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This essential, pocket-sized companion to the leading clinical reference in neurology is the ideal quick reference for residents and practitioners. Containing the salient points of clinical diagnosis and management distilled from *Neurology in Clinical Practice, Third Edition*, this handbook is designed to be consulted when answers are needed quickly. * Quick and easy access to the clinical essentials in *Neurology in Clinical Practice, Third Edition* * Fully revised to include advances made in the fields of neurology and genetics * The perfect pocket reference

This publication is included on the ANCC: American Nurses Credentialing Center's reference list. The new Seventh Edition of the award-winning classic prepares its users to deliver expert care in this most challenging nursing specialty. It addresses neuroanatomy, assessment, diagnostic evaluation and management of the complete range of neurological disorders for which nurses provide patient care, including trauma, stroke, tumors, seizures, headache, aneurysms, infections, degen-

erative disorders and features new chapters on neurological critical care and peripheral neuropathies. The new edition has been thoroughly revised to reflect standards of care based on evidence-based practice. It now includes separate pathophysiology sections in each chapter, new resource guides, such as internet sites and professional and patient information sources, key points summaries, evidence-based boxes, and nursing research features. A companion site with fully-searchable text and image bank is available with purchase of the book.

Master the diagnosis and effective treatment of veterinary neurologic disorders! de Lahunta's *Veterinary Neuroanatomy and Clinical Neurology, 5th Edition* provides in-depth coverage of the anatomy, physiology, and pathology of the nervous system. With this knowledge, you will be able to accurately diagnose the location of neurologic lesions in small animals, horses, and food animals. Practical guidelines explain how to perform neurologic examinations, interpret examination results, and formulate treatment

plans. Descriptions of neurologic disorders are accompanied by clinical case studies, photos and drawings, and radiographs. Written by neurology experts Alexander de Lahunta, Eric Glass, and Marc Kent, this resource includes hundreds of online videos depicting the patients and disorders described in the text. Logical case description format presents diseases in a manner that is similar to diagnosing and treating neurologic disorders in the clinical setting: 1) Description of the neurologic disorder; 2) Neuroanatomic diagnosis and how it was determined, the differential diagnosis, and any ancillary data; and 3) Course of the disease, the final clinical or necropsy diagnosis, and a brief discussion of the syndrome. More than 380 videos on a companion website hosted by the Cornell University College of Veterinary Medicine bring concepts to life and clearly demonstrate the neurologic disorders and examination techniques described in case examples throughout the text. More than 250 high-quality radiographs and over 800 vibrant color photographs and line drawings depict anatomy, physiology, and pathology, including gross and microscopic lesions, and enhance your ability to diagnose challenging neurologic cases. High-quality, state-of-the-art MRI images correlate with stained transverse sections of the brain, showing minute detail that the naked eye alone cannot see. A detailed Video Table of Contents in the front of the book makes it easier to access the videos that correlate to case examples. NEW case descriptions offer additional practice in working your way through real-life scenarios to reach an accurate diagnosis and an effective treatment plan for neurologic disorders. NEW! Content updates reflect the latest evidence-based research. NEW! Clinical photos and illustrations are up-

dated to reflect current practice.

Pocket-sized and affordable, this classic Thieme Flexibook provides a thorough and comprehensive review of clinical neurology. The fully revised fourth edition puts new emphasis on clinical relevance, and contains updated information on stroke, epilepsy, eye movements, headache, and more! Key features:- Nearly 1,000 pages of up-to-date clinical information- More than 50% of the book has been totally revised and updated for this edition- Easy-to-use index provides quick access to content- Written by two experienced clinical neurologists and teachers- One of the best basic works to address the entire field of neurology, this practical book has become a major text and reference for neurology students and residents the world over. The book also appeals to general practitioners, neurology specialists, and even neurosurgeons needing a quick reference on an unfamiliar neurological problem.

