

DAFTAR PUSTAKA

- Albaradie, R., Habibullah, H., Mir, A., Alshammari, A.K., Alajmi, M.S., Alsubaie, F.A., *et al.* (2021). The prevalence of seizures in children with developmental delay. *Neurosciences (Riyadh)*, 26(2): 186–191.
- Alisjahbana, D. H., Nurmawati, S., Milanti, M., Djauhari, H., Ledermann, J. P., Antonjaya, U., *et al.* (2023). Central nervous system infection in a pediatric population in West Java. *PLoS neglected tropical diseases*, 17(11), e0011769.
- Alonazi, NA., Alnemri, A., El Melegy, E., Mohamed, N., Talaat, I., Hosny, A., *et al.* (2018). Clinical characteristics and aetiology of early childhood epilepsy: a single centre experience in Saudi Arabia. *Sudan J of paediatr*, 18(1): 57–62.
- Almannai, M., Al Mahmoud, R. A., Mekki, M., & El-Hattab, A. W. (2021). Metabolic Seizures. *Front Neurol*, 12: 640371.
- Al-Qudah, A. A., Albsoul-Younes, A., Masri, A. T., AbuRahmah, S. K., Alabadi, I. A., Nafi, O. A., *et al.* (2017). Type and etiology of pediatric epilepsy in Jordan. A multi-center study. *Neurosciences (Riyadh)*, 22(4): 267–273.
- Anderson, M., Egunsola, O., Cherrill, J., Millward, C., Fakis, A., & Choonara, I. (2015). A prospective study of adverse drug reactions to antiepileptic drugs in children. *BMJ open*, 5(6), e008298.
- Andrianti, P., Gunawan, P., & Hoesin, F. (2016). Profil Epilepsi Anak dan Keberhasilan Pengobatannya di RSUD Dr. Soetomo Tahun 2013. *Sari Pediatri*, 18. 34-39.
- Anwar, H., Khan, Q.U., Nadeem, N., Pervaiz, I., Ali, M., & Cheema, F. F. (2020). Epileptic seizures. *Discoveries (Craiova)*, 8(2): e110.
- Balestrini, S., Arzimanoglou, A., Blümcke, I., Scheffer, I., Wiebe, S., Zelano, J., *et al.* (2021). The aetiologies of epilepsy. *Epileptic Disord*, 23(1): 1-16.
- Bashiri, F. A. (2017). Childhood epilepsies: What should a pediatrician know? *Neurosciences (Riyadh)*, 22(1): 14-19.
- Bednarek, N & Motte, J. (2006). Developmental Delay and Epilepsy. *Epileptic Disord*, 8 (S1): S17-21
- Bélanger, S.A. & Caron, J. (2018). Evaluation of the child with global developmental delay and intellectual disability. *Paediatr child health*, 23(6): 403–410
- Berkovic, S.F. (2015). Genetics of Epilepsy in Clinical Practice. *Epilepsy curr*, 15(4): 192–196.
- Bianchi, A., Viaggi, S., Chiassi, E. (2003). Family study of epilepsy in first degree relatives: data from the Italian Episcreen Study. *Seizure*, 12 (4): 203-210.
- Camfield P, Camfield C. (2015). Febrile seizures and genetic epilepsy with febrile seizures plus (GEFS+). *Epileptic Disord*, 17(2):124-33.
- Cansu, A., Serdaroğlu, A., Yüksel, D., Doğan, V., Ozkan, S., Hirfanoğlu, *et al.* (2007). Prevalence of some risk factors in children with epilepsy compared to their controls. *Seizure*, 16(4), 338–344.

- Casciato, S., Morano, A., Fattouch, J., Fanella, M., Avorio, F., Albini, M., *et al.* (2019). Factors underlying the development of chronic temporal lobe epilepsy in autoimmune encephalitis. *J. Neurol. Sci.* 396:102–107.
- Chauhan, P., Philip, S. E., Chauhan, G., & Mehra, S. (2022). The Anatomical Basis of Seizures. In S. Czuczwar, *Epilepsy* [Internet] (p. chapter 2). Brisbane (AU): Exon Publications. Available at: pubmed.ncbi.nlm.nih.gov/35605083/ [Accessed 4 March 2023]
- Chattopadhyay N & Saumitra M. (2016). Developmental outcome in children with malnutrition. *J Nepal Paediatric Soc*, 36(2):170–177.
