Evidence-Based Neurology: Management Of Neurological Disorders

Evidence-Based Neurology: An introduction to evidence-based neurology. Management of neurological disorders provides a comprehensive guide to the evidence-based approach to the diagnosis and management of neurological conditions. The book is divided into three sections: Evidence-Based Clinical Practice, Evidence-Based Prevalence and Treatment, and Evidence-Based Cerebrovascular Ultrasound in Stroke Prevention. Each section contains chapters that provide an overview of the current evidence and recommendations for best practice. The book is an essential resource for neurologists and allied health professionals, as well as for patients and their families.

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Evidence-based Dementia Practice—Nawab Qizilbash 2008-04-15 The era of therapeutic nihilism in dementia has ended, with the emergence of agents for symptomatic treatment, those that delay the course of the disease or prevent the onset of dementia, and new methods to manage depression. With the expansion of therapies, there is a clear danger of being overwhelmed by the volume of data. This book is designed to collect this information, distill what is relevant and reliable, and present it in a format that is useful to clinicians who manage and treat people with dementia. The book is designed to bring together the latest, best and practical evidence on all aspects of management, from diagnosis and therapy to social and ethical considerations. The editors are all dynamic clinicians involved in the care of patients with dementia and the evaluation of therapies. Two of the editors are the leaders of the Cochrane Collaboration for the examination of therapies for dementia. There are no other books that take a practical and problem-oriented approach or approach the diagnosis and management of dementia. Furthermore none but this can be described as truly evidence-based.

Evidence-Based Management of Epilepsy—Steven C Schachter 2011-09-01 The clinical management of patients with epilepsy and the associated medical literature are rapidly evolving. Evidence-based Management of Epilepsy differs from other epilepsy textbooks by focusing specifically on topics where the available evidence is sufficiently well developed to be synthesized into straightforward summaries of proven therapies. When evidence is missing or there is doubt, controversy or ambiguity, the distinguished authors offer treatment recommendations based on practice guidelines or consensus statements that span the gaps in evidence while pointing to those areas where further research is needed. The initial chapters cover critically important aspects of antiepileptic drugs (AEDs) and surgical treatment such as when to start and stop AEDs, how to monitor their effectiveness, special considerations in women who become pregnant, and when to consider surgery to alleviate seizures. The following chapters cover the therapy of seizures when they develop after traumatic brain injury or stroke, and the treatment of concomitant Depression and anxiety in patients with epilepsy. The final chapters discuss emerging topics in epilepsy: the treatment of the postictal state, technologies to predict and detect seizures, strategies for closing the treatment gap and sudden unexpected death in epilepsy. The contributors are renowned experts in their fields who successfully and succinctly present state-of-the-art reviews based on the medical evidence designed to help the clinician be as best informed as possible in the care of patients with epilepsy.

Bradley’s Neurology in Clinical Practice E-Book—Joseph Jankovic 2021-03-23 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/signal and by specific disease entities—allowing you to access content in ways that mirror how you practice. More than 150 expert contributors, led by Dr. Joseph Jankovic, John C. Mazzotta, 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 organization 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.

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Physical Management for Neurological Conditions E-Book—Shelia Lennon 2018-07-28 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.

The Right Therapy for Neurological Disorders—E. Boghi 2016-07-26 Most neurological disorders are chronic and aging related. With the increase of life expectancy their incidence and prevalence will grow in the decades to come, which in turn will increase the load on medical and social systems worldwide. There is thus a desperate need for successful preventive and therapeutic measures based on randomized clinical trials (RCTs) conducted by independent organizations. This book provides a comprehensive compendium relating most of the principles of reliable RCTs to specific neurological diseases. Contributed by specialized neurologists, the articles touch on important aspects of RCTs with a critical approach, highlighting their limitations as well as giving recommendations for their planning and conducting to address the variable genotypic and phenotypic aspects of neurological conditions. Consideration is then given to combining the clinical impact of the study results with patients’ values and the interests of pharmaceutical companies. Neurologists involved in clinical trials will certainly benefit from this book, which should become a basic text for all neurological courses dealing with evidence-based neurology.

Syncope—Michèle Brignole 2011-02-11 Syncope represents a multidisciplinary issue in medicine, often involving cardiologists, neurologists, emergency medicine specialists, general practitioners, geriatricians and other clinicians. However, terminology, methodology and guidelines differ making the issue more complex. The Editors of this book present a thorough multidisciplinary review of the topic. Guideline-based, they have assembled a team of key opinion leaders in the management and study of syncope. The first section of the book discusses the scientific basis behind the diagnosis and management of syncope going into detail regarding the pathways leading to syncope symptoms and the pathology behind them. The second section of the book then takes a more practical approach defining the practice of syncope management and including a number of case histories explaining the pearls and piths of the current guidelines.

