



DAFTAR PUSTAKA

- Aamir, M., Masood, G., Aamir, W., Rasheed, A., Ejaz, A., Syed, S. 2014. Gender Difference in patients with Dengue Fever admitted in a Teaching Hospital, Lahore. 8(1): 12-15.
- Ahmad, M.G., Rozita, H., Mazrura, S., Zainudin, M.A., Hidayatulfathi, O., Faridah, M.A., Noor, A.I. 2012. Dengue Infections And Circulating Serotypes In Negeri Sembilan, Malaysia. *Malaysian Journal of Public Health Medicine* .12(1): 21-30.
- Andriyoko, B., Ida, P., Anna, T., Leni, L. 2012. Penentuan Serotipe Virus Dengue Dan Gambaran Manifestasi Klinis Serta Hematologi Rutin Pada Infeksi Virus Dengue. MKB. 44:253-260
- Arsin, A.A. 2013. Epidemiologi Demam Berdarah Dengue (DBD) di Indonesia. Masagena Press. Makassar.
- Aryati, W., Yoham, L., Tedjo, S. 2012. Distribusi serotipe dengue di Surabaya tahun 2012. *Indonesian journal of clinical pathology and medical laboratory* . 19: 41-44.
- Balmaseda, A., G. Hammond, S.N., Perez, L., Tellez, Y., Saborio, S.I., Mercado, J.C., Cuadra, R., Rocha, J., Angeles, M., Silva, S., Harris, E. 2006. Serotype specific differences in clinical manifestations of dengue. *American Society of Tropical Medicine and Hygiene*. 74(3) : 449-456
- Bharaj, P., Chahar, H.S., Pandey, A., Diddi, K., Dar, L., Guleria, R., Kabra, S.K., Broor, S. 2008. Concurrent infections by all four dengue virus serotypes during an outbreak of dengue in 2006 in Delhi, India. *Virology Journal*. 5: 1-12.
- Bhatia, R ., Dash, A.P ., Sunyoto, T. 2013. Changing epidemiology of dengue in South-East Asia . *WHO South-East Asia Journal of Public Health*. 2(1): 23-27.
- Candra, A. 2010. Demam Berdarah Dengue: Epidemiologi, Patogenesis dan Faktor Resiko Penularan. Aspirator. 2(2): 110-9.
- Carman, W.F., Wallace, L.A., Walker, J., McIntyre, S., Noone, A., Christie, P., Millar, J., Douglas, D.J. 2000. Rapid virological surveillance of community influenza infection in general practice. *BMJ*. 321:736-737
- Chaturvedi, U.C., Agarwal, R., Elbishbishi, E.A., Mustafa, A.S. 2000. Cytokine Cascade in Dengue Hemorrhagic Fever: Implications for Pathogenesis. *FEMS Immunology and Medical Microbiology*. (28): 183-88.



- Chuansumrit, A., Tangnararatchakit, K. 2006. Pathophysiology and management of dengue hemorrhagic fever. Transfusion alternatives in transfusion medicine. *Journal Compilation*, 8: 3-11.
- Cordeiro, M.T., Ana, M.S., Carlos, A.A.B., Eduardo, J.M.N., Maria,C.F. 2007. Characterization of a Dengue Patient Cohort in Recife, Brazil. *Am. J. Trop. Med. Hyg.* 77(6) : 1128–1134.
- Corwin, A.L., Larasati, R.P., Bangs, M.J. 2001. Epidemic dengue transmission in southern Sumatra, Indonesia. *Trans R Soc Trop Med Hyg*; 95: 257–265.
- Departemen Kesehatan RI., 2007. *Demam Berdarah Dengue*. Jakarta: Depkes RI.
- Departemen Kesehatan RI., 2013. *Demam Berdarah Dengue*. Jakarta: Depkes RI.
- Dinas Kesehatan Yogyakarta., 2015. Profil Kesehatan 2014 Provinsi Daerah Istimewa Yogyakarta. Yogyakarta: Dinas Kesehatan Yogyakarta.
- Domingo, C., Palacios, G., Niedrig, M., Cabrerizo, M., Jabado, O., Reyes, N. 2004. A new tool for the diagnosis and molecular surveillance of dengue infections in clinical samples. *Dengue Bull.* 28:87–95.
- Fried, J.R., Gibbons, R.V., Kalayanarooj, S., Thomas, S.J., Srikiatkachorn, A., Yoon, I.K., 2010. Serotype-specific differences in the risk of dengue hemorrhagic fever: an analysis of data collected in Bangkok, Thailand from 1994 to 2006. *PLoS Negl Trop Dis.* 4(3):