Diagnose neuromuscular disorders more quickly and accurately with *Electromyography and Neuromuscular Disorders: Clinical-Electrophysiologic Correlations*, 3rd Edition! State-of-the-art guidance helps you correlate electromyographic and clinical findings and use the latest EMG techniques to their fullest potential. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Successfully correlate electrodiagnostic findings with key clinical findings for more confident diagnoses. Clearly see how to apply what you've learned with abundant case studies throughout the book. Obtain relevant clinical guidance quickly and easily with an accessible, easy-to-read writing

style that's both comprehensive and easy to understand. Ensure correct EMG needle placement and avoid neurovascular injuries by referring to more than 65 detailed, cross-sectional anatomy drawings. Diagnose many newly defined genetic neuromuscular conditions based on their electrodiagnostic presentation. Stay up to date with must-know information on iatrogenic complications of electrodiagnostic studies. Visualize key concepts more easily with a brand-new full-color design, new artwork, and new photographs. Access Electromyography and Neuromuscular Disorders online, fully searchable, at www.expertconsult.com, along with more than 70 videos that allow you to see and hear the EMG waveforms discussed in the text, as well as a convenient "test yourself" module.

The new Seventh Edition of the award-winning classic prepares its users to deliver expert care in this challenging nursing specialty. It addresses neuroanatomy, assessment, diagnostic evaluation and management of the complete range of neurological disorders for which nurses provide patient care, including trauma, stroke, tumors, seizures, headache, aneurysms, infections, degenerative disorders and features new chapters on neurological critical care and peripheral neuropathies. The new edition has been thoroughly revised to reflect standards of care based on evidence-based practice. It now includes separate pathophysiology sections in each chapter, new resource guides, such as internet sites and professional and patient information sources, key points summaries, evidence-based boxes, and nursing research features.

Covers the most common neurological problems, as well as neurological subspecialties, related disciplines, and relevant laboratory investigations. Includes gener-

al principles of management of patients with neurological problems. The second volume covers individual neurological diseases, emphasizing diagnosis and treatment.

This book is a practical, concise alternative to existing neurology textbooks. The outline format and standard chapter template offers the reader immediate, comprehensive information. The author is a well-respected educator who has a talent for making neurologic information accessible and understandable. Significant changes have been made to the therapeutics/management portion of the book as well as specific diagnosis-related chapters have been updated. More tables and figures allow the reader to find the information quickly. This book sits between a handbook and a textbook and distinguishes itself in its presentation of material in a problem-oriented format: 35 chapters discuss how to approach the patient with a variety of disorders; the second half of the book discusses treatment options.

Neurology - as only Harrison's can cover it Featuring a superb compilation of chapters related to neurology that appear in Harrison's Principles of Internal Medicine, Eighteenth Edition, this concise, full-color clinical companion delivers the latest knowledge in the field backed by the scientific rigor and authority that have defined Harrison's. You will find content from renowned editors and contributors in a carry-anywhere presentation that is ideal for the classroom, clinic, ward, or exam/certification preparation. Features Current, complete coverage of clinically important topics in neurology, including Clinical Manifestations of Neurologic Diseases, Diseases of the Nervous System, Chronic Fatigue Syndrome, Psychiatric Disorders, and Alco-

holism and Drug Dependency NEW CHAPTERS discuss the pathogenesis and treatment and syncope; dizziness and vertigo; peripheral neuropathy; neuropsychiatric problems among war veterans; and advances in deciphering the pathogenesis of common psychiatric disorders Integration of pathophysiology with clinical management 118 high-yield questions and answers drawn from Harrison's Principles of Internal Medicine Self-Assessment and Board Review, 18e Content updates and new developments since the publication of Harrison's Principles of Internal Medicine, 18e 58 chapters written by physicians who are recognized experts in the field of clinical neurology Helpful appendix of laboratory values of clinical importance

New edition, completely rewritten, with new chapters on endovascular surgery and mitochondrial and ion channel disorders.

A practical, dynamic resource for practicing neurologists, clinicians and trainees, Bradley and Daroff's Neurology in Clinical Practice, Eighth Edition, offers a straightforward style, evidence-based information, and robust interactive content supplemented by treatment algorithms and images to keep you up to date with all that's current in this fast-changing field. This two-volume set is ideal for daily reference, featuring a unique organization by presenting symptom/sign and by specific disease entities-allowing you to access content in ways that mirror how you practice. More than 150 expert contributors, led by Drs. Joseph Jankovic, John C. Mazziotta, Scott L. Pomeroy, and Nancy J. Newman, provide up-to-date guidance that equips you to effectively diagnose and manage the full range of neurological disorders. Covers all aspects of today's neurology in an easy-to-read, clinically relevant manner. Allows for easy

searches through an intuitive organization by both symptom and grouping of diseases. Features new and expanded content on movement disorders, genetic and immunologic disorders, tropical neurology, neuro-ophthalmology and neuro-otology, palliative care, pediatric neurology, and new and emerging therapies. Offers even more detailed videos that depict how neurological disorders manifest, including EEG and seizures, deep brain stimulation for PD and tremor, sleep disorders, movement disorders, ocular oscillations, EMG evaluation, cranial neuropathies, and disorders of upper and lower motor neurons, as well as other neurologic signs. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

For more than twenty years, this texts has helped students, residents, and clinicians understand the link between basic neuroscience and current approaches in diagnosis and treatment. Distinguished by its practice-oriented approach to neurology based on presenting symptoms, this trusted classic delivers the clearest and most concise introduction to the field available anywhere.

