

DAFTAR PUSTAKA

- Adam, A.S., Pasaribu, S., Wijaya, H., Pasaribu, A.P. 2018. Warning sign as a predictor of dengue infection severity in children. *Med J Indones*, 27(2): 33–39.
- Adane, T., Getawa, S. 2021. Coagulation abnormalities in Dengue fever infection: A systematic review and meta-analysis. *PLoS Negl Trop Dis*, 15(8):e0009666.
- Adimy, M., Mancera, P.F.A., Rodrigues, D.S., Santos, F.L.P., Ferreira, C.P. 2020. Maternal Passive Immunity and Dengue Hemorrhagic Fever in Infants. *Bull Math Biol*, 82(2). <https://doi.org/10.1007/s11538-020-00699-x>.
- Alexander, N., Balmaseda, A., Coelho, I.C.B., Dimaano, E., Hien, T.T., Hung, N.T., *et al.* 2011. Multicentre prospective study on dengue classification in four South-east Asian and three Latin American countries. *Trop Med Int Heal*, 16(8): 936–948.
- Arragain, L., Dupont-Rouzeyrol, M., O'Connor, O., Sigur, N., Grangeon, J.P., Huguen, E., *et al.* 2017. Vertical transmission of dengue virus in the peripartum period and viral kinetics in newborns and breast milk: New data. *J Pediatric Infect Dis Soc*, 6(4): 324–331.
- Azeredo, E.L., de Monteiro, R.Q., de-Oliveira Pinto, L.M. 2015. Thrombocytopenia in Dengue: Interrelationship between Virus and the Imbalance between Coagulation and Fibrinolysis and Inflammatory Mediators. *Mediators of Inflammation*, 1–16.
- Baiduri, S., Husada, D., Puspitasari, D., Kartina, L., Basuki, P.S., Ismoedijanto, I. 2020. Prognostic Factors of Severe Dengue Infections in Children. *Indones J Trop Infect Dis*, 8(1): 44.
- Brasier, A.R., Ju, H., Garcia, J., Spratt, H.M., Victor, S.S., Forshey, B.M., *et al.* 2012. A three-component biomarker panel for prediction of dengue hemorrhagic fever. *Am J Trop Med Hyg*, 86(2): 341–348.
- Cahill, M.E., Conley, S., DeWan, A.T., Montgomery, R.R. 2018. Identification of genetic variants associated with dengue or West Nile virus disease: A systematic review and meta-analysis. *BMC Infect Dis*, 18(1): 1–18.
- Capeding, R.Z., Brion, J.D., Caponpon, M.M., Gibbons, R. V., Jarman, R.G., Yoon, I.K., *et al.* 2010. The incidence, characteristics, and presentation of dengue virus infections during infancy. *Am J Trop Med Hyg*, 82(2): 330–336.
- Chaturvedi, U.C., Elbishbishi, E.A., Agarwal, R., Raghupathy, R., Nagar, R., Tandon, R., *et al.* 1999. Sequential production of cytokines by dengue virus-infected human peripheral blood leukocyte cultures. *J Med Virol*. 59:335–340.
- Chaturvedi, U.C., Shrivastava, R., Tripathi, R.K., Nagar, R. 2007. Dengue virus-specific suppressor T cells: Current perspectives. *FEMS Immunol Med Microbiol*, 50(3): 285–299.
- Chau, T.N., Hieu, N.T., Anders, K.L., Wolbers, M., Lien, le B., Hieu, L.T., *et al.* 2009. Dengue virus infections and maternal antibody decay in a prospective birth cohort study of Vietnamese infants. *J Infect Dis*, 200(12):1893-900.
- Chen, Y., Maguire, T., Marks, R.M. 1996. Demonstration of binding of dengue

- virus envelope protein to target cells. *J Virol*, 70:8765–8772.
- Couvelard, A., Marianneau, P., Bedel, C., Drouet, M.T., Vachon, F., Hénin, D., *et al.* 1999. Report of a fatal case of dengue infection with hepatitis: demonstration of dengue antigens in hepatocytes and liver apoptosis. *Hum Pathol*, 30:1106–1110.
