

DAFTAR PUSTAKA

- Alam, A. 2011. Kejadian Meningitis Bakterial pada Anak Usia 6-18 Bulan yang Menderita Kejang Demam Pertama. *Sari Pediatri*. 13(4): 293-98
- Arydina, Herini, E.S., Triono, A. 2014. *Bacterial Meningeal Score (BMS) Sebagai Indikator Diagnosis Meningitis Bakterialis di RSUP Dr. Sardjito Yogyakarta*. *Sari Pediatri*. 15(5): 274-80
- Atti, C.M., Esposito, S., Parola, L., Ravà, L., Gargantini, G., *et al.* 2014. In-Hospital Management Of Children With Bacterial Meningitis In Italy. *Italian Journal Of Pediatrics*. 40: 87
- Barzegar, M., Mahdavi, M., Zalegolab, B.A., Tabrizi, A. 2015. Refractory Convulsive Status Epilepticus in Children: Etiology, Associated Risk Factors and Outcome. *Iran J Child Neurol*. 9(4): 24-31
- Beaman, M.H. 2018. Community-acquired Acute Meningitis and Encephalitis: a Narrative Review. *Med J Aust*. 209(10): 449-54
- Beghi, E., Carpio, A., Forsgren, L., Hesdorffer, D.C., Malmgren, K., *et al.* 2010. Recommendation for a Definition of Acute Symptomatic Seizure. *Epilepsia*. 51(4):671-75
- Beleza P, 2012. Acute Symptomatic Seizures A Clinically Oriented Review. *The Neurologist*. 18:109–19
- Belok, S. H., Bosch, N. A., Klings, E. S., Walkey, A. J. 2021. Evaluation of leukopenia during sepsis as a marker of sepsis-defining organ dysfunction. *PLoS ONE*. 16(6): e025220
- Bhutto, E., Naim, M., Ehtesham, M., Rehman, M., Siddiquem M.A. 1999. Prognostic Indicators of Childhood Acute Viral Encephalitis. *Journal of Pakistan Medical Association*. 49(12):311-16
- Cain, M.D., Salimi, H., Diamond, M.S. 2019. Mechanisms of Pathogen Invasion into The Central Nervous System. *Neuron*. 103: 771-83
- Correa-Lima, A.R, de Barros M.D., Valenca, M.M., Valenca, L.A. 2014. Risk Factors for Acute Symptomatic Seizure in Bacterial Meningitis in Children. *Journal of Child Neurology*. 30(9):1182-85
- Dahlan, M.S., 2012. *Seri 11 Analisis Survival: Dasar-dasar Teori dan Aplikasi dengan Program SPSS*. pp. 5-39. Epidemiologi Indonesia, Jakarta
- Dahlan, M.S., 2014. Statistik Deskriptif. In: *Statistik Untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat, dan Multivariat Dilengkapi Aplikasi Menggunakan SPSS*. pp. 47–89. Epidemiologi Indonesia, Jakarta
- Dorsett, M., Liang, S.,Y. 2016. Diagnosis and Treatment of Central Nervous System Infections in the Emergency Department. *Emerg Med Clin N Am*. 34: 917–42
- El Bashir, H., Laundry, M., Booy, R. 2003. Diagnosis and Treatment of Bacterial Meningitis. *Arch Dis Child*. 88:615–20
- Farag, H.F.M., Fattah, M.M.A., Youssri, A.M. 2005. Epidemiological, Clinical and Prognostic Profile of Acute Bacterial Meningitis among Children in Alexandria, Egypt. *Indian Journal of Medical Microbiology*. 23(2):95-101

- Fisher, R.S., Cross, J.H., D'Souza, C., French, J.A., Haut, S.R., *et al.* 2017. Instruction Manual for The ILAE 2017 Operational Classification of Seizure Types. *Epilepsia*. 58(4):531–42
- GBD 2016 Meningitis Collaborators. 2018. Global, Regional, and National Burden of Meningitis, 1990-2016: A Systematic Analysis for The Global Burden of Disease Study 2016. *Lancet Neurol*. 17(12):1061-82
- Goldstein, B., Giroir, B., Randolph, A. 2005. International Pediatric Sepsis Consensus Conference: Definitions for Sepsis and Organ Dysfunction in Pediatrics. *Pediatric Crit Care Med*. 6(1):108
- Halawa, E.F., Draz, I., Ahmed, D.A., Shaheen, H.A. 2015. Predictors of Outcome of Convulsive Status Epilepticus Among an Egyptian Pediatric Tertiary Hospital. *Journal of Child Neurology*. 30(13): 1736-1742
- Hasbun, R. 2019. Meningitis clinical presentation. <https://emedicine.medscape.com/article/232915-clinical>. Diakses pada 14 Agustus 2021