This book comprehensively reviews the current state of clinical trial methods in multiple sclerosis treatment, providing investigators, sponsors and specialists with current knowledge of outcome measures and study designs for disease and symptom management. The status of the rapidly evolving field of disease-modifying drugs is presented, with emphasis on the most promising therapies currently being tested. Experts discuss disease and symptom management for MS subtypes, including neuromyelitis optica and pediatric MS. In addition, key scientific

advances in MS pathology, genetics, immunology and epidemiology are presented. The fourth edition has been extensively revised, featuring more than 50% new material. All chapters have been substantially updated to provide current information on rapidly evolving topics and this volume contains 15 new chapters, reflecting the growth of the field in recent years. This book is an essential reference for practitioners caring for MS patients, investigators planning or conducting clinical trials, and clinical trial sponsors.

Inside the third edition of this reference, the reader will find thorough and authoritative discussions of all of these developments and their implications for clinical practice. It includes a major new section on Psychiatric Diseases; descriptions of the molecular and genetic basis of the spongiform encephalopathies as well as the expression of the prion gene under physiologic and pathologic conditions; additional coverage examines the human genome project and neurologic disease; and coverage on alzheimer's disease and related dementias.

Editor John Ebersole, MD and his two new associate editors, with a team of nationally recognized authors, wrote this comprehensive volume, perfect for students, physicians-in-training, researchers, and practicing electroencephalographers who seek a substantial, yet practical compendium of the dynamic field of electroencephalography. In addition to cogent text, enjoy illustrations, diagrams, and charts that relate EEG findings to clinical conditions. Established areas of clinical EEG are updated, newly evolving areas are introduced, and neurophysiological bases are explained to encourage understanding and not simply pattern recognition. The best practitioners know that EEG is never stagnant;

stay up-to-date and ready to use EEG to its fullest potential. FEATURES -Over 500 illustrations, figures and charts -Chapters span the full range of EEG applications -Demystifies advanced procedures and techniques -Topics include intraoperative monitoring, ICU EEG, and advanced digital methods of EEG and EP analysis

One in ten children seen in primary care practice and 25% of hospitalized children appear with a neurologic complaint. The fourth edition of *Current Management in Child Neurology* provides succinct reviews in the form of superb "how-to" chapters on the most common neurological complaints and pathologic conditions seen in pediatric practice. This volume provides clinicians with a state-of-the-art "toolbox" for diagnosis and treatment of the most commonly presented neurologic disorders and dysfunctions in children, including headache, seizures and epilepsy, neurobehavioral disorders, school readiness, developmental delay, trauma, meningitis and encephalitis, injury to the preterm and term brains, and status epilepticus. Chapters new to the 4th edition include information on a range of other conditions such as microcephaly, neurodegenerative disorders, chromosomal disorders, epilepsy in adolescence, epileptic encephalopathy, pediatric neurotransmitter disorders, and tropical child neurology as well as current approaches to neonatal or infantile facial dysmorphism and congenital muscular dystrophies. The 4th edition of *Current Management in Child Neurology* has 111 chapters organized into three sections: Clinical Practice Trends, The Office Visit, and The Hospitalized Child. Each of the sections contains carefully selected readings and Web resources for practitioners and patients who seek relevant information on topics addressed in the book's chapters. Since the third edition, online

resources have increased exponentially, and *Current Management in Child Neurology* directs its readers to the most high-quality information available.