- Chau, V., Synnes, A., Grunau, R. E., Poskitt, K. J., Brant, R., & Miller, S. P. (2013). Abnormal brain maturation in preterm neonates associated with adverse developmental outcomes. *Neurology*, 81(24), 2082–2089.
- Cho YW., Kim, KT. (2019). The Latest Classification of Epilepsy and Clinical Significance of Electroencephalography. *J Neurointensive Care*. 2(1):1-3.
- Dave, H. & Trivedi, N. (2018). Drug utilization pattern of antiepileptic agents among pediatric epilepsy at tertiary care teaching hospital of Gujarat. *IJBOP*, 7. 1606.
- De Kovel, C. G., Trucks, H., Helbig, I., Mefford, H. C., Baker, C., Leu, C., *et al.* (2010). Recurrent microdeletions at 15q11.2 and 16p13.11 predispose to idiopathic generalized epilepsies. *Brain*, 133(Pt 1), 23–32.
- Ding, K., Gupta, PK., Diaz-Arrastia, R. (2016). Epilepsy after Traumatic Brain Injury. In: Laskowitz D, Grant G, editors. *Translational Research in Traumatic Brain Injury*. Available at: www.ncbi.nlm.nih.gov/books/NBK326716/ [Accessed 4 March 2023]
- Dubé, C. M., Ravizza, T., Hamamura, M., Zha, Q., Keebaugh, A., Fok, K., *et al.* (2010). Epileptogenesis provoked by prolonged experimental febrile seizures: mechanisms and biomarkers. *J neurosci*, 30(22), 7484–7494.
- Dwajani S, Meghana KS, krithika S, Adarsh E. (2022). Treatment Pattern of Antiepileptic Drugs in Paediatric with Epilepsy. *J. pharmacol. clin. res.* 6(3) 2614-0020
- Egunsola, O., Choonara, I., & Sammons, H. M. (2017). Anti-epileptic drug utilisation in paediatrics: a systematic review. *BMJ paediatr open*, 1(1), e000088.
- Epilepsy Foundation. (2022). [Internet]. Epilepsy Foundation. Available at: www.epilepsy.com/ [Accessed 23 January 2023]
- Finsterer, J. & Mahjoub, S.Z. (2013). Presentation of adult mitochondrial epilepsy. *Seizure*, 22(2): 119–123.
- Fisher, R. S., Acevedo, C., Arzimanoglou, A., Bogacz, A., Cross, J. H., & Christian E. E. (2014). ILAE official report: A practical clinical definition of epilepsy. *Epilepsia*, 55(4): 475–482.
- Fisher, R., Cross, J., French, J., Higurashi, N., Hirsch, E., Jansen, F., *et al.* (2017). Operational classification of seizure types by the International League Against Epilepsy: Position Paper of the ILAE Commission for Classification and Terminology. *Epilepsia*, 58(4): 522–530.
- Fenichel, M. (2009). *Clinical Pediatric Neurology: A Signs and Symptoms Approach*. 6th ed. Philadelphia: Saunders, 119–52.

- Fodjo, N.S. (2021). Definition, Classification, and Burden of Epilepsy. IntechOpen.
- Graves, R. C., Oehler, K., & Tingle, L. E. (2012). Febrile seizures: risks, evaluation, and prognosis. *Am fam physician*, 85(2), 149–153.
- Guerrini, R. & Dobyns, WB. (2014). Malformations of cortical development: clinical features and genetic causes. *Lancet Neurol*, 13(7): 710–726.
- Harden, C.L., Huff, J. S., Schwartz, T. H., Dubinsky, R. M., Zimmerman, R. D., Weinstein, S., *et al.* (2007). Reassessment: neuroimaging in the emergency patient presenting with seizure (an evidence-based review): report of the Therapeutics and Technology Assessment Subcommittee of the American Academy of Neurology. *Neurology*, 69:1772-80.
- Hasan, S. S., Bahari, M. B., Babar, Z. U., & Ganesan, V. (2010). Antiepileptic drug utilisation and seizure outcome among paediatric patients in a Malaysian public hospital. *Singap med j*, 51(1), 21–27.