- Hasbun, R., Wootton, S.H., Rosenthal, N., Balada-Llasat, J.M., Chung, J., *et al.* 2019. Epidemiology of Meningitis and Encephalitis in Infants and Children in the United States, 2011-2014. *Pediatr Infect Dis J*. 38(1):37-41
- Hesdorffer, D.C., Benn, E. K.T., Cascino, G.D., Hauser A. 2009. Is a First Acute Symptomatic Seizure Epilepsy? Mortality and Risk for Recurrent Seizure. *Epilepsia*. 50(5): 1102-1108
- Hu, R., Gong, Y., Wang, Y. 2015. Relationship of Serum Procalcitonin Levels to Severity and Prognosis in Pediatric Bacterial Meningitis. *Clin Pediatr (Phila)*. 54(12):1141-4
- Huang, L., Heuer, O.D., Janßen, S., Häckl, D., Schmedt, N. 2020. Clinical and Economic Burden of Invasive Meningococcal Disease: Evidence from a Large German Claims Database. *PLoS One*. 15(1):e0228020
- Jain R., Chang, W. 2018. Emergency Department Approach to the Patient with Suspected Central Nervous System Infection. *Emerg Med Clin N Am*. 711–22
- Jin, D., Heo, T. H., Byeon, J. H., Kim, G.H., Kim, M. K., *et al.* 2015. Analysis of Clinical Information and Reverse Transcriptase-Polymerase Chain Reaction For Early Diagnosis of Enteroviral Meningitis. *Clin Exp Pediatr*. 58(11):446-450
- Jonge, R.C.J., Furth, A.M., Wassenaar, M., Gemke, R.J., Terwee, C.B. 2010. Predicting sequelae and death after bacterial meningitis in childhood: A systematic review of prognostic studies. *BMC Infectious Diseases*. 10 (232): 1-14
- Joshi, R., Mishra, P.K., Joshi, D., Santhosh, S.R., Parida, M.M., *et al.* 2013. Clinical Presentation, Etiology, and Survival in Adult Acute Encephalitis Syndrome in Rural Central India. *Clinical Neurology and Neurosurgery*. 115(9): 1753–61
- Jordan, I., Calzada, Y., Monfort, L., Vila-Pérez, D., Felipe, A., *et al.* 2016. Clinical, Biochemical and Microbiological Factors Associated with the Prognosis of Pneumococcal Meningitis in Children. *Enferm Infec Microbiol Clin*. 34(2):101-7

- Juganariu, G., Miftode, E., Teodor, D., Leca, D., Dorobăț, C.M. 2012. Clinical Features and Course of Bacterial Meningitis in Children. *Rev Med Chir Soc Med Nat Iasi*. 116(3):722-6
- Kakoti, G., Das, B.R. 2020. Clinico-epidemiological Characteristics of Hospitalized Acute Encephalitis Syndrome Children and Their Correlation with Case Fatality Rate. *J Family Med Prim Care*. 9:5948-53
- Kemkes RI. 2014. Kondisi Pencapaian Kesehatan Anak di Indonesia. Pusat Data dan Informasi Kementrian Kesehatan RI. <https://www.kemkes.go.id/resources/download/pusdatin/infodatin/infodatin-anak.pdf>. Diakses pada 10 Juli 2020
- Kennedy, P.G.E., 2004. Viral Encephalitis: Causes, Differential Diagnosis, and Management. *Journal of Neurology, Neurosurgery & Psychiatry*. 75: 10 – 115
- Khandaker, G., Jung, J., Britton, P.N., King, C., Yin, J.K., Jones, C.A. 2016. Long-term Outcome of Infective Encephalitis in Children: A Systematic Review and Meta-analysis. *Developmental Medicine & Child Neurology*. 58: 1108-1115
- Korff, C.M., Dale, R.C. 2017. The Immune System in Pediatric Seizures and Epilepsies. *Pediatrics*. 140(3): 1-9
- Liberalesso, P.B.N., da Silva, I.C.B., Klagenberg, K.F., Jurkiewicz, A.L., Zeigolboim, B.S., *et al*. 2009. Incidence and Risk Factors for Seizures in Central Nervous System Infections in Childhood. *J Epilepsy Clin Neurophysiol*. 15(2):83-88
- Lingappa, L., Konaki, R., Patel, R., Vooturi, S., Jayalakshmi, S. 2016. Clinical profile and outcome of refractory convulsive status epilepticus in older children from a developing country. *Seizure*. 36: 31-35
- Lovera, D., Arbo, A. 2005. Risk Factors for Mortality in Paraguayan Children with Pneumococcal Bacterial Meningitis. *Tropical Medicine & International Health*. 10: 1235-1241
