagrams of historical significance. Among these illustrations are still images of some original film clips of some of Dr. Marsden's patients published here for the first time. Comprehensively referenced and updated by experts from the Institute of Neurology at Queen Square, this book is a valuable reference for, not just movement disorder specialists and researchers, but also for clinicians who care for patients with movement disorders.

A concise synopsis of all major forms of therapy and treatment associated with epilepsy affecting both children and adults.

Vertigo, dizziness, and imbalance rank amongst the most common presenting symptoms in neurology, ENT, geriatric medicine, and general practice. These symptoms can originate from many different organs and systems, such as the inner ear, general medical conditions, neurological and psychological disorders. The *Oxford Textbook of Vertigo and Imbalance* provides an up-to-date summary of the scientific basis, clinical diagnosis, and management of disorders leading to dizziness and poor balance. This textbook is conceptually divided into three sections, detailing the scientific basis, general clinical issues, and specific diseases diagnosed in clinical practice that are responsible for complaints of dizziness and imbalance. Individual chapters address benign paroxysmal positional verti-

go, vestibular migraine, vestibular neuritis, stroke, and Ménière's disease. Additional chapters follow a syndrome-based approach and cover multiple conditions, including cerebellar disorders, bilateral vestibular failure and gait, and psychological disorders. The print edition is complemented by an online version, which allows access to the full content of the textbook, contains links from the references to primary research journal articles, allows full text searches, and provides access to figures and tables that can be downloaded to PowerPoint. It serves a useful clinical reference for neurologists, otorhinolaryngologists, audio-vestibular physicians, and senior trainees in those specialties.

Part of the Oxford Textbooks in Clinical Neurology series, the Oxford Textbook of Clinical Neurophysiology includes sections that provide a summary of the basic science underlying neurophysiological techniques, a description of the techniques themselves, including normal values, and a description of the use of the techniques in clinical situations. Much of diagnostic neurophysiology is essentially pattern recognition which is illustrated throughout the text using audio and video examples. Divided into four key sections, this book begins with the scientific basis of clinical neurophysiology (Section 1) before exploring specific techniques including Electromyography, Intracranial EEG recordings, and Magnetoencephalography (Section 2). The final two sections explore clinical aspects of both the peripheral nervous system (Section 3) and the central nervous system (Section 4).

A practical textbook, based on a problem-oriented workflow, that will improve patients' likelihood of full recovery from stroke and prevent future strokes from occurring Stroke is the leading cause of adult disability and is in the top five causes of death globally. Warlow's Stroke: Practical Management, 4th Edition takes a problem-oriented approach and addresses the questions posed by a stroke patient in the order they are likely to present in clinical practice, for instance, 'Is it a stroke?', 'What sort of stroke?', 'What caused it?', and 'What can be done about it?'. Beginning with chapters phrased as questions, the book walks the reader through a standard clinical workflow, exploring the practical skills and assessment required at each stage of patient management. Early chapters cover: locating the vascular lesion, identifying the involved arterial territory, the role imaging should play, and the application thereof. Subsequent chapters look at what causes a transient or persistent ischemic event, an intracerebral hemorrhage and a subarachnoid hemorrhage. Unusual causes of ischemic stroke and transient ischemic attack are also covered. The book then presents a practical approach to the management of stroke and transient ischemic attack; offers specific treatments for acute ischemic stroke and aneurysmal subarachnoid hemorrhage; provides ways for professionals to prevent first or recurrent stroke; and more. Final chapters of the book discuss rehabilitation after stroke, how patients and carers can be supported in the short term and long term, prevention of recurrent stroke, and the organization of stroke services. Warlow's Stroke: Practical Management, 4th Edition Follows clinical workflow for stroke analysis Features evidence-based approach throughout Offers practical application aimed at improving patient outcomes Written and edited by internationally renowned experts in the field An essential resource for all practitioners involved in the care of patients who suffer from cerebrovascular disease, but particularly suitable for neurologists, residents, geriatricians, stroke physicians, radiologists and primary care physicians.