Absolute Case-Based Neurology Review—Doris Kung 2019-03-29 This concise review book provides a set of evidence-based and up-to-date study questions that demonstrate knowledge of common neurological diseases. Presented in a case-based format, each chapter includes several questions that are intended for medical students, residents rotating through neurology, and neurologists looking for study sources. Filling a need for a supplemental resource to use when studying for board exams, particularly the NBME and RITE, Absolute Case-Based Neurology serves as an invaluable guide to neurology rotations, tests and daily practice.

Neurologic and Neurodegenerative Diseases of the Larynx—Philip A. Weissbrod 2020-03-03 This comprehensive text summarizes what is known about the myriad of different neurological conditions that cause dysfunction of communication, swallowing, and breathing as it relates to the upper aerodigestive tract. It serves to provide clinicians and scientists, at all levels of experience, with a practical and thorough review of these diseases, their management, and frontiers with these patients, and chapters. Chapters are written by experts in these conditions from a broad spectrum of medical specialties in order to create a book that is inclusive of diagnostic and therapeutic considerations that clinicians should think about when caring for patients with these conditions. Neurologic and Neurodegenerative Diseases of the Larynx will be an instrumental resource in guiding clinicians to better recognize the subtle and not so subtle voice, swallowing, and airway manifestations of these diseases, and improve management of patient symptoms and concerns in order to maximize both quality of life and longevity. It will aide otolaryngologists, laryngologists, neurologists, speech language pathologists, and other allied health care professionals in developing a more efficient, evidence-based, patient-focused, and multi-specialty approach to managing these complex and challenging patients.

Current Therapy in Neurologic Disease—Richard Tidball Johnson 2006-01-01 Neurologists present their own experiences and step-by-step guidelines on the management and treatment of specific disorders affecting the nervous system. Diagnosis, epidemiology, and pathophysiology are discussed only when they affect treatment strategies and decisions. Treatment algorithms and patient resource information complement each chapter.

Decision Making in Neurocritical Care—Jennifer A Frontera 2011-01-01 Praise for this book:Chapters are clearly written and... 0360548184 [The] black-and-white illustrations and reproductions of cerebral radiographs are of remarkably good quality...an excellent multidisciplinary overview...Doody's ReviewFrom important aspects of the physical examination to imaging studies to treatment options and dosage guidelines, Decision Making in Neurocritical Care provides a solid introduction to the evidence-based management of patients in the neurological intensive care unit. Succinct
text in a highly accessible bullet-point format details the essentials of history-taking, physical examination, differential diagnosis, diagnostic evaluation, and treatments for a range of neurological problems in the critical care setting. Special features: Brief vignettes of typical cases emphasize key questions for the physician to consider and urgent orders to be given. Coverage of the basics of neurocritical care, including techniques of ventilation, management, sedation, and multimodality monitoring. Pearls and pitfalls highlight key points in patient management. Convenient medication tables, including dosages, adverse effects, and contraindications. Consistent presentation in each chapter enhances ease of use.

Weiner and Levitt’s *Neurology* - Alexander Rae-Grant 2008

Now thoroughly updated, this highly praised volume of the House Officer Series is a succinct, symptom-oriented pocket guide to diagnosis, treatment, and management of common neurological disorders.

**Clinical Practice of Neurological & Neurosurgical Nursing** - Joanne Hickey 2013-10-17

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.

**Neurology** - Andrew Tarulli 2020-10-28

This concise, thoroughly updated text provides a comprehensive, state-of-the-art review of neurology and will serve as a highly practical resource for neurology residents and medical students. Emphasizing a practical approach to common neurologic disorders, the author blends chapters that cover the evaluation of specific complaints (confusion, dizziness and vertigo, visual loss, headache and facial pain) with others that focus on particular disorders (Parkinsonism, multiple sclerosis, dementia). Noting the core practice of neurology is largely unchanged from years ago and still largely done at the bedside, the author emphasizes the importance of acquiring expertise in the time-tested, classical techniques of history taking, directed examination, and localization. Toward that, the author encourages a focus on the key clinical pathways for diagnosis and management. A wide range of clinical pearls are provided and the diagrams and illustrations are well-designed and comprehensible, as are the clinical images (EEGs, CT, MRI) which provide excellent examples of a variety of neurologic disorders. The discussions and algorithms offered are evidence-based and state-of-the-art. Importantly, the author discusses a range of breakthroughs in the treatment of almost every disorder, with new medications available to treat amyotrophic lateral sclerosis, epilepsy, multiple sclerosis, and Parkinson’s disease, among others. Concise and well-written, *Neurology: A Clinician’s Approach, 3rd Edition* is an invaluable resource that will again serve as a very useful, gold-standard resource for trainees.