- Mailles, A, Stahl, J.P., Steering Committee and Investigators Group. 2009. Infectious Encephalitis in France in 2007: a National Prospective Study. *Clin Infect Dis*. 49(12):1838-47
- Melati, D., Suwarba, I.M., Sutriani, D. 2014. First Unprovoked Seizure in Children. *Medicina*. 45:93-98
- Mendizabal, M.M.A., Bezerra, P.C., Guedes, D.L., Cabral, D.B., Miranda-Filho, D.B. 2013. Prognostic Indicators in Bacterial Meningitis: a Case-Control Study. *Brazilian Journal of Infectious Diseases*. 17(5):538-44
- Misra, U.K., Kalita, J. 2009. Seizures in Encephalitis: Predictors and Outcome. *Seizure*. 18: 583–87
- Mioramalala, S., A., Razafindratovo, R. M. R., Rakotozanany, A., Miarambola, R., Weldegebriel, G., *et al*. 2018. Analysis of Death and Survival Factors Associated with Childhood Bacterial Meningitis at a Reference Pediatric Hospital in Antananarivo, Madagascar. *J Immunol Sci*. 2(2): 8–14
- Namani, S.A., Kuchar, E., Koci, R., Mehmeti, M. Dedushi, K. 2011. Early Symptomatic and Late Seizures in Kosovar Children with Bacterial Meningitis. *Childs Nerv Syst*. 27:1967–71

- Nei, M., Bagla, R. 2007. Seizure-related Injury and Death. *Curr Neurol Neurosci Rep.* 7:335–41
- Novariani, M., Herini, E.S., Patria, S.Y. 2008. Faktor Risiko Sekuele Meningitis Bakterial pada Anak. *Sari Pediatri.* 9(5): 342-47
- Odetola, F.O., Bratton, S.L. 2005. Characteristics and Immediate Outcome of Childhood Meningitis Treated in The Pediatric Intensive Care Unit. *Intensive Care Med.* 31(1):92-7
- Olson, D., Lamb, M.M., Gaensbauer, J.T., Todd, J.K., Halsey, N.A., *et al.* 2015. Risk Factors for Death and Major Morbidity in Guatemalan Children with Acute Bacterial Meningitis. *The Pediatric infectious disease journal.* 34(7): 724–28
- Ooi, M.H. Lewthwaite, P., Lai, B.F., Mohan, A. Clear, D., *et al.* 2008. The Epidemiology, Clinical Features, and Long-Term Prognosis of Japanese Encephalitis in Central Sarawak, Malaysia, 1997–2005. *Clinical Infectious Diseases.* 47: 458-68
- Oostenbrink, R., Moons, K.G., Derksen-Lubsen, G., Grobbee D.E., Moll, H.A. 2002. Early Prediction of Neurological Sequelae or Death After Bacterial Meningitis. *Acta Paediatr.* 91:391-98
- Pelkonen, T., Roine, I., Monteiro, L., Correia, M., Pitkaranta, A., *et al.* 2009. Risk Factors for Death and Severe Neurological Sequelae in Childhood Bacterial Meningitis in Sub-Saharan Africa. *Clin Infect Dis.* 48:1107-10
- PERDOSSI. 2019. *Bangkitan Epileptik.* In: *Pedoman Tatalaksana Epilepsi edisi 6.* pp: 1-11. Airlangga University Press, Surabaya
- Pusponegoro, H.D. 2000. Ensefalitis Herpes Simplex pada Anak. *Sari Pediatri.* 2(2): 77-81
- Roine, I., Peltola, H., Fernandez J., Zavala, I., Mata, A.G., *et al.* 2008. Influence of Admission Findings on Death and Neurological Outcome from Childhood Bacterial Meningitis. *Clinical Infectious Diseases.* 46:1248–52
- Roos, K.L., Tyler, K.L., 2013. Meningitis, Encephalitis, Brain Abscess, and Empyema. In: *Harrison's Neurology In Clinical Medicine 3rd Ed.*, pp. 493–526. McGraw-Hill Education, USA
- Ropper, A.H., Samuels, M.A., Klein, J.P., Prasad S. 2019. Epilepsy and Other Seizure Disorder. In: Adam and Victor's Principles of Neurology 11th Ed., pp:332-73. McGraw-Hill Education, USA
- Roy, A., Mandal, K., Sen, S., Bag, T. 2015. Study of Acute Viral Meningoencephalitis in Children in Sub-Himalayan Tarai Region: Clinico-epidemiological, Etiological, and Imaging Profile. *Indian Journal of Child Health.* 2(4), 177-81
- Saharso, D., Hidayati, S.N., 2000. Infeksi Susunan Saraf Pusat. Dalam: Soetomenggolo, T, S., Ismael, S. Buku Ajar Neurologi Anak. IDAI, Jakarta.