- Hastuti, S., Ynati, D., & Suwita, N. (2020). Karakteristik Epilepsi pada Anak yang menderita Cerebral Palsy di Poli Anak RSUD dr. Zainoel Abidin Tahun 2019. *J Med Sci*, 1 (2): 92-99.
- Huff, J.S. & Murr, N. (2023). Seizure. [Internet]. Treasure Island (FL): StatPearls Publishing; Available at: www.ncbi.nlm.nih.gov/books/NBK430765/. [Accessed 9 January 2023]
- Husari, K. S., & Dubey, D. (2019). Autoimmune Epilepsy. *Neurotherapeutics*, 16(3): 685–702.
- Hwang, G., Kang, H.S., Park, S.Y., Han, K.H., & Kim, S.H. (2015). Predictors of unprovoked seizure after febrile seizure: short-term outcomes. *Brain Dev*, 37:315–321.
- Ikhurionan, P., Olusola, O., Blessing, A.L., & Gabriel, O. (2021). Determinants of cognitive impairment in children with epilepsy in Benin city. *Niger J Paediatr*, 48 (3): 128-134.
- ILAE. (2022). Seizure Classification. [internet] Available at: www.epilepsydiagnosis.org/seizure/seizure-classification-groupoverview.html [Accessed 15 February 2023]
- InformedHealth.org. (2020). Epilepsy in children: Types and treatment options. [internet] Institute for Quality and Efficiency in Health Care (IQWiG). Available at: www.ncbi.nlm.nih.gov/books/NBK561513/ [Accessed 15 November 2022]
- Jang, Y., Kim, D. W., Yang, K. I., Byun, J. I., Seo, J. G., No, Y. J. *et al.* (2020). Drug Committee of Korean Epilepsy Society. Clinical Approach to Autoimmune Epilepsy. *J Clin Neurol*, 16(4): 519–529.
- Karaoğlu, P., Yaş, U., Polat, A. İ., Ayanoglu, M., & Hız, S. (2021). Clinical predictors of drug-resistant epilepsy in children. *Turk j med sci*, 51(3), 1249–1252.
- Kementrian Kesehatan RI. (2017). Pedoman Nasional Pelayanan Kedokteran tata laksana epilepsi pada anak. Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/MENKES/367/2017
- Kentab, A. Y., Al Bulayhi, S., Hamad, M. H., Al Wadei, A., & Bashiri, F. A. (2022). Pattern and etiology of early childhood epilepsy: An Experience at a tertiary care University Center. *Neurosci (Riyadh)*, 27(4), 244–250.

- Khan, I., & Leventhal, B. L. (2023). Developmental Delay. In *StatPearls*. StatPearls Publishing.
- Khanna, A., Walcott, B. P., & Kahle, K. T. (2013). Limitations of Current GABA Agonists in Neonatal Seizures: Toward GABA Modulation Via the Targeting of Neuronal Cl(-) Transport. *Front neurol*, 4: 78.
- Kishk, N., Salah, H., Ibrahim, S., Shamloul, R., Al-Azazi, A., & Shalaby, N. (2019). Sex differences among epileptic patients: a comparison of epilepsy and its impacts on demographic features, clinical characteristics, and management patterns in a tertiary care hospital in Egypt. *Egypt J Neurol Psychiatr Neurosurg*, 55: 39.
- Knoema. (2021). Indonesia - Neonatal mortality rate. [Internet]. Available at: knoema.com/atlas/Indonesia/Neonatal-mortality-rate [Accessed 20 November 2023]
- Koman, L. A., Smith, B. P., & Shilt, J. S. (2004). Cerebral palsy. Elsevier. *The Lancet*, 363(9421): 1619-1631
- Kulak, W., & W Sobaniec, W. (2003). Risk Factors And Prognosis Of Epilepsy In Children With Cerebral Palsy In North-Eastern Polan. *Brain Dev*, 25(7): 499-506.
- Kwan P, Schachter SC, & Brodie MJ. (2011). Drug-resistant epilepsy. *N Engl J Med*, 365:919–26.
