

REFERENCES

- Aaberg, K.M., Gunnes, N., Bakken, I.J., Lund Søråas, C., Berntsen, A., Magnus, P., Lossius, M.I., Stoltenberg, C., Chin, R. and Surén, P. (2017). Incidence and Prevalence of Childhood Epilepsy: A Nationwide Cohort Study. *Pediatrics*, [online] 139(5), p.e20163908. doi:<https://doi.org/10.1542/peds.2016-3908>.
- Al-Biltagi, M. a. 2014. Childhood epilepsy and sleep. *World J. Clin. Pediatr.* 3: 45–53.
- Agus, M. (2021). *Hari Epilepsi Sedunia Archives*. [online] Rumah Sakit Pantirapih. Available at: <https://pantirapih.or.id/rspr/tag/hari-epilepsi-sedunia/#:~:text=Estimasi%20penderita%20epilepsi%20di%20Indonesia> [Accessed 4 Mar. 2023]
- Al-Biltagi, M.A. (2014). Childhood epilepsy and sleep. *World Journal of Clinical Pediatrics*, 3(3), p.45. doi:<https://doi.org/10.5409/wjcp.v3.i3.45>.
- Anwar, H., Khan, Q.U., Nadeem, N., Pervaiz, I., Ali, M. and Cheema, F.F. (2020). Epileptic seizures. *Discoveries*, 8(2), p.e110.
- Apnoea Syndrome Screening: Is Sleep Quality Worthy of Note? *Applied Sciences*, 11(4), p.1440. doi:<https://doi.org/10.3390/app11041440>.
- Bandopadhyay, R. et al. (2021) ‘Recent Developments in Diagnosis of Epilepsy: Scope of MicroRNA and Technological Advancements’, *Biology*, 10(11), p. 1097. Available at: <https://doi.org/10.3390/biology10111097>.
- Batista, B.H.B. and Nunes, M.L. (2007). Evaluation of sleep habits in children with epilepsy. *Epilepsy & Behavior*, 11(1), pp.60–64. doi:<https://doi.org/10.1016/j.yebeh.2007.03.016>. Becker, D.A., Fennell, E.B., Carney, P.R., 2004. Daytime behavior and sleep disturbance in childhood epilepsy. *Epilepsy Behav.* 5:708–715.
- Beghi, E. (2020). The Epidemiology of Epilepsy. *Neuroepidemiology*, [online] 54(2), pp.185–191. doi:10.1159/000503831.
- Browne, T.R. and Holmes, G.L. (2008). *Handbook of epilepsy*. Philadelphia: Lippincott Williams & Wilkins.

- Brunton, L.L., Hilal-Dandan, R. and Knollmann, B.C. (2018). *Goodman & Gilman's the pharmacological basis of therapeutics*. 13th ed. New York: McGraw-Hill Education. Byars, A.W., Byars, K.C., Johnson, C.S., Ton, J., Fastenau, P.S., Perkins, S., Austin, J.K., Dunn, D.W. 2008. The relationship between sleep problems and neuropsychological functioning in children with first recognized seizures. *Epilepsy Behav.* 13: 607–13.
- Camfield, P. and Camfield, C. (2015). Incidence, prevalence and aetiology of seizures and epilepsy in children. *Epileptic Disorders*, 17(2), pp.117–123. doi:10.1684/epd.2015.0736.
- Carvalho, B.M.S., Chaves, J. and Silva, A.M. da (2022). Effects of antiseizure drugs on sleep architecture parameters in adults. *Sleep Science*, 15(2). doi:<https://doi.org/10.5935/1984-0063.20220045>.
- DEHGHANI, M., FAYYAZI, A., CHERAGHI, F., HAKIMI, H., MOSAZADEH, S. and ALMASI, S. (2019). The Relationship Between Severity of Epilepsy and Sleep Disorder in Epileptic Children. *Iranian Journal of Child Neurology*, [online] 13(2), pp.77–88. Available at: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6451861/> [Accessed 14 Feb. 2022].
- de Mendonça, F.M.R., de Mendonça, G.P.R.R., Souza, L.C., Galvão, L.P., Paiva, H.S., de Azevedo Marques Périco, C., Torales, J., Ventriglio, A., Castaldelli-Maia, J.M. and Silva, A.S.M. (2021). Benzodiazepines and Sleep Architecture: a Systematic Review. *CNS & neurological disorders drug targets*, [online] 22(2). doi:<https://doi.org/10.2174/1871527320666210618103344>.
- Devinsky, O., Gazzola, D. and LaFrance, W.C. (2011). Differentiating between nonepileptic and epileptic seizures. *Nature Reviews Neurology*, 7(4), pp.210–220.
- Ellenberg, J.H., Hirtz, D.G. and Nelson, K.B. (1986). Do Seizures in Children Cause Intellectual Deterioration? *New England Journal of Medicine*, 314(17), pp.1085–1088. doi:10.1056/nejm198604243141705.