- Saing, B., Marbun, M.D., Gani, A. 1990. Clinical Evaluation of Encephalitis. *Paediatr Indones.* 30(3-4):71-8
- Santoso LA, Widodo DP, Munasir Z. 2020. Factors associated with outcome of acute encephalitis in children: a retrospective study of three referral hospitals. *Med J Indones.* 29:154–63

- Seddon, J.A., Tugume, L., Solomons, R., Prasad, K., Bahr, N.C. *et al.* 2019. The current global situation for tuberculous meningitis: epidemiology, diagnostics, treatment and outcomes. *Welcome open research*. 4: 167
- Singhi, P., Bansal A., Geeta, P., Singhi, S. 2007. Predictors of Long Term Neurological Outcome in Bacterial Meningitis. *Indian Journal of Pediatrics*. 74(4): 369-74
- Solomon T, Michael B.D, Smith P.E, Sanderson F., Davies, N.W.S., *et al.* 2012. Management of suspected viral encephalitis in adults—Association of British Neurologists and British Infection Association National Guidelines. *J Infect*. 64(4):347–73
- Soni, V., Singhi, P., Saini, A.G., Malhi, P., Ratho, R.K., *et al.* 2017. Clinical Profile and Neurodevelopmental Outcome of New-onset Acute symptomatic Seizures in Children. *Seizure*. 50:130-36
- Thakur, K.T., Motta, M., Asemota, A.O., Kirsch, H.L., Benavides, D.R., *et al.* 2013. Predictors of Outcome in Acute Encephalitis. *Neurology*. 81(9):793-800
- Thompson, C., Kneen, R., Riordan, A., Kelly, D., Pollard, A.J. 2012. Encephalitis in Children *Arch Dis Child*. 97:150–61
- Uzair, M., Ibrahim, A., Zafar, F., Sultan, T. 2019. Etiology and outcomes of convulsive status epilepticus in children. *Pak J Med Sci*. 35(3):620-23
- Vasilopoulou, V.A., Karanika, M., Theodoridou, K., Katsioulis, A.T., Theodoridou, M.N., Hadjichristodoulou, C.S. 2011. Prognostic Factors Related to Sequelae in Childhood Bacterial Meningitis: Data From a Greek Meningitis Registry. *BMC Infectious Diseases*. 11:214
- Venkatesan, A., Tunkel, A.R., Bloch, K.C., Luring, A.S., Sejvar, J., *et al.* 2013. Case Definitions, Diagnostic Algorithms, and Priorities in Encephalitis: Consensus Statement of The International Encephalitis Consortium. *Clin Infect Dis*. 57(8):1114-28
- Wang, I.J., Lee, P.I., Huang, L.M., Chen, C.J, Chen, C., Lee, W.T. 2007. The Correlation Between Neurological Evaluations and Neurological Outcome in Acute Encephalitis: A Hospital-Based Study. *European Journal Paediatric Neurology*. 11: 63-69
- WHO. 2011. Neonatal seizure. Diakses pada 25 Juni 2020. https://apps.who.int/iris/bitstream/handle/10665/77756/9789241548304_eng.pdf;jsessionid=21B50110579F1E8309E8CACABE857830?sequence=1
- Wilson, M.R., Sample, H.A., Zorn, K.C., Arevalo, S., Yu, G., *et al.* 2019. Clinical Metagenomic Sequencing for Diagnosis of Meningitis and Encephalitis. *The New England journal of medicine*. 380(24): 2327–40