The *Neurology of Eye Movements* provides clinicians with a synthesis of current scientific information that can be applied to the diagnosis and treatment of disorders of ocular motility. Basic scientists will also benefit from descriptions of how data from anatomical, electrophysiological, pharmacological, and imaging studies can be directly applied to the study of disease. By critically reviewing such basic studies, the authors build a conceptual framework that can be applied to the interpretation of abnormal ocular motor behavior at the bedside. These syntheses are summarized in displays, new figures, schematics and tables. Early chapters discuss the visual need and neural basis for each functional class of eye movements. Two large chapters deal with the evaluation of double vision and systematically evaluate how many disorders of the central nervous system affect eye movements. This edition has been extensively rewritten, and contains many new figures and an up-to-date section on the treatment of abnormal eye movements such as nystagmus. A major innovation has been the development of an option to read the book from a compact disc, make use of hypertext links (which bridge basic science to clinical issues), and view the major disorders of eye movements in over 60 video clips. This volume will provide pertinent, up-to-date information to neurologists, neuroscientists, ophthalmologists, visual scientists, otalaryngologists, optometrists, biomedical engineers, and psychologists.

The new Sixth Edition of this award-winning classic prepares its users for deliver-

ing expert care in this most challenging nursing specialty. It addresses neuroanatomy, assessment, diagnostic evaluation, and management of the complete range of neurological disorders for which nurses provide patient care, including trauma, stroke, tumors, seizures, headache, aneurysms, infections, degenerative disorders, and peripheral neuropathies. This edition has been thoroughly revised to reflect standards of care based on evidence-based practice. It now includes case studies, community nursing sections throughout, and increased coverage of normal pressure hydrocephalus, inflammatory demyelinating polyneuropathy, and Creutzfeldt-Jacob disease.

Organized to approach patient problems the way you do, this best-selling text guides you through the evaluation of neurologic symptoms, helps you select the most appropriate tests and interpret the findings, and assists you in effectively managing the underlying causes. Its practical approach makes it an ideal reference for clinical practice. Includes practical, evidence-based approaches from an internationally renowned team of authors. Zeroes in on what you really need to know with helpful tables that highlight links between neurological anatomy, diagnostic studies, and therapeutic procedures. Offers a logical, clinically relevant format so you can find the answers you need quickly. Features a new, updated design for easier reference. Includes new full-color images and updated illustrations to facilitate comprehension of important concepts. Features updated chapters on the latest genetic- and immunologic-based therapies, advances in pharmacology, and new imaging techniques. Includes an expanded and updated CD-ROM that allows you to view video clips of patient examinations, download

all of the book's illustrations, and enhance exam preparation with review questions.

This classic work is written for frontline clinicians who need to ask "Where is it?" when diagnosing a neurological disorder, helping them reach a diagnosis with greater accuracy and avoiding unnecessary testing. Updated to reflect the latest literature, enhanced with color anatomical diagrams and additional tables, *Localization in Clinical Neurology* is a cornerstone in clinical neurology.

Organized by functional neurologic system, the 3rd edition of this authoritative reference provides the most up-to-date information on neuroanatomy, neurophysiology, neuropathology, and clinical neurology as it applies to small animals, horses, and food animals. Accurate diagnosis is emphasized throughout with practical guidelines for performing neurologic examinations, interpreting examination results, and formulating effective treatment plans. In-depth disease descriptions, color images, and video clips reinforce important concepts and assist with diagnosis and treatment. Expert authors bring more than 50 years of experience in veterinary neuroanatomy and clinical neurology to this book — Dr. Alexander DeLahunta and Dr. Eric Glass offer their unique insights from both academic and practitioner perspectives. Disease content is presented in a logical case study format with three distinct parts: Description of the disorder Neuroanatomic diagnosis (including how it was determined, the differential diagnosis, and any available ancillary data) Course of the disease (providing final clinical or necropsy diagnosis and a brief discussion of the syndrome) More than 600 full-color photographs and line drawings, plus approximately 150 high-quality ra-

diographs, visually reinforce key concepts and assist in reaching accurate diagnoses. The book comes with free access to 370 video clips on Cornell University's website that directly correlate to the case studies throughout the book and clearly demonstrate nearly every recognized neurologic disorder. High-quality MR images of the brain are presented alongside correlating stained transverse sections for in-depth study and comparison. Vivid photos of gross and microscopic lesions clearly illustrate the pathology of many of the disorders presented in the book.

Written by one of America's foremost authorities in preventive medicine, *Nutrition in Clinical Practice, Second Edition* is the practical, comprehensive, evidence-based reference that all clinicians need to offer patients effective, appropriate dietary counseling. This fully revised edition incorporates the latest studies and includes new chapters on diet and hematopoiesis, diet and dermatologic conditions, and health effects of coffee, chocolate, and ethanol. Each chapter concludes with concise guidelines for counseling and treatment, based on consensus and the weight of evidence. Appendices include clinically relevant formulas, nutrient data tables, patient-specific meal planners, and print and Web-based resources for clinicians and patients.