- Da Costa, V.G., Marques-Silva, A.C., Moreli, M.L. 2014. A meta-analysis of the diagnostic accuracy of two commercial NS1 antigen ELISA tests for early dengue virus detection. *PLoS One*, 9(4).
- Dash, N., Aby, R., Kumar, M., Abraham, A.M., Rose, W. 2021. Infant dengue a 10-year experience from a tertiary center in South India. *Am J Trop Med Hyg*, 105(2): 435–439.
- Devignot, S., Sapet, C., Duong, V., Bergon, A., Rihet, P., Ong, S., *et al.* 2010. Genome-wide expression profiling deciphers host responses altered during dengue shock syndrome and reveals the role of innate immunity in severe dengue. *PLoS One*, 5(7).
- Dewi, R., Tumbelaka, A.R., Sjarif, D.R. 2006. Clinical Feature of Dengue Hemorrhagic Fever and Risk Factors of Shock Event. *Paediatrica Indonesiana*, 46(5-6):144-148.
- El-Bacha, T., Midlej, V., Pereira da Silva, A.P., Silva da Costa, L., Benchimol, M., Galina, A., *et al.* 2007. Mitochondrial and bioenergetic dysfunction in human hepatic cells infected with dengue 2 virus. *Biochim Biophys Acta*, 1772:1158–1166.
- Elling, R., Henneke, P., Hatz, C., Hufnagal, M. 2013. Dengue fever in children: where are we now? *Pediatr Infect Dis J*, 32:1020-2.
- Fernando, S., Wijewickrama, A., Gomes, L., Punchihewa, C.T., Madusanka, S.D.P., Dissanayake, H., *et al.* 2016. Patterns and causes of liver involvement in acute dengue infection. *BMC Infect Dis*, 16(1): 1–9. <http://dx.doi.org/10.1186/s12879-016-1656-2>.
- Gupta, V., Yadav, T.P., Pandey, R.M., Singh, A., Gupta, M., Kanaujiya, P., *et al.* 2011. Risk factors of dengue shock syndrome in children. *J Trop Pediatr*, 57(6):451-6.
- Guzman, M.G., Harris, E. 2015. Dengue. *Lancet*, 385(9966): 453–465.
- Hadinegoro, S.R., Purwanto, S.H., Chatab, F. Dengue shock syndrome: clinical manifestations, management, and outcome – a hospital based study in Jakarta, Indonesia. *Dengue Bull*, 1999; 23: 105-6.
- Halstead, S.B., Lan, N.T., Myint, T.T., Shwe, T.N., Nisalak, A., Kalyanarooj, S., *et al.* 2002. Dengue hemorrhagic fever in infants: Research opportunities ignored. *Emerg Infect Dis*, 8(12): 1474–1479.
- Halstead, S.B., O'Rourke, E.J. 1977. Antibody-enhanced dengue virus infection in primate leukocytes. *Nature*, 265:739–741.
- Halstead, S.M. 2017. Dengue and dengue hemorrhagic fever. *Handb Zoonoses, Second Ed Sect B Viral Zoonoses*, 11(3): 89–99.
- Hammond, S.N., Balmaseda, A., Pérez, L., Tellez, Y., Saborío, S.I., Mercado, J.C., *et al.* 2005. Differences in dengue severity in infants, children, and adults in a 3-year hospital-based study in Nicaragua. *Am J Trop Med Hyg*, 73(6): 1063–1070.

- Handayani, I., Indrati, A.R., Alam, A. 2018. Profil Manifestasi Klinis dan Laboratoris Pasien Dengue Bayi yang Menjalani Rawat Inap di RSUP. DR. Hasan Sadikin Bandung. *Sari Pediatr*, 19(3): 119.
- Hang, V.T., Nguyet, N.M., Trung, D.T., Tricou, V., Yoksan, S., Dung, N.M., *et al.* 2009. Diagnostic accuracy of NS1 ELISA and lateral flow rapid tests for dengue sensitivity, specificity and relationship to viraemia and antibody responses. *PLoS Negl Trop Dis*, 3(1): 1–7.
- Hassan, J., Borhany, M., Abid, M., Zaidi, U., Fatima, N., Shamsi, T. 2020. Coagulation abnormalities in dengue and dengue haemorrhagic fever patients. *Transfusion Medicine*, 30(1):46–50.
