

Which terms should be used to describe medications used in the treatment of seizure disorders? An ILAE position paper

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Abstract

A variety of terms, such as “antiepileptic,” “anticonvulsant,” and “antiseizure” have been historically applied to medications for the treatment of seizure disorders. Terminology is important because using terms that do not accurately reflect the action of specific treatments may result in a misunderstanding of their effects and inappropriate use. The present International League Against Epilepsy (ILAE) position paper used a Delphi approach to develop recommendations on English-language terminology applicable to pharmacological agents currently approved for treating seizure disorders. There was consensus that these medications should be collectively named “antiseizure medications”. This term accurately reflects their primarily symptomatic effect against seizures and reduces the possibility of health care practitioners, patients, or caregivers having undue expectations or an incorrect understanding of the real action of these medications. The term “antiseizure” to describe these agents does not exclude the possibility of beneficial effects on the course of the disease and comorbidities that result from the downstream effects of seizures, whenever these beneficial effects can be explained solely by the suppression of seizure activity. It is acknowledged

Emilio Perucca and Jacqueline A. French—co-first authors.

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Seizure Disorders A Pharmacological Approach To Treatment

**Peter Fonagy, David Cottrell, Jeannette
Phillips, Dickon Bevington, Danya
Glaser, Elizabeth Allison**

Seizure Disorders A Pharmacological Approach To Treatment:

Seizure Disorders Buna Joe Wilder, Joseph Bruni, 1981 **Wyllie's Treatment of Epilepsy** Elaine Wyllie, Gregory D. Cascino, Barry E. Gidal, Howard P. Goodkin, 2012-02-17 In one convenient source this book provides a broad detailed and cohesive overview of seizure disorders and contemporary treatment options For this Fifth Edition the editors have replaced or significantly revised approximately 30 to 50 percent of the chapters and have updated all of them Dr Wyllie has invited three new editors Gregory Cascino MD FAAN at Mayo Clinic adult epileptologist with special expertise in neuroimaging Barry Gidal PharmD at University of Wisconsin a pharmacologist with phenomenal expertise in antiepileptic medications and Howard Goodkin MD PhD a pediatric neurologist at the University of Virginia A fully searchable companion website will include the full text online and supplementary material such as seizure videos additional EEG tracings and more color illustrations **The Treatment of Epilepsy** Elaine Wyllie, Ajay Gupta, Deepak K. Lachhwani, 2006 Serving as a reference on the epilepsies this fourth edition provides an overview of seizure disorders and contemporary treatment options It brings together the vital work in the neurosciences genetics electroencephalography pediatric and adult neurology neuropharmacology neurosurgery and psychiatry It also talks about epilepsy surgery *Epilepsy and Movement Disorders* Renzo Guerrini, 2002 The boundaries between epilepsy and movement disorders are difficult to define some syndromes or diseases may combine the two and many manifestations of one are similar to the other For the first time a distinguished international team of specialists comprehensively examines the clinical neurophysiological genetic pharmacological and molecular factors which underlie the relationships and differences between the two disorders They examine the methods for investigating motor cortex excitability and the electrophysiological and chemical characteristics of epilepsies which resemble movement disorders They present a scheme for neurophysiological classification of myoclonic epilepsies and myoclonus and give a detailed analysis of the disorders which cause diagnostic problems in children and adults There is also an innovative up to date review of the genetic syndromes which associate epilepsy and paroxysmal dyskinesias and a review of the drugs used to treat or which may precipitate epilepsy and movement disorders This is essential reading for clinicians and neuroscientists **Encyclopedia of Substance Abuse Prevention, Treatment, and Recovery** Gary L. Fisher, Nancy A. Roget, 2009 This collection provides authoritative coverage of neurobiology of addiction models of addiction sociocultural perspectives on drug use family and community factors prevention theories and techniques professional issues the criminal justice system and substance abuse assessment and diagnosis and more **Current Catalog** National Library of Medicine (U.S.), First multi year cumulation covers six years 1965 70 *Epilepsy: A Comprehensive Guide to Pathophysiology, Diagnosis, and Treatment* Dr. Spineanu Eugenia, 2025-03-12 Dive into the intricate world of epilepsy with our comprehensive guide From unraveling its pathophysiological underpinnings to exploring cutting edge diagnostic techniques our treatise leaves no stone unturned Delve into the complexities of seizure classification epidemiology and risk factors gaining

invaluable insights into this neurological condition Navigate through chapters dedicated to neuroimaging genetic studies and emerging surgical techniques offering a holistic understanding of epilepsy management Uncover the role of antiepileptic drugs surgical interventions and lifestyle modifications in seizure control and quality of life enhancement With a multidisciplinary approach we delve into the realms of stress management sleep hygiene and cognitive well being empowering individuals with epilepsy to lead fulfilling lives Whether you re a healthcare professional researcher or individual living with epilepsy our treatise serves as an indispensable resource shedding light on the latest advancements and guiding you towards optimal epilepsy management Seizures and Epilepsy Jerome Engel,2013-01-31 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