Accompanying computer disk contains videos demonstrating the types of communication disorders and articulations reviewed in the text, and photos and animations showing important equipment and anatomical structures.

Since its first edition in 1994, *Neurology in Practice* has fulfilled its objective to enhance the practice of neurology, and has been proven useful to students, physicians and allied health professionals. In

this Fourth Edition, the authors continue to emphasize that a sound clinical approach is the key to the diagnosis and management of neurological disorders. Thus, relevant neuroanatomical principles and simulated neurological manifestations are incorporated in the first chapter. All chapters have been updated with knowledge gained from major advances in neuroscience. Two new chapters have also been added: "Neurodiagnostic Tests" and "Neurological Manifestations of Systemic Disorders and Neurotoxicology".

Base your care of neurological patients on evidence-based best practices, with the completely updated, fully illustrated *The Clinical Practice of Neurological and Neurosurgical Nursing*, 8th Edition. This is the most current and comprehensive neuroscience nursing text, written to support you in the everyday high-level assessments, information processing and decision making required of the neurological nurse. A must-have for offering accurate, efficient care of adult/geriatric neuroscience patients, this is ideal for both beginning and advanced neuro nurses and nursing students. -NEW chapter on hydrocephalus -NEW chapter on neurological care in the community -NEW and revised content throughout the text that reflects current best practices -Case studies that offer real-life scenarios to reinforce concepts -Treatment Summaries, Clinical Vignettes and Clinical Pearls that provide vital clinical tips -Sections covering a broad range of neuroscience care considerations: -Ethical perspectives and end-of-life care - Preparing and caring for patients after acute care, brain death and organ donation -Assessment and evaluation of neuroscience patients - Overview of neuroanatomy and neurophysiology, diagnostics for patients with

neurological disorders, comprehensive neurological examination, neurological assessment -Common management challenges - Intracranial hypertension, hydrocephalus, management of patients with altered level of consciousness, evaluation/treatment of delirium, common neuroendocrine syndromes, neurosurgical procedures, rehabilitation -Nursing management of patients with injury to the neurological system; cranial nerve disorders and peripheral nerve injuries; neoplasms of the neurological system; cerebrovascular disease; pain, seizures, and CNS infections; movement disorders; neurodegenerative and neuromuscular diseases -Ideal for nurses working in intensive care units, emergency departments, neuroscience specialty units and medical-surgical units at admit neuroscience patients -Nursing management guidance that is infused with pathophysiology content, providing a rationale for care and for identifying patient outcomes -Guide for establishing and updating a neuroscience patient database -Excellent study aid for preparing for the certified neuroscience registered nurse (CNRN) exam and stroke certification (SCRN) -Thorough overview of neurology team communications - Best practices for coordination, continuity, and patient safety Your book purchase includes a complimentary download of the enhanced eBook for ios Android tm PC and Mac.- Take advantage of these practical features that will improve your eBook experience: -The ability to download the eBook on multiple devices at one time-providing a seamless reading experience online or offline -Easily convert to audiobook, powering your content with natural language text-to-speech -Powerful search tools and smart navigation cross-links that allow you to search within this book, or across your entire library of Vi-

talSource eBooks About the Clinical Editors Joanne V. Hickey, PhD, RN, ACNP, FAAN, FCCM, is Patricia L. Starck/PARTNERS Professor of Nursing, Department of Research at the Cizik School of Nursing, University of Texas Health Science Center at Houston at the University of Texas Health School of Nursing in Houston, Texas.

* Successful portable and concise basic textbook of clinical neurology * Successful portable and concise basic textbook of clinical neurology * New section detailing the neurologic exam * More case studies

The Pocket Companion to NICEP is a rewritten, condensed version of all the material in the main two volumes of Neurology in Clinical Practice 4th edition reworked to make it a portable, quick-access handbook to most key clinical information. Portable, quick-access handbook Based on the most authoritative clinical neurology text Written in an even style with no redundancies or contradicting statements

Clinical Neurophysiology, Third Edition will continue the tradition of the previous two volumes by providing a didactic, yet accessible, presentation of electrophysiology in three sections that is of use to both the clinician and the researcher. The first section describes the analysis of electrophysiological waveforms. Section two describes the various methods and techniques of electrophysiological testing. The third section, although short in appearance, has recommendations of symptom complexes and disease entities using electroencephalography, evoked potentials, and nerve conduction studies.