- Hoang, L.T., Lynn, D.J., Henn, M., Birren, B.W., Lennon, N.J., Le, P.T., *et al.* 2010. The Early Whole-Blood Transcriptional Signature of Dengue Virus and Features Associated with Progression to Dengue Shock Syndrome in Vietnamese Children and Young Adults. *J Virol*, 84(24): 12982–12994.
- Horstick, O., Jaenisch, T., Martinez, E., Kroeger, A., See, L.L.C., Farrar, J., *et al.* 2014. Comparing the usefulness of the 1997 and 2009 WHO dengue case classification: A systematic literature review. *Am J Trop Med Hyg*, 91(3): 621–634.
- Huerre, M. R., Lan, N. T., Marianneau, P., Hue, N. B., Khun, H., Hung, N. T., *et al.* 2001. Liver histopathology and biological correlates in five cases of fatal dengue fever in Vietnamese children. *Virchows Archiv : an international journal of pathology*, 438(2), 107–115.
- Hung, N.T., Lei, H.Y., Lan, N.T. 2004. Dengue hemorrhagic fever in infants: a study of clinical and cytokine profiles. *J Infect Dis*, 189: 221–32.
- Husada, D., Rani, C., Puspitasari, D., Darmowandowo, W., Basuki, P.S., Ismoedijanto, I. 2016. Profil Klinik Infeksi Virus Dengue pada Bayi di Surabaya. *Sari Pediatr*, 13(6): 437.
- Huy, B.V., Toàn, N.V. 2022. Prognostic indicators associated with progresses of severe dengue. *PLoS One*, 17(1):e0262096.
- Huy, N.T., Van Giang, T., Thuy, D.H., Kikuchi, M., Hien, T.T., Zamora, J., *et al.* 2013. Factors associated with dengue shock syndrome: a systematic review and meta-analysis. *PLoS Negl Trop Dis*, 26;7(9):e2412.
- Jain, A., Chaturvedi, U.C. 2010. Dengue in infants: An overview. *FEMS Immunol Med Microbiol*, 59(2): 119–130.
- Kannan, A., Narayanan, K.S., Sasikumar, S., Philipose, J., Surendran, S.A. 2014. Coagulopathy in dengue fever patients. *Int J Res Med Sci*, 2(3):1070–2
- Katzenick, L.C., Gresh, L., Halloran, M.E., Mercado, J.C., Kuan, G., Gordon, A., *et al.* 2017. Antibody-dependent enhancement of severe dengue disease in humans. *Science (80-)*, 4: 9–15.
- Kemenkes Republik Indonesia. 2019. *Profil Kesehatan Indonesia Tahun 2019*.
- Mikhael, K., Husada, D., Lestari, P. 2022. Profile of Dengue Fever Complication in Infant at Tertiary Referral Hospital in East Java, Indonesia. *Biomol Heal Sci J*, 5(1): 11–15.
- Khor, C.C., Tran, C., Bich, N., Pang, J., Davila, S. 2012. Genome: wide association study identifies susceptibility loci for dengue shock syndrome at MICB and PLCE1. *Nat Genet*, 43(11): 1139–1141.

- <http://www.nature.com/ng/journal/v43/n11/full/ng.960.html>.
- Kuo, C.H., Tai, D.I., Chang-Chien, C.S., Lan, C.K., Chiou, S.S., Liaw, Y.F. 1992. Liver biochemical tests and dengue fever. *Am J Trop Med Hyg*, 47: 265-270.
- Lai, Y.C., Chao, C.H., Yeh, T.M. 2020. Roles of Macrophage Migration Inhibitory Factor in Dengue Pathogenesis: From Pathogenic Factor to Therapeutic Target. *Microorganisms*, 8(6), 891.
- Lee, C., Lee, H. 2019. Probable female to male sexual transmission of dengue virus infection. *Infect Dis (Auckl)*, 51(2): 150–152.
- Lee, L.K., Gan, V.C., Lee, V.J., Tan, A.S., Leo, Y.S., Lye, D.C. 2012. Clinical relevance and discriminatory value of elevated liver aminotransferase levels for dengue severity. *PLoS Negl Trop Dis*, 6(6):e1676.
