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| Autore                  | Wheless James                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Titolo                  | Advanced therapy in epilepsy / / James Wheless, L. James Willmore, Roger A. Brumback                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Descrizione fisica      | 1 online resource (489 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Altri autori (Persone)  | WillmoreJames<br>BrumbackRoger A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Soggetti                | Epilepsy<br>Epilepsy - Treatment<br>Epilepsy - Diagnosis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| Note generali           | Description based upon print version of record.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Nota di contenuto       | <p>""Title and Front matter""; ""Preface""; ""Contents""; ""1. Introduction""; ""2. Epilepsy: Brief Historical Perspective""; ""3. Definitions and Classification of Epilepsy and Seizures""; ""4. Neurophysiologic Basis of Epileptiform Activity""; ""5. Epidemiology""; ""6. Magnetoencephalography in the Diagnosis and Treatment of Epilepsy""; ""7. Clinical Neurophysiology: Other Techniques""; ""8. Neuroimaging in Epilepsy""; ""9. Experimental Models of Seizures and Epilepsy""; ""10. The EEG of Epilepsy""; ""11. Genetic and Chromosomal Disorders in Epilepsy""</p> <p>""12. Neuropathology of Pediatric Cerebral Resections for Epilepsy""</p> <p>13. Neurometabolic Disorders and Epilepsy""; ""14. Neurocutaneous Disorders and Epilepsy""; ""15. Neonatal Seizures""; ""16. Epilepsy in Developmental Disorders""; ""17. Epilepsy in Neurodegenerative Diseases""; ""18. Acquired Lesions and Epilepsy""; ""19. Febrile Seizures""; ""20. Convulsive Status Epilepticus""; ""21. Clinical Features, Diagnosis, and Treatment of Nonconvulsive Status Epilepticus""; ""22. Temporal Lobe Epilepsy Syndromes""; ""23. Partial-Onset Seizures and Localization-Related Epilepsy Syndromes""</p> <p>""24. Generalized Seizures and Generalized Epilepsy Syndromes""""25.</p> |

Landau-Kleffner Syndrome and Language Dysfunction in Epilepsy""; ""26. Rasmussen Encephalitis""; ""27. Nonepileptic Paroxysmal Disorders""; ""28. Psychogenic Nonepileptic Seizures""; ""29. Neurotransmitters and Drug Development in Epilepsy""; ""30. Antiepileptic Drugs: An Overview""; ""31. Principles of Pharmacokinetics and Pharmacogenetics of Anticonvulsants""; ""32. Pregnancy, Epilepsy, and Drug Treatment""; ""33. Epileptic Drug Treatment in Special Populations"" ""34. Systemic Metabolic Consequences of Antiepileptic Medication"" ""35. Barbiturates""; ""36. Benzodiazepines""; ""37. Carbamazepine and Oxcarbazepine""; ""38. Ethosuximide""; ""39. Gabapentin and Pregabalin""; ""40. Lamotrigine""; ""41. Levetiracetam""; ""42. Phenytoin and Fosphenytoin""; ""43. Topiramate""; ""44. Valproic Acid""; ""45. Vigabatrin""; ""46. Zonisamide""; ""47. Other Antiepileptic Drugs""; ""48. Use of Antidepressants in Epilepsy: What All Neurologists Should Know""; ""49. Immunotherapy in Epilepsy""; ""50. Dietary Therapy for Epilepsy"" ""51. Neurostimulation Therapy for Epilepsy"" ""52. Epilepsy Surgery""; ""53. Prognosis and Ongoing Management of Epilepsy""; ""54. Neuropsychiatric Comorbidities with Epilepsy in Children and Adolescents""; ""55. Epilepsy and Cognition""; ""56. Practical Treatment Strategies of Psychiatric Comorbidities in Adults with Epilepsy""; ""57. Therapeutic Uses of Seizures in Neuropsychiatry""; ""58. Social Challenges Among Children and Adolescents with Intractable Epilepsy""; ""59. Monitoring for Adverse Effects of Antiepileptic Drugs""; ""Index""

## Sommario/riassunto

A comprehensive, and up-to-date primer on the latest therapeutic advances in the management, and treatment of epilepsy. This Includes practical information on diagnostic criteria for all different syndromes along with detailed discussions of appropriate agents