- Laura, O. G., Javier, L.P., Carlos L.M., Cristina, Ruth F.M., Pilar S.V., *et al.* (2017). A study of epilepsy according to the age at onset and monitored for 3 years in a regional reference paediatric neurology unit. *An Pediatr (Barc)*, 86 (1): 11 – 19.
- Lee, J. W., & Dworetzky, B. (2010). Rational Polytherapy with Antiepileptic Drugs. *Pharmaceuticals (Basel.)*, 3(8), 2362–2379.
- Lee, LLV., Choo, B., Chung, YS., Kundap, U., Kumari, Y., & Shaikh, MF. (2018). Treatment, Therapy and Management of Metabolic Epilepsy. *Int J Mol Sci*, 19(3): 871.
- Lee, S. H., Byeon, J. H., Kim, G. H., Eun, B. L., & Eun, S. H. (2016). Epilepsy in children with a history of febrile seizures. *Korean j of pediatr*, 59(2): 74–79.
- Löscher W & Howe, C. L (2022). Molecular Mechanisms in the Genesis of Seizures and Epilepsy Associated With Viral Infection. *Front Mol Neurosci*, 15: 870868.
- Martin, J., Brodie, Sameer, M., Zuberi, Ingrid, E., Scheffer, *et al.* (2018). The 2017 ILAE classification of seizure types and the epilepsies: what do people with epilepsy and their caregivers need to know? *Epileptic Disord*, 20(2):77-87.
- Millichap, J. G. (2000). Risk Factors for Refractory Epilepsy. *Pediatr Neurol Briefs*, 14(2), 9-10.
- Mohanraj, R., & Brodie, M. J. (2013). Early predictors of outcome in newly diagnosed epilepsy. *Seizure*, 22(5), 333–344.
- Molloy, E.J., El-Dib, M., Soul, J., Juul, S., Gunn A.J., Bender, M., *et al.* (2023). Neuroprotective therapies in the NICU in preterm infants: present and future (Neonatal Neurocritical Care Series). *Pediatr Res* .
- Myers, C. T., & Mefford, H. C. (2015). Advancing epilepsy genetics in the genomic era. *Genome med*, 7(1): 91.
- Noe K.H., & Manno, E.M. Mechanisms underlying status epilepticus. (2005). *Drugs Today (Barc)*; 41: 257–66.

- Ochoa-Gómez, L., López-Pisón, J., Moros C. L., Rodrigo C. F., Martínez, R. F., Villagrasa, P., *et al.* (2017). A study of epilepsy according to the age at onset and monitored for 3 years in a regional reference paediatric neurology unit. *An Pediatr*, 86 (1): 11-19.
- Papetti L., Parisi P., Leuzzi V., Nardecchia F., Nicita F., Ursitti F., *et al.* (2013). Metabolic epilepsy: An update. *Brain Dev*, 35(9): 827–841.
- Patel, D.C., Tewari, B.P., Chaunsali, L. & Sontheimer, H. (2019). Neuron–glia interactions in the pathophysiology of epilepsy. *Nat Rev Neurosci*, 20: 282–297.
- Patel, P., & Moshé, S. L. (2020). The evolution of the concepts of seizures and epilepsy: What's in a name?. *Epilepsia open*, 5(1): 22–35.
- Patterson, K. P., Baram, T. Z., & Shinnar, S. (2014). Origins of temporal lobe epilepsy: febrile seizures and febrile status epilepticus. *Neurotherapeutics*, 11(2), 242–250.
- Poke, G., Stanley, J., Scheffer, I. E., & Sadleir, L. G. (2023). Epidemiology of Developmental and Epileptic Encephalopathy and of Intellectual Disability and Epilepsy in Children. *Neurology*, 100(13), e1363–e1375.
- Poudel, P., Kafle, S. P., & Pokharel, R. (2021). Clinical profile and treatment outcome of epilepsy syndromes in children: A hospital-based study in Eastern Nepal. *Epilepsia open*, 6(1), 206–215.
- Rahman, M. M., & Fatema, K. (2021). Genetic Diagnosis in Children with Epilepsy and Developmental Disorders by Targeted Gene Panel Analysis in a Developing Country. *J epilepsy res*, 11(1): 22–31.