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 ••••• he year 2001 marks the beginning of a new millenium, and (chromosome 1) result in dominantly inherited AD. A major risk T the second edition of the Atlas of Clinical Neurology high factor for AD is the presence of the E4 allele of apolipoprotein E lights and underscores the enormous strides being made in (chromosome 19). Additional detailed images related to the the biologic understanding of neurologic disease. Neurology is a dementias are included in the second edition of the Atlas. These highly visual specialty. The neurologic examination, magnetic reso clinical-molecular correlations are all very recent and attest to the nance imaging, electroencephalography, positron-emission tomo scientific vigor of current neuroscientific research. It is my view that graphic (PET) and functional magnetic resonance (fMRI) scan these new data will lead in the near future to effective new therapy ning, and light-and electron-microscopy are examples of visual for AD that will slow its rate of progress and reduce significantly images that define neurologic disease and normal brain functions. the incidence of this major, debilitating disease. Positron-emission This Atlas of Clinical Neurology has been designed to provide a pic tomographic and fMRI brain scanning have effectively defined torial comprehensive visual exposition and integration of all aspects regional brain areas for behaviors. Clifford B. Saper, Chair of Neurology at Harvard Medical School, and Nicholas D. Schiff of Weill Medical College in NY join the original authors to thoroughly update this seminal text with over 90% new material. the goal of the new edition is to provide a clinically slanted volume that will help the reader understand and diagnose severe brain dysfunction both as it

exists and as it evolves in the seriously ill. The book remains a treatise on pathophysiology because recent imaging, electrophysiologic, and biochemical technologies (discussed in the book) are by themselves insufficient substitute

A handy, practical, and management-oriented neurology sourcebook – delivering everything you need in one easy-to-carry volume **CURRENT Diagnosis & Treatment Neurology, 2e** provides busy clinicians with practical, up-to-date strategies for assessing and managing the most frequently seen neurologic conditions in adults and children. Features Consistent presentation includes Essentials of Diagnosis, Symptoms and Signs, Diagnostic Studies, Differential Diagnosis, Treatment, and Prognosis Coverage of disorders in both adults and children Practical information on common conditions such as headaches, movement disorders, and central nervous system infections Expert help with ischemic and hemorrhagic stroke, epilepsy, sleeping disorders, dizziness, hearing loss, dementia and memory loss, psychiatric problems, and more Thorough coverage of diagnostic tests More than 100 informative photos and illustrations Updated with the latest findings and developments This second edition will be valuable to anyone who sees patients with neurologic complaints, whether in primary care or the neurology clinic.

Completely updated and in brilliant full color, **Merritt's Neurology, 13th Edition**, remains your reference of choice for outstanding guidance on neurologic protocols, treatment guidelines, clinical pathways, therapeutic recommendations, and imaging. Greatly reorganized for ease of use, the 13th Edition features more than 30 new chapters that keep you up to date with every aspect of your field. Now for the first time, you'll

find dozens of video clips online that demonstrate the clinical signs and symptoms of neurologic disorders. Features: Visualize neurologic topics more easily than ever with an all-new, full-color format throughout. Benefit from the fresh perspective of new editors Dr. Elan Louis and Dr. Stephan Mayer, in addition to 180 expert contributors who offer guidance in their areas of expertise. Stay current with today's hottest topics, thanks to new chapters on the global burden of neurological disease; magnetic resonance imaging and other imaging modalities; sleep studies; mild cognitive impairment; concussion; restless legs syndrome; seizures in children; HIV, fetal alcohol syndrome, and drug effects; and many more. Find the information you need more quickly thanks to a reorganized format. In 153 succinct chapters, you'll find the essentials you need on signs and symptoms, diagnostic tests, and neurologic disorders of all etiologies. Watch approximately 40 video clips online to gain a clear understanding of the clinical signs and symptoms of neurologic disorders. Get the up-to-date information you need from the practical, readable resource that's trusted and used by neurologists, primary care physicians, and residents.