The Oxford Handbook of Adult Cognitive Disorders Michael L. Alosco,Robert A. Stern,2019-05-07 The prevalence of adult cognitive disorders will dramatically rise over the next 25 years due to the aging population Clinical research on adult cognitive disorders has rapidly evolved including evidence of new adult cognitive disorders and greater insight into the clinical presentation mechanism diagnosis and treatment of established diseases The Oxford Handbook of Adult Cognitive Disorders is an up to date scholarly and comprehensive volume covering most diseases conditions and injuries resulting in impairments in cognitive function in adults Topics covered include normal cognitive and brain aging the impact of medical disorders and psychiatric illnesses on cognitive function adult neurodevelopmental disorders and various neurological conditions This Handbook also provides a section on unique perspectives and special considerations for clinicians and clinical researchers covering topics such as cognitive reserve genetics diversity and neuroethics Readers will be able to draw upon this volume to facilitate clinical practice including differential diagnosis treatment recommendations assessment practices and to obtain an in depth review of current research across a wide spectrum of disorders provided by leaders in their fields The Oxford Handbook of Adult Cognitive Disorders is a one of a kind resource appropriate for both clinicians and clinical researchers from advanced trainees to seasoned professionals **Indexes to the Epilepsy Accessions of the Epilepsy**

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lifestyle considerations Our treatise also highlights the psychosocial impact on patients and families providing essential guidance on supportive care Perfect for medical professionals researchers and anyone seeking an extensive resource on macrocephaly Discover the key factors innovative treatments and comprehensive care approaches that can make a difference

Pharmacology and Therapeutics for Dentistry - E-Book John A. Yagiela, Frank J. Dowd, Bart Johnson, Angelo Mariotti, Enid A. Neidle, 2010-03-12 Use your knowledge of pharmacology to enhance oral care *Pharmacology and Therapeutics for Dentistry* 6th Edition describes how to evaluate a patient's health and optimize dental treatment by factoring in the drugs they take It explores the basic fundamentals of pharmacology special topics such as pain control fear and anxiety and oral complications of cancer therapy and most importantly the actions of specific drug groups on the human body Whether you're concerned about the drugs a patient is already taking or the drugs you prescribe for treatment this book helps you reduce risk and provide effective dental care An emphasis on the dental applications of pharmacology relates drugs to dental considerations in clinical practice Dental aspects of many drug classes are expanded to include antibiotics analgesics and anesthetics The Alternative Medicine in Dentistry chapter discusses chemicals used as alternative medicines and assesses their potential benefits and risks The Nonopioid Analgesics chapter groups together non opioid analgesics nonsteroidal anti inflammatory drugs and antirheumatic and antigout drugs making these easier to locate and study Coverage of the endocrine system includes four separate chapters for the most comprehensive coverage Drug Interactions in Clinical Dentistry appendix lists potential interactions between drugs a patient is taking for nondental conditions and drugs that may be used or prescribed during dental treatment including effects and recommendations Glossary of Abbreviations appendix includes the most common abbreviations used for drugs or conditions New Pharmacogenetics and Pharmacogenomics chapter covers the effects of genetic traits of patients on their responses to drugs A NEW introductory section offers tips for the study of dental pharmacology and relates pharmacology to dental considerations An updated discussion of drug drug interactions covers the harmful effects of mixing medications Coverage of adverse effects and mechanisms of COX 2 inhibitors antibiotic prophylaxis and antiplaque agents explains the dental risks relating to common drug treatments **Treatments of**

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Table of Contents Seizure Disorders A Pharmacological Approach To Treatment

1. Understanding the eBook Seizure Disorders A Pharmacological Approach To Treatment
 - The Rise of Digital Reading Seizure Disorders A Pharmacological Approach To Treatment
 - Advantages of eBooks Over Traditional Books
2. Identifying Seizure Disorders A Pharmacological Approach To Treatment
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Seizure Disorders A Pharmacological Approach To Treatment
 - User-Friendly Interface
4. Exploring eBook Recommendations from Seizure Disorders A Pharmacological Approach To Treatment
 - Personalized Recommendations
 - Seizure Disorders A Pharmacological Approach To Treatment User Reviews and Ratings
 - Seizure Disorders A Pharmacological Approach To Treatment and Bestseller Lists
5. Accessing Seizure Disorders A Pharmacological Approach To Treatment Free and Paid eBooks
 - Seizure Disorders A Pharmacological Approach To Treatment Public Domain eBooks
 - Seizure Disorders A Pharmacological Approach To Treatment eBook Subscription Services
 - Seizure Disorders A Pharmacological Approach To Treatment Budget-Friendly Options

6. Navigating Seizure Disorders A Pharmacological Approach To Treatment eBook Formats
 - ePub, PDF, MOBI, and More
 - Seizure Disorders A Pharmacological Approach To Treatment Compatibility with Devices
 - Seizure Disorders A Pharmacological Approach To Treatment Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Seizure Disorders A Pharmacological Approach To Treatment
 - Highlighting and Note-Taking Seizure Disorders A Pharmacological Approach To Treatment
 - Interactive Elements Seizure Disorders A Pharmacological Approach To Treatment
8. Staying Engaged with Seizure Disorders A Pharmacological Approach To Treatment
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Seizure Disorders A Pharmacological Approach To Treatment
9. Balancing eBooks and Physical Books Seizure Disorders A Pharmacological Approach To Treatment
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Seizure Disorders A Pharmacological Approach To Treatment
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Seizure Disorders A Pharmacological Approach To Treatment
 - Setting Reading Goals Seizure Disorders A Pharmacological Approach To Treatment
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Seizure Disorders A Pharmacological Approach To Treatment
 - Fact-Checking eBook Content of Seizure Disorders A Pharmacological Approach To Treatment
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements

- Interactive and Gamified eBooks

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