This collection of case studies is authored by a group of internationally recognised experts in the field of cerebrovascular disease. The cases are carefully selected to provide an insight into the different kinds of stroke syndromes from the common through to more rare presentations of cerebrovas-

cular pathology. Each case is worked through with a discussion on presentation, clinical features, examination, radiological findings and management. Finally, learning points are highlighted to help the reader focus on the key points of the case study. Stroke Medicine: Case Studies from Queen Square is aimed at medical students and doctors in all stages of training from foundation years through to consultancy.

Part of the Oxford Textbooks in Clinical Neurology series, this textbook will provide the reader with an understanding of the theoretical underpinnings of neurorehabilitation, as well as a clear idea about how (and why) to approach treatment decisions in individual patients.

The Encyclopedia of the Neurological Sciences, Second Edition develops from the first edition, covering all areas of neurological sciences through over 1000 entries focused on a wide variety of topics in neurology, neurosurgery, psychiatry and other related areas of neuroscience. The contributing authors represent all aspects of neurology from many viewpoints and disciplines to provide a complete overview of the field. Entries are designed to be understandable without detailed background knowledge in the subject matter, and cross-referencing and suggested further reading lead the reader from a basic knowledge of the subject to more advanced understanding. The easy-to-use 'encyclopedic-dictionary' format of the Encyclopedia of the Neurological Sciences, Second Edition features alphabetic entries, extensive cross-referencing, and a thorough index for quick reference. The wealth of information provided by these four volumes makes this reference work a trusted source of valuable information for a wide range of researchers, from undergraduate students to academic researchers. Provides comprehensive coverage of the field of neurological science in over 1,000 entries in 4 volumes "Encyclopedic-dictionary" format provides for concise, readable entries and easy searching Presents complete, up-to-date information on 32 separate areas of neurology Entries are supplemented with extensive cross-referencing, useful references to primary research articles, and an extensive index

Suitable for use on the ward and in clinical settings, this book includes information and clinical guidance passed down by generations of neurologists. It deals with taking a neurological history and examination, including the skills necessary to make a neurological assessment.

Demonstrating the value of interactions between neurology and the basic sciences that underpin it, this volume considers a range of topics from the points of view of both neurobiologist and clinician and reveals how advances in our understanding have been and continue to be made. The coverage boasts an excellent section on the physiology and pathophysiology of central and peripheral nerve fibers and an in-depth view of motor control including the often ignored but vital respiratory movements. Also notable are the chapters on neuronal plasticity, and cell death and axonal regeneration: active areas in neuroscience, where new knowledge will almost certainly revolutionize neurological treatments in years to come.

New from Oxford Textbooks in Psychiatry, the Oxford Textbook of Neuropsychiatry bridges the gap between general psychiatric textbooks and reference texts in neuropsychiatry. Divided into four sections, it covers core knowledge and skills for practice in all psychiatric disciplines, with key information for training in neuropsychiatry.

Neurology: A Queen Square Textbook is a remarkable fusion of modern neuroscience with traditional

neurology that will inform and intrigue trainee and experienced neurologists alike. Modern neuroscience has penetrated exciting and diverse frontiers into the causes, diagnosis, and treatment of neurological disease. Clinical neurology, whilst greatly enhanced by dramatic advances in molecular biology, genetics, neurochemistry and physiology, remains deeply rooted in practical traditions: the history from the patient and the elicitation of physical signs. Neurologists, neuroscientists and neurosurgeons working at Queen Square, and advised by an international editorial team, have combined their expertise and experience to produce this unique text. The synthesis of clinical neurology with translational research provides a fresh perspective which is Practical Multidisciplinary Translational Integrative The blend of new science and proven practice underpins this creative approach towards investigating and improving the care of patients suffering from neurological diseases. About Queen Square The world-renowned National Hospital for Neurology & Neurosurgery and UCL Institute of Neurology, based in Queen Square, London, have an international reputation for training, research and patient care. Research at both institutions leads developments in translational medicine that are transforming the treatment of neurological disease.

This superbly illustrated textbook, endorsed by the European Society of Neuroradiology, explains in detail the clinical importance of neuroradiology in complementing history taking and physical examination during the workup of patients suspected of having neurological, neurosurgical, or psychiatric disorders. The role of imaging of the brain and spinal cord is described across the full range of relevant conditions, including, for example, cerebrovascular diseases, trauma, CSF disorders, developmental malformations, autoimmune diseases, epilepsy, tumors and tumor-like conditions, neurodegenerative diseases, metabolic conditions, and bipolar and depressive disorders. The structured approach to imaging and image analysis will ensure that the book is an invaluable resource for neuroradiologists in training and clinicians alike. Starting from the clinical indication, suggestions for imaging protocols are provided and checklists of common findings and aspects key to interpretation are presented. The book is published within the SpringerReference program, which combines thorough coverage with access to living editions constantly updated via a dynamic peer-review process.