- Ellingson, R.J., Wilken, K. and Bennett, D.R. (1984). Efficacy of sleep deprivation as an activation procedure in epilepsy patients. *Journal of Clinical Neurophysiology: Official Publication of the American Electroencephalographic Society*, [online] 1(1), pp.83–101. doi:<https://doi.org/10.1097/00004691-198401000-00005>.
- Fauci, A., Braunwald, E., Kasper, D., Hauser, S. and Longo, D. (2008). *Harrison's Principles of Internal Medicine, 17th Edition*. McGraw-Hill Professional Pub.
- Fiumara, A., Pittalà, A., Cocuzza, M. and Sorge, G. (2010). Epilepsy in patients with Angelman syndrome. *Italian Journal of Pediatrics*, [online] 36(1), p.31. doi:<https://doi.org/10.1186/1824-7288-36-31>.
- Fisher, R.S., Acevedo, C., Arzimanoglou, A., Bogacz, A., Cross, J.H., Elger, C.E., Engel, J., Forsgren, L., French, J.A., Glynn, M., Hesdorffer, D.C., Lee, B.I., Mathern, G.W., Moshé, S.L., Perucca, E., Scheffer, I.E., Tomson, T., Watanabe, M. and Wiebe, S. (2014). ILAE Official Report: A practical clinical definition of epilepsy. *Epilepsia*, [online] 55(4), pp.475–482. doi:10.1111/epi.12550.
- Guerrini, R. 2006. Epilepsy in children. *Lancet*, 367, pp.499-524
- Harsono, Endang K. 2006. Pedoman tatalaksana epilepsi. Perdossi. pp. 1–43.
- Huff, J.S. and Murr, N. (2022). *Seizure*. [online] PubMed. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK430765/>.
- Kang, M., Galuska, M.A. and Ghassemzadeh, S. (2023). *Benzodiazepine Toxicity*. [online] PubMed. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK482238/#:~:text=Benzodiazepines%20are%20currently%20used%20to> [Accessed 5 Dec. 2023].
- Karna, B. and Gupta, V. (2020). *Sleep Disorder*. [online] PubMed. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK560720/>.
- Kinnier, W., Reynolds, E. 1990. Translation and analysis of a uniform text form from Babylonian treatise on epilepsy.
- Kovac, S., Domijan, A-M., Walker, M.C. and Abramov, A.Y. (2014). Seizure activity results in calcium- and mitochondria-independent ROS production

- via NADPH and xanthine oxidase activation. *Cell Death & Disease*, 5(10), pp.e1442–e1442. doi:<https://doi.org/10.1038/cddis.2014.390>.
- Lanigar, S. and Bandyopadhyay, S. (2017). Sleep and Epilepsy: A Complex Interplay. *Missouri medicine*, [online] 114(6), pp.453–457. Available at: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6139974/#b6-ms114_p0453 [Accessed 5 Apr. 2023].
- Lewis, C.B. and Adams, N. (2023). *Phenobarbital*. [online] PubMed. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK532277/#:~:text=Mechanism%20of%20Action> [Accessed 7 Jul. 2023].
- Louis, E.D., Mayer, S.A. and Rowland, L.P. (2016). *Merritts Neurology*. Lippincott, Williams & Wilkins.
- Maan, J.S., Duong, T. vi H. and Saadabadi, A. (2022). *Carbamazepine*. [online] PubMed. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK482455/#:~:text=Carbamazepine%20is%20used%20to%20manage>.
- Mignolli, E., Scialpi, A., Valente, D., Berardi, A., Galeoto, G. and Tofani, M. (2022). Sleep Disturbance Scale for Children: Italian Validation in Autism Spectrum Disorder Population. *International Journal of Environmental Research and Public Health*, 19(16), p.10163. doi:<https://doi.org/10.3390/ijerph191610163>.
- Moshé, S.L., Perucca, E., Ryvlin, P. and Tomson, T. (2015). Epilepsy: new advances. *The Lancet*, [online] 385(9971), pp.884–898. doi:[https://doi.org/10.1016/s0140-6736\(14\)60456-6](https://doi.org/10.1016/s0140-6736(14)60456-6).
- Mutanana, N., Tsvere, M. and Chiweshe, M.K. (2020). General side effects and challenges associated with anti-epilepsy medication: A review of related literature. *African Journal of Primary Health Care & Family Medicine*, 12(1). doi:<https://doi.org/10.4102/phcfm.v12i1.2162>.
- Natalita, C., Sekartini, R. and Poesponegoro, H. (2016). Skala Gangguan Tidur untuk Anak (SDSC) sebagai Instrumen Skrining Gangguan Tidur pada