- Lei, H.Y., Yeh, T.M., Liu, H.S., Lin, Y.S., Chen, S.H., Liu, C.C. 2001. Immunopathogenesis of dengue virus infection. *J Biomed Sci*, 8:377-88
- Leroy, E.M., Nkoghe, D., Ollomo, B., Nze-Nkoghe, C., Becquart, P., Grard, G., *et al.* 2009. Concurrent chikungunya and dengue virus infections during simultaneous outbreaks, Gabon, 2007. *Emerg Infect Dis*, 15(4): 591–593.
- Lin, S.F., Liu, H.W., Chang, C.S., Yen, J.H., Chen, T.P. 1989. [Hematological aspects of dengue fever]. *Gaoxiong Yi Xue Ke Xue Za Zhi*, 5(1):12-6.
- Low, J.G.H., Ong, A., Tan, L.K., Chaterji, S., Chow, A., Lim, W.Y., *et al.* 2011. The early clinical features of dengue in adults: Challenges for early clinical diagnosis. *PLoS Negl Trop Dis*, 5(5).
- Lühn, K., Simmons, C.P., Moran, E., Dung, N.T.P., Chau, T.N.B., Quyen, N.T.H., *et al.* 2007. Increased frequencies of CD4+CD25high regulatory T cells in acute dengue infection. *J Exp Med*, 204(5): 979–985.
- Marianneau, P., Steffan, A.M., Royer, C., Drouet, M.T., Jaeck, D., Kirn, A., *et al.* 1999. Infection of primary cultures of human Kupffer cells by Dengue virus: no viral progeny synthesis, but cytokine production is evident. *J Virol*, 73:5201–5206.
- Mariko, R., Hadinegoro, S.R.S. 2016. Profil Klinis, Laboratorium, dan Serologi Infeksi Virus Dengue pada Bayi. *Sari Pediatr*, 16(6): 441.
- Mustafa, M.S., Rasotgi, V., Jain, S., Gupta, V. 2015. Discovery of fifth serotype of dengue virus (denv-5): A new public health dilemma in dengue control. *Med J Armed Forces India*, 71(1): 67–70.
- Ningrum, E.F.S. 2021. Prognosis factors for dengue shock syndrome in children. *J Clin Intensive Care Med*, 6: 033-037.
- Omarjee, R., Prat, C.M., Flusin, O., Boucau, S., Tenebray, B., Merle, O., *et al.* 2014. Importance of case definition to monitor ongoing outbreak of chikungunya virus on a background of actively circulating dengue virus, St Martin, December 2013 TO January 2014. *Eurosurveillance*, 19(13): 1–3.
- Paessler, S., Walker, D.H. 2013. Pathogenesis of the viral hemorrhagic fevers. *Annu Rev Pathol Mech Dis*, 8(October): 411–440.
- Pancaroen, C., Thisyakorn, U. 2001. Dengue virus infection during infancy 1 BookReview. *Transanction R Soc Trop Med Ang Hyg*: 307–308.
- Paranavitane, S.A., Gomes, L., Kamaladasa, A., Adikari, T.N., Wickramasinghe, N., Jeewandara, C., *et al.* 2014. Dengue NS1 antigen as a marker of severe clinical disease. *BMC Infect Dis*, 14(1): 1–7.

- Phoolcharoen. W., Smith, D.R. 2004. Internalization of the dengue virus is cell cycle modulated in HepG2, but not Vero cells. *J Med Virol.* 74:434–441.
- Pone, S.M., Hökerberg, Y.H., de Oliveira Rde, V., Daumas, R.P., Pone, T.M., Pone, M.V., *et al.* 2016. Clinical and laboratory signs associated to serious dengue disease in hospitalized children. *J Pediatr (Rio J)*, 92(5):464–71.
- Pongpan, S., Wisitwong, A., Tawichasri, C., Patumanond, J. 2013. Prognostic indicators for dengue infection severity. *Int J Clin Pediatr*, 2: 12-18.
- Pothapregada, S., Kamalakannan, B., Thulasingham, M. 2015. Risk factors for shock in children with dengue fever. *Indian J Crit Care Med*, 19(11):661-4.
- Rachman, A., Rinaldi, I. 2006. Coagulopathy in dengue infection and the role of interleukin-6. *Acta Med Indones.* 38(2):105–8.