**Clinical Pathways in Stroke Rehabilitation** - Amy McGregor, M.D. 2016-05-30

Neurology Board Review: Questions and Answers is an easy-to-read guide that was created to prepare the reader for the American Board of Psychiatry and Neurology (ABPN) certification and recertification exams. It was specifically designed to cover the topics listed in the ABPN content outline, which should be used in tandem with this book, and includes questions about recent practice parameters published by the American Academy of Neurology. Formatted in a user-friendly way, utilizing case-based and multiple choice questions, this book promotes absorption of key facts and neurological concepts quickly and on-the-go. This authoritative resource provides an in-depth look at basic neuroscience, critical care and trauma, cerebrovascular diseases, movement disorders, neuromuscular diseases, psychiatry, behavioral neurology, clinical neurophysiology, headaches and pain, metabolic disorders, pediatric neurology and sleep disorders. With over 1,000 questions, Neurology Board Review illustrates key concepts using short and pithy explanations; including informative illustrations, descriptive tables, and a list of further readings at the end of each section. This is the perfect study aid for residents and neurologists alike.

**The Clinical Practice of Neurological and Neurosurgical Nursing** - Joanne V. Hickey 2009

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

**Clinical Pathways in Stroke Rehabilitation** - Thomas Platz 2021-01-28

This open access book focuses on practical clinical problems that are frequently encountered in stroke rehabilitation. Consequences of diseases, e.g. impairments and activity limitations, are addressed in rehabilitation with the overall goal to reduce disability and promote participation. Based on the available best external evidence, clinical pathways are described for stroke rehabilitation bridging the gap between clinical evidence and clinical decision-making. The clinical pathways answer the questions which rehabilitation treatment options are beneficial to overcome specific impairment constellations and activity limitations and are well acceptable to stroke survivors, as well as when and in which settings to provide rehabilitation over the course of recovery post stroke. Each chapter starts with a description of the clinical problem encountered. This is followed by a systematic, but concise review of the evidence (RCTs, systematic reviews and meta analyses) that is relevant for clinical decision-making, and comments on assessment, therapy (training, technology, medication), and the use of technical aids as appropriate. Based on these summaries, clinical algorithms / pathways are provided and the main clinical-decision situations are portrayed. This book is invaluable for all neurorehabilitation team members, clinicians, nurses, and therapists in neurology, physical medicine and rehabilitation, and related fields. It is a World Federation for NeuroRehabilitation (WFNR) educational initiative, bridging the gap between the rapidly expanding clinical research in stroke rehabilitation and clinical practice across societies and continents. It can be used for both clinical decision-making for individuals and as well as clinical background knowledge for stroke rehabilitation service development initiatives.

**Manual of Neurological Emergencies** - Jagoda & Lewandowsky 2021-10-25

*Neurology in Critical Practice* - Robert B. Daroff 2012-03-29

The Clinical Practice of Neurology brings you the most current clinical neurology through a comprehensive text, detailed color images, and video demonstrations. Drs. Daroff, Fenichel, Jankovic and Mazzitta, along with more than 150 expert contributors, present coverage of interventional neuroradiology, neurointensive care, prion diseases and their diagnoses, neurogenetics, and many other new developments. Online at www.expertconsult.com, you’ll have access to a downloadable image library, videos, and the fully searchable text for the dynamic, multimedia content you need to apply the latest approaches in diagnosis and management. Find answers easily through an intuitive organization by both symptom and grouping of diseases that mirrors the way you practice. Diagnose and manage the full range of neurological disorders with authoritative and up-to-date guidance. Refer to key information at a glance through a full-color design and layout that makes the book easier to consult. Access the fully searchable text online at www.expertconsult.com, along with downloadable images, video demonstrations, and reference updates. *Neurology in Critical Practice* remains the essential guide to critical care in neurological disorders, the cornerstone of your neurology practice. Fully updated with 150 new contributors, this new edition reflects the constantly evolving field of critical care medicine in the neurological disorders - an area that continues to grow in importance and complexity.

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