- Anak Sekolah Lanjutan Tingkat Pertama. *Sari Pediatri*, 12(6), p.365.
doi:<https://doi.org/10.14238/sp12.6.2011.365-72>.
- NHS (2019). *Treatment - Epilepsy*. [online] NHS. Available at:
<https://www.nhs.uk/conditions/epilepsy/treatment/>.
- Ngugi, A.K., Bottomley, C., Kleinschmidt, I., Sander, J.W., Newton, C.R. 2010.
Estimation of the burden of active and life-time epilepsy: A meta-analytic approach. *Epilepsia*. 51: 883–890.
- Norris, T.L. (2019). *Porth's pathophysiology: Concepts of altered health states*.
10th ed. Philadelphia: Wolters Kluwer.
- Owens, J. 2008. Classification and Epidemiology of Childhood Sleep Disorders.
Prim Care Clin Off Pr. 2: 533–46.
- Panzarella, V., Giuliana, G., Spinuzza, P., La Mantia, G., Maniscalco, L., Pizzo, G. and Matranga, D. (2021). PASMiatric Sleep Questionnaire for Obstructive Sleep
- Prilipko, L., Saxena, S., Boer, H. 2005. Atlas : epilepsy care in the world. Buch. 129-91.
- Rahman, M., Awosika, A.O. and Nguyen, H. (2023). *Valproic Acid*. [online] PubMed. Available at:
[https://www.ncbi.nlm.nih.gov/books/NBK559112/#:~:text=Valproic%20acid%20\(VPA\)%20ia%20as](https://www.ncbi.nlm.nih.gov/books/NBK559112/#:~:text=Valproic%20acid%20(VPA)%20ia%20as).
- Salinsky, M.C., Oken, B.S. and Binder, L.M. (1996). Assessment of Drowsiness in Epilepsy Patients Receiving Chronic Antiseizure Drug Therapy. *Epilepsia*, 37(2), pp.181–187. doi:<https://doi.org/10.1111/j.1528-1157.1996.tb00010.x>.
- Sarmast, S.T., Abdullahi, A.M. and Jahan, N. (2020). Current Classification of Seizures and Epilepsies: Scope, Limitations and Recommendations for Future Action. *Cureus*, [online] 12(9). Available at:
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7575300/>.
- Scheffer, I. E., Berkovic, S., Capovilla, G., Connolly, M. B., French, J., Guilhoto, L., ... & Zuberi, S. M. (2017). ILAE classification of the epilepsies: Position

- paper of the ILAE Commission for Classification and Terminology. *Epilepsia*, 58(4), 512-521.
- Shvarts, V. and Chung, S. (2013). Epilepsy, Antiseizure Therapy, and Sleep Cycle Parameters. *Epilepsy Research and Treatment*, 2013, pp.1–8. doi:<https://doi.org/10.1155/2013/670682>.
- Singh, A., Trevick, S. 2016. The Epidemiology of Global Epilepsy. *Neurol. Clin.* 34: 837–47.
- Stafstrom, C.E. and Carmant, L. (2015). Seizures and Epilepsy: An Overview for Neuroscientists. *Cold Spring Harbor Perspectives in Medicine*, [online] 5(6), pp.a022426–a022426. doi:<https://doi.org/10.1101/cshperspect.a022426>.
- Staniszewska, A., Mąka, A., Religioni, U. and Olejniczak, D. (2017). Sleep disturbances among patients with epilepsy. *Neuropsychiatric Disease and Treatment*, [online] Volume 13, pp.1797–1803. doi:<https://doi.org/10.2147/ndt.s136868>.
- Suddock, J.T. and Cain, M.D. (2022). *Barbiturate Toxicity*. [online] PubMed. Available at: <https://pubmed.ncbi.nlm.nih.gov/29763050/>.
- Tolaymat, A. and Liu, Z. (2017). Sleep Disorders in Childhood Neurological Diseases. *Children*, 4(10), p.84. doi:<https://doi.org/10.3390/children4100084>.
- Wirrell, E., Blackman, M., Barlow, K., Mah, J., Hamiwka, L., 2005. Sleep disturbances in children with epilepsy compared with their nearest-aged siblings. *Dev. Med. Child Neurol.* 47: 754–759.
- Wolf, P., Röder-Wanner, U.-U. and Brede, M. (1984). Influence of Therapeutic Phenobarbital and Phenytoin Medication on the Polygraphic Sleep of Patients with Epilepsy. *Epilepsia*, 25(4), pp.467–475. doi:<https://doi.org/10.1111/j.1528-1157.1984.tb03445.x>.
- www.who.int. (2023). *Epilepsy*. [online] Available at: <https://www.who.int/news-room/fact->

[sheets/detail/epilepsy#:~:text=Around%2050%20million%20people%20worldwide%20have%20epilepsy%2C%20making%20it%20one.](#)

- Yazdi, Z., Sadeghniaat-Haghighi, K., Naimian, S., Zohal, M.A., Ghaniri, M. 2013. Prevalence of sleep disorders and their effects on sleep quality in epileptic patients. *Basic Clin. Neurosci.* 4: 36–41.
- Yang, L. et al. (2021) ‘Risk Factors for Epilepsy: A National Cross-Sectional Study from National Health and Nutrition Examination Survey 2013 to 2018’, *International Journal of General Medicine*, Volume 14, pp. 4405–4411. Available at: <https://doi.org/10.2147/IJGM.S323209>.
- Zhang, H., Li, Y., Li, X., Liu, G., Wang, B. and Li, C. (2014). Effect of sodium valproate on the sleep structures of epileptic patients. *Experimental and Therapeutic Medicine*, [online] 7(5), pp.1227–1232. doi:<https://doi.org/10.3892/etm.2014.1593>.