- Raihan, Hadinegoro, S.R., Tumbelaka, A.R. 2010. Prognostic factors shock in dengue hemorrhagic fever. *Sari Pediatrics*, 12: 47-52.
- Ratsitorahina, M., Harisoa, J., Ratovonjato, J., Biacabe, S., Reynes, J.M., Zeller, H., *et al.* 2008. Outbreak of dengue and chikungunya fevers, Toamasina, Madagascar, 2006. *Emerg Infect Dis*, 14(7): 1135–1137.
- Risniati, Y., Tarigan, L.H., Emiliana, Tjitra, E. 2011. Leukopenia as predictors of dengue shock syndrome in children with dengue hemorrhagic fever in RSPI. Prof. dr. Sulianti Saroso. *Health Res Dev Media*, 21: 96-102.
- Rosenberger, K. D., Phung Khanh, L., Tobian, F., Chanpheaktra, N., Kumar, V., Lum, L. C. S., *et al.* 2023. International Research Consortium on Dengue Risk Assessment, Management, and Surveillance Investigators. Early diagnostic indicators of dengue versus other febrile illnesses in Asia and Latin America (IDAMS study): a multicentre, prospective, observational study. *Lancet Glob Health*, 11(3):e361-e372.
- Roy, A., Sarkar, D., Chakraborty, S., Chaudhuri, J., Ghosh, P., Chakraborty, S. 2013. Profile of hepatic involvement by dengue virus in dengue infected children. *N Am J Med Sci*, 5(8):480-5.
- Samanta, J., Sharma, V. 2015. Dengue and its effects on liver. *World J Clin Cases*, 16;3(2):125-31.
- Sari, E.F., Syam, A.F., Nainggolan, L. 2008. Cause of Upper Gastrointestinal Tract Bleeding in Dengue Hemorrhagic Fever Patient. *Ind Jour of Gastro, Hep, and Digestive Endoscopy*, vol. 9, pp. 30-34.
- Setiati, T.E. 2004. *Faktor Hemostasis dan Kebocoran Vaskuler sebagai Faktor Diskriminan untuk Memprediksi Terjadinya Syok pada DBD*. [Disertasi]. Semarang: Universitas Diponegoro. 74.
- Seneviratne, S.L., Malavige, G.N., de Silva, H.J. Pathogenesis of liver involvement during dengue viral infections. *Trans R Soc Trop Med Hyg*, 100:608–614.
- Shan, X., Wang, X., Yuan, Q., Zheng, Y., Zhang, H., Wu, Y., *et al.* 2015. Evaluation of the diagnostic accuracy of nonstructural protein 1 Ag-based tests for dengue virus in Asian population: A meta-analysis. *BMC Infect Dis*, 15(1): 1–8. <http://dx.doi.org/10.1186/s12879-015-1088-4>.
- Simmons, C. P., Farrar, J. J., van Vinh Chau, N., Wills, B. 2012. Dengue. *New Eng Jour of Med*, 366(15): 1423–1432.
- Singh, P., Mittal, V., Rizvi, M.M.A., Chhabra, M., Sharma, P., Rawat, D.S., *et al.* 2012. The first dominant co-circulation of both dengue and chikungunya

- viruses during the post-monsoon period of 2010 in Delhi, India. *Epidemiol Infect*, 140(7): 1337–1342.
- Sirikutt, P., Kalayanaroop, S., van de Weg, C.A.M., Huits, R.M.H.G., Pannuti, C.S., Brouns, R.M., *et al.* 2018. iMedPub Journals Scoring Model to Predict Dengue Infection in the Early Phase of Illness in Primary Health Care Centre Abstract Patient characteristics. *PLoS Negl Trop Dis*, 54210130(1): 1–9.
- Soedarmo, S.S.P., Garna, H., Hadinegoro, S.R.S., Satari, H.I., Dokter, I., Indonesia, A. 2008. *Buku Ajar Infeksi & Pediatri Tropis*. II. IDAI.
- Soundravally, R., Narayanan, P., Bhat, B.V., Soundraragavan, J., Setia, S. 2010. Fulminant hepatic failure in an infant with severe dengue infection. *Indian J Pediatr*, 77(4): 435–437.