'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

This practical, comprehensive and highly illustrated book will be invaluable to students and doctors of neurology and internal medicine in Africa.

The second edition of the Neurological Physiotherapy Pocketbook is the only book for physiotherapists that provides essential evidence-based information in a unique and easy-to-use format, applicable to clinical settings. Written by new international editors and contributors, this pocketbook provides quick and easy access to essential clinical information. Pocketbook size for when out on clinical placement or working in clinical practice Revised and brand new chapters on neurological rehabilitation and essential components Concentrates on the six most common conditions: including stroke, traumatic brain, and spinal cord injury Key messages highlighted for assessment, treatment, and measurement of the most common neurological conditions

Neurology: A Queen Square Textbook, second edition, is a fully revised and updated companion that demonstrates the rapid pace of advancement within clinical neurology and applied neurosciences A

comprehensive and practical overview of current developments within clinical neurology, synthesising clinical neurology with translational research Expertly edited and written by neurologists, neuroscientists and neurosurgeons working at Queen Square, advised by an distinguished International Editor team to present a global perspective Introductory chapters summarise the basic sciences underpinning the practice of clinical neurology, including genetics, channelopathies, immunology, neurophysiology and neuropathology All chapters fully revised and updated to reflect the increasing role of neurologists in acute care Includes new contributions concerning major developments in the care of; stroke, epilepsy, dementia, Parkinson's disease, multiple sclerosis, neuromuscular disease, headache, infections, spinal disease, cranial nerve disease, neuropsychiatry, neurogenetics, neuro-oncology, uroneurology, neuro-otology, neuro-ophthalmology, pain medicine, sleep medicine, metabolic disease, drugs and toxins, autonomic disease, systemic disease, and neurorehabilitationfor dementia, epilepsy, headaches, neuro-genetics and many more

Highly Commended at the British Medical Association Book Awards 2016 The Treatment of Epilepsy, fourth edition, is a comprehensive reference and clinical guide to the pharmacological, medical and surgical options available in the treatment of epilepsy. The text is compiled by a group of internationally renowned editors and contributors and is now in full color and extensively illustrated The first two sections cover the background to, and principles of, treatment in different clinical situations Section three comprises a series of systematic reviews of contemporary drug therapy, devoting one chapter to each anti-epileptic drug and covering all clinically-relevant aspects Section four focuses on the surgical options, devoting individual chapters to each of the modalities of presurgical assessment and to each surgical operation or approach This 4th edition is extensively revised incorporating the many recent developments in therapy, and comprises 81 chapters from world experts from 18 countries

This second edition of 'Seizures and Epilepsy' is completely revised, due to tremendous advances in the understanding of the fundamental neuronal mechanisms underlying epileptic phenomena, as well as current diagnosis and treatment, which have been heavily influenced over the past several decades by seminal neuroscientific developments, particularly the introduction of molecular neurobiology, genetics, and modern neuroimaging. This resource covers a broad range of both basic and clinical epileptology.

This new review textbook, written by residents and an experienced faculty member from Cleveland Clinic, is designed to ensure success on all sorts of standardized neurology examinations. Presented in a comprehensive question-and-answer format, with detailed rationales, Comprehensive Review in Clinical Neurology is a must-have for both aspiring and practicing neurologists and psychiatrists preparation to take the RITE, the American Board of Psychiatry and Neurology written exams, and various recertification exams.

"When Charles Miller Fisher was born in 1913 there was little scientific knowledge about brain diseases and their treatment. Stroke, one of the most common and most feared among brain conditions, did an almost complete flip/flop during the 20th century. At the midpoint of the century, when Fisher began his career, there was little public or medical interest in stroke. By the end of the century stroke care and research was among the most intensely active areas within all of medicine. This book is the story of that change and of one physician, Dr. C. Miller Fisher, a main architect and driver

of that change"--

Neurology John Wiley & Sons