Offered in print, online, and downloadable formats, this updated edition of **Stroke: Pathophysiology, Diagnosis, and Management** delivers convenient access to the latest research findings and management approaches for cerebrovascular disease. Picking up from where J. P. Mohr and colleagues left off, a new team of editors - Drs. Grotta, Albers, Broderick, Kanner, Lo, Mendelow, Sacco, and Wong - head the sixth edition of this classic text, which is authored by the world's foremost stroke experts. Comprehensive, ex-

pert clinical guidance enables you to recognize the clinical manifestations of stroke, use the latest laboratory and imaging studies to arrive at a diagnosis, and generate an effective medical and surgical treatment plan. Abundant full-color CT images and pathology slides help you make efficient and accurate diagnoses. Data from late-breaking endovascular trials equips you with recent findings. Includes comprehensive coverage of advances in molecular biology of cell death; risk factors and prevention; advances in diagnostics and stroke imaging; and therapeutic options, including a thorough review of thrombolytic agents and emerging data for endovascular therapy. Features brand-new chapters on Intracellular Signaling: Mediators and Protective Responses; The Neurovascular Unit and Responses to Ischemia; Mechanisms of Cerebral Hemorrhage; Stroke Related to Surgery and Other Procedures; Cryptogenic Stroke; and Interventions to Improve Recovery after Stroke. Highlights new information on genetic risk factors; primary prevention of stroke; infectious diseases and stroke; recovery interventions such as robotics, brain stimulation, and telerehabilitation; and trial design. Details advances in diagnostic tests, such as ultrasound, computed tomography (including CT angiography and CT perfusion), MRI (including MR perfusion techniques), and angiography. Includes extracted and highlighted evidence levels. Expert Consult eBook version included with print purchase. This enhanced eBook experience allows you to search all of the text, figures, and references on a variety of devices. The content can also be downloaded to tablets and smart phones for offline use. Combat stroke with the most comprehensive and updated multimedia resource on the pathophysiology, diagnosis, and manage-

ment of stroke from leaders in the field. A brand new edition of Essential Neurology brings the text fully up-to-date. This book is a core text for medical students and junior doctors, who want a comprehensive yet concise practical guide to clinical neurology. To make the book more readable and digestible, we have introduced colour into the text. This text provides clear explanations of the most common neurological and neurosurgical disorders. The most up-to-date clinical methods are covered to ensure students are learning the newest techniques. To enhance the readers' understanding of this subject more illustrations, line drawings and scans are incorporated into the text. Another new addition is the inclusion of clinical cases with self-assessment questions at the end of every chapter. These help to clearly illustrate the clinical presentations of key neurological disorders. Essential Neurology is ideal for medical students on neurology attachments and an excellent review text for the MRCP examination. Reviews of previous edition "This is an excellent introductory text for medical students who want their neurology without frills." —British Medical Journal "A well-presented manual of practical clinical neurology recommended as easy and enjoyable fundamental reading." —Brain "This is an excellent book with a very good all round approach to an understanding of neurology at student level" —Journal of Neurology, Neurosurgery and Psychiatry This market-leading guide covers all aspects of cerebrovascular disease, stroke syndromes, causes, prevention, evaluation and management. This handy resource presents hundreds of board-style questions, with answers and explanations, drawn from the parent text, NEUROLOGY IN CLINICAL PRACTICE, 4th Edition. It addresses a wide variety

of topics in patient management plus neuroanatomy, neuropathology, clinical neuropharmacology, and neuroimaging. It's an ideal way to prepare for the boards with confidence! Features questions derived from the revised and updated new edition of NEUROLOGY IN CLINICAL PRACTICE. Provides an optimal blend of traditional clinical practices and innovative new perspectives. Offers quick and easy access to clinical essentials.

A new take on the classic, definitive text on the full spectrum of neurology. Reflecting a modern approach to neurology, Adams and Victor's Principles of Neurology, 8/e new format highlights a more complete and accessible approaches to treatment and clinical management strategies. This thoroughly revised edition features more coverage of treatment and neuroimaging, renown signs and symptoms sections integrated throughout, and over 800 illustrations. 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 ac-

count 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.

Completely revised by new authors, this Fourth Edition presents 76 patient cases designed specifically to prepare students for clinical vignettes on the USMLE Step 2. Each case proceeds from chief complaint through diagnostic workup and treatment and includes buzzwords in history taking, physical examination, laboratory tests, imaging, and pathology. This edition's cases give greater emphasis to pathogenesis, epidemiology, differential diagnosis, management, and complications and include radiologic images, photographs, tables, and algorithms. A new two-page format encourages students to read the case presentation and formulate an initial diagnosis before turning the page for the answer. The book ends with twenty all-new board-format questions and answers.