- Srichaikul. T., Nimmannitya, S. 2000. Haematology in dengue and dengue haemorrhagic fever. *Baillieres Best Pract Res Clin Haematol*, 13:261-76.
- Srivastava, V.K., Suri, S., Bhasin, A., Srivastava, L., Bharadwaj, M. 1990. An epidemic of dengue haemorrhagic fever and dengue shock syndrome in Delhi: A clinical study. *Ann Trop Paediatr*, 10(4): 329–334.
- Tan, P.C., Rajasingan, G., Devi, S., Omar, S.Z. 2008. Dengue infection in pregnancy: prevalence, vertical transmission, and pregnancy outcome. *Int J Gynecol Obstet*, 94(2): 131–132.
- Tanner, L., Schreiber, M., Low, J.G.H., Ong, A., Tolfvenstam, T., Lai, Y.L., *et al.* 2008. Decision tree algorithms predict the diagnosis and outcome of dengue fever in the early phase of illness. *PLoS Negl Trop Dis*, 2(3).
- Tantracheewathorn, T., Tantracheewathorn, S. 2007. Risk Factors of Dengue Shock Syndrome in Children. *J Med Assoc Thai*, 90(2):272-277.
- Thepparit, C., Smith, D.R. 2004. Serotype-specific entry of dengue virus into liver cells: identification of the 37-kilodalton/67-kilodalton high-affinity laminin receptor as a dengue virus serotype 1 receptor. *J Virol*, 78:12647–12656.
- Thongtan, T., Panyim, S., Smith, D.R. 2004. Apoptosis in dengue virus infected liver cell lines HepG2 and Hep3B. *J Med Virol*, 72:436–444.
- Verhagen, L.M., de Groot, R. 2014. Dengue in children. *J Infect*, 69(S1): S77–S86. <http://dx.doi.org/10.1016/j.jinf.2014.07.020>.
- Vijayaraghavan, Y.T., Weu, F., Palile, H. 2020. Predictors of Dengue Shock Syndrome: APTT Elevation as a Risk Factor in Children with Dengue Fever. *J Infect Dis Epidemiol*. 6:111
- Wieten, R.W., Vlietstra, W., Goorhuis, A., van Vugt, M., Hodiament, C.J., Leenstra, T., *et al.* 2012. Dengue in travellers: Applicability of the 1975-1997 and the 2009 WHO classification system of dengue fever. *Trop Med Int Heal*, 17(8): 1023–1030.
- Wijayaratne, L.S. 2009. Dengue hemorrhagic fever in infancy. *Sri Lanka J Child Heal*, 30(4): 94.
- Wilder-Smith, A., Ooi, E.E., Horstick, O., Wills, B. 2019. Dengue. *Lancet*, 393(10169): 350–363.
- Wills, B. A., Oragui, E. E., Stephens, A. C., Daramola, O. A., Dung, N. M., Loan, H. T., *et al.* 2002. Coagulation abnormalities in dengue hemorrhagic Fever: serial investigations in 167 Vietnamese children with Dengue shock syndrome. *Clin Infect Dis*, 35(3), 277–285.



- Witayathawornwong, P. 2001. Dengue hemorrhagic fever in infancy at petchabun hospital, Thailand. *Southeast Asian J Trop Med Public Health*, 32(3): 481–487.
- World Health Organization. 2009. Dengue: guidelines for diagnosis, treatment, prevention and control. *WHO*, 34(8): 329–330.
- World Health Organization. Regional Office for South-East Asia. 2011. *Comprehensive Guideline for Prevention and Control of Dengue and Dengue Haemorrhagic Fever. Revised and expanded edition. WHO Regional Office for South-East Asia*. <https://apps.who.int/iris/handle/10665/204894>
- World Health Organization. 2020. Dengue and Severe Dengue. *World Heal Organ*. <https://www.who.int/news-room/fact-sheets/detail/dengue-and-severe-dengue> 12 December 2020.
- World Health Organization. 2017. *Integrating Neglected tropical diseases into global health and development: fourth WHO report on neglected tropical diseases*.
- Yulianto, A., Laksono, I.S., Juffrie, M. 2016. Prognostic factors of degree severity of dengue infection. *Sari Pediatrics*. 18: 198-203.