- Rahmat, D., Mangunatmadja, I., Tridjaja B., Tambunan, T., & Suradi, R. (2010). Prevalence and risk factors for epilepsy in children with spastic cerebral palsy. *Paediatr Indones*, 50(1): 11–7.
- Rajshekhar, V., Raghava, M., Prabhakaran, V., Oommen, A., & Muliyil, J. (2006). Active epilepsy as an index of burden of neurocysticercosis in Vellore district, India. *Neurology*, 67(12): 2135–2139.
- Ramadhan, M.G., Karima, U.Q., Yuliana, T., & Herbawani, C.K. (2023). Faktor-Faktor Terjadinya Kematian Neonatal di Indonesia: Analisis Data SDKI 2017. *Bikfokes*, 3 (2).
- Ramzi, Yati S, & Sunartini. (2007). Faktor prediktor epilepsi refrakter onset anak di awal terapi obat anti epilepsi Universitas Gadjah Mada (Tesis). Yogyakarta: Fakultas Kedokteran Universitas Gadjah Mada.
- Rantanen, K., Eriksson, K., Nieminen, P. (2011). Cognitive impairment in preschool children with epilepsy: Cognitive Impairment in Preschool Children. *Epilepsia*, 52(8), 1499–1505.
- Rehman, Z.U. (2022). Clinical Characteristics and Etiology of Epilepsy in Children Aged Below Two Years: Perspective From a Tertiary Childcare Hospital in South Punjab, Pakistan. *Cureus*, 14(4): e23854.
- Riney, K., Bogacz, A., Somerville, E., Hirsch, E., Nabbout, R., Scheffer, I.E., *et al.* (2022). International League Against Epilepsy classification and definition of epilepsy syndromes with onset at a variable age. *Epilepsia*, 63: 1443–1474.

- Riviello, J. J., Ashwal, S., Hirtz, D., Glauser, T., Ballaban-Gil, K., Kelley, K., *et al.* (2006). Practice Parameter: Diagnostic assessment of the child with status epilepticus (an evidence-based review). *Neurology*, 67(9): 1542-1550.
- Samia, P., Barr, A., Levi, S., Donald, K., Wilmschurst, J., & Newton, C. (2019). Clinical characteristics of children with epilepsy managed at an urban hospital in Africa: a retrospective study. *JICNA*, 10: 162.
- Sarmast, ST., Abdullahi, AM., & Jahan, N. (2020). Current Classification of Seizures and Epilepsies: Scopes, Limitations and Recommendations for Future Action. *Cureus*, 12(9), e10549.
- Scheffer, I. E., Berkovic, S., Capovilla, G., Connolly, M. B., French, J., Guilhoto, L., *et al.* (2017). ILAE classification of the epilepsies: Position paper of the ILAE Commission for Classification and Terminology. *Epilepsia*, 58(4), 512–521.
- Sekarsari, D., Kalanjati, V.P., Machin, A., Gunawan, P.I. (2020). Profile of epilepsy patients in Pediatric Ward at Dr. Soetomo General Academic Hospital, Surabaya, Indonesia in the period of January-December 2017. *e-journal.unair*, 30 (2) 34-38.
- Shao, L., Habela, C., & Stafstrom, C. (2019). Pediatric Epilepsy Mechanisms: Expanding the Paradigm of Excitation/Inhibition Imbalance. *Children (Basel)*, 6(2): 23.
- Singhi, P. (2011). Infectious causes of seizures and epilepsy in the developing world. *Dev Med Child Neurol*, 53:600–609
- Sokka, A., Olsen, P., Kirjavainen, J., Harju, M., Nisula, L.K., Raisanen, S., *et al.* (2017). Etiology, syndrome diagnosis, and cognition in childhood-onset epilepsy: A population-based study. *Epilepsia Open*, 2(1):76-83.
- St Louis, E. K., Rosenfeld, W. E., & Bramley, T. (2009). Antiepileptic drug monotherapy: the initial approach in epilepsy management. *Curr. Neuropharmacol*, 7(2), 77–82.
- Stafstrom, CE., & Carmant, L. (2015). Seizures and epilepsy: an overview for neuroscientists. *Cold Spring Harb perspect med*, 5(6), a022426.
