



CME-accredited Course: The Identification and Diagnosis of Lennox-Gastaut Syndrome (LGS)



Learning Resources

Key Guidelines:

- Specchio N et al. International League Against Epilepsy classification and definition of epilepsy syndromes with onset in childhood: Position paper by the ILAE Task Force on Nosology and Definitions. *Epilepsia*. 2022;63(6):1398-1442.
- Wirrell EC et al. International consensus on diagnosis and management of Dravet syndrome. *Epilepsia*. 2022;63(7):1761-1777.
- Northrup H et al. Updated International Tuberous Sclerosis Complex Diagnostic Criteria and Surveillance and Management Recommendations. *Pediatr Neurol*. 2021;123:50-66.
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Key Articles:

- Asadi-Pooya AA et al. Atlas of Electroencephalography, 3rd Edition. *Epileptic Disord*. 2017;19(3):384.
- Asadi-Pooya AA. Lennox-Gastaut syndrome: a comprehensive review. *Neurol Sci*. 2018;39(3):403-14.
- Asadi-Pooya AA. The new International League Against Epilepsy (ILAE) definition of Lennox-Gastaut syndrome: Practical implications and limitations. *J Clin Neurosci*. 2023;115:43-6.
- Cross JH et al. A comprehensive systematic literature review of the burden of illness of Lennox–Gastaut syndrome on patients, caregivers, and society. *Epilepsia*. 2024;65(5):1224-39.
- Strzelczyk A et al. The burden of illness in Lennox–Gastaut syndrome: a systematic literature review. *Orphanet J Rare Dis*. 2023;18(1):42.
- Strzelczyk A, Schubert-Bast S. Expanding the Treatment Landscape for Lennox-Gastaut Syndrome: Current and Future Strategies. *CNS Drugs*. 2021;35(1):61-83.
- Strzelczyk A, Schubert-Bast S. *CNS Drugs*. A Practical Guide to the Treatment of Dravet Syndrome with Anti-Seizure Medication. 2022;36:217–237.
- Strzelczyk A, Schubert-Bast S. *CNS Drugs*. Psychobehavioural and Cognitive Adverse Events of Anti-Seizure Medications for the Treatment of Developmental and Epileptic Encephalopathies. 2022;36(10):1079-1111.





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Additional Articles:

- International League Against Epilepsy (ILAE). “Unparalleled assessment” of the global burden of epilepsy highlights yawning treatment gap in low-income countries. Epigraph. 2019; 21(2). Available at: <https://www.ilae.org/journals/epigraph/epigraph-vol-21-issue-2-spring-2019/unparalleled-assessment-of-the-global-burden-of-epilepsy-highlights-yawning-treatment-gap-in-low-income-countries>. Last accessed: June 2024.
- Kienitz et al. Benzodiazepines in the Management of Seizures and Status Epilepticus: A Review of Routes of Delivery, Pharmacokinetics, Efficacy, and Tolerability. CNS Drugs. 2022;36(9):951-975.
- Montouris G et al. Expert opinion: Proposed diagnostic and treatment algorithms for Lennox-Gastaut syndrome in adult patients. Epilepsy Behav. 2020;110:107146.
- Northrup H et al. Pediatr Neurol. Updated International Tuberous Sclerosis Complex Diagnostic Criteria and Surveillance and Management Recommendations. 2021;123:50-66.
- Pujar S, & Cross JH. Diagnosis of Lennox-Gastaut syndrome and strategies for early recognition. Expert Rev Neurother. 2024;24(4):383-9.
- Wait S et al. The administration of rescue medication to children with prolonged acute convulsive seizures in the community: what happens in practice. Eur J Paediatr Neurol. 2013; 17(1):14-23.

Additional Supportive Documents:

- Patel AD, Becker DA. Introduction to use of an acute seizure action plan for seizure clusters and guidance for implementation. Epilepsia, 2022; 63 (Suppl1):S25-S33.
- Epilepsy Foundation. Lennox Gastaut Syndrome Factsheet. 2020. Available at: <https://www.epilepsy.com/what-is-epilepsy/syndromes/lennox-gastaut-syndrome>.
- Epilepsy Foundation. Seizure Action Plan (SAP). 2023. Available from: <https://www.epilepsy.com/sites/default/files/2023-08/SeizureActionPlan2023ACCE.pdf>