- Suwarba, I.G.N.M. (2011). Insidens dan Karakteristik Klinis Epilepsi pada Anak. *Sari Pediatri*, 13(2):123-8.
- Symonds, J. D., Elliott, K. S., Shetty, J., Armstrong, M., Brunklaus, A., Cutcutache, I., *et al.* (2021). Early childhood epilepsies: epidemiology, classification, aetiology, and socio-economic determinants. *Brain : a journal of neurology*, 144(9), 2879–2891.
- Syvetsen, M., Nakken, K.O., Edland, A., Hansen, G., Hellum, M.K. & Koht, J. (2015). Prevalence and etiology of epilepsy in a Norwegian county. *Epilepsia*, 56: 699-706.
- Thakran, S., Guin, D., Singh, P., Singh, P., Kukal, S., Rawat, C., *et al.* (2020). Genetic Landscape of Common Epilepsies: Advancing Precision in Treatment. *Int. J. Mol. Sci*, 21, 7784.
- Thomaidis, L., Zantopoulos, G.Z., Fouzas, S. Mantagou, L., Bakoula C, & Konstantopoulos S. (2014). Predictors of severity and outcome of global developmental delay without definitive etiologic yield: a prospective observational study. *BMC Pediatr* 14, 40.
- Triono, A., Herini, E. S. (2014). Faktor Prognostik Kegagalan Terapi Epilepsi pada Anak dengan Monoterapi. *Sari pediatri*, 16 (4).

- Valdez, R., Yoon, P.W., Qureshi, N., Green, R.F., & Khoury, M.J. (2010). Family history in public health practice: a genomic tool for disease prevention. *Annu Rev Public Health*, 31:69–87
- Vera-González, A. (2022). Pathophysiological Mechanisms Underlying the Etiologies of Seizures and Epilepsy. [Internet]. Exon Publications. Available at: www.ncbi.nlm.nih.gov/books/NBK580618/ [Accessed 20 November 2022]
- Vezzani, A. F., White, H. S., Preux, P. M., Blümcke, I., Sander, J. W., & Löscher, W. (2016). Infections, inflammation and epilepsy. *Acta neuropathol*, 211–234.
- Vrhovsek, M. J. (2012). Epilepsy in cerebral palsy. *East J Med*, 17(4): 166 -170
- WHO. (2022). Epilepsy. [Internet]. Available at: www.who.int/news-room/fact-sheets/detail/epilepsy. [Accessed 9 December 2022]
- Wibowo, A. R., & Saputra, D.R. (2012). Prevalens dan Profil Klinis pada Anak Palsi Serebral Spastik dengan Epilepsi. *Sari Pediatri*, 14 (1).
- Wilmschurst, J.M., Berg, A.T., Lagae, L., Newton, C.R., & Cross, J.H. (2014). The challenges and innovations for therapy in children with epilepsy. *Nat Rev Neurol*, 10 (5):249-260.
- Wirrell, E. (2020). Genetic Causes of Epilepsy. [Internet]. Epilepsy Foundation. Available at: www.epilepsy.com/causes/genetic [Accessed 20 November 2023]
- Wondemagegn, A. T., & Mulu, A. (2022). Effects of Nutritional Status on Neurodevelopment of Children Aged Under Five Years in East Gojjam, Northwest Ethiopia, 2021: A Community-Based Study. *Int. J. Gen. Med*, 15, 5533–5545.
- Xue-Ping, W., Hai-Jiao, W., Li-Na, Z., Xu, D., & Ling, L. (2019). Risk factors for drug-resistant epilepsy: A systematic review and meta-analysis. *Medicine*, 98(30), e16402.
- Yang, Y., Shi, L., Jin, X., & Tong, S. Association of perinatal factors with suspected developmental delay in urban children aged 1–36 months - a large-scale cross-sectional study in China. *BMC Pediatr* 23, 11 (2023).
- Yilmaz, S.B., Okuyaz, C., & Komur, M. (2013). Predictors of intractable childhood epilepsy. *Pediatric neurology*, 48(1), 52–55.
- Zamani, G. R., Shervin-Badv, R., Niksirat, A., & Alizadeh, H. (2013). CNS structural anomalies in Iranian children with global developmental delay. *Iranian journal of child neurology*, 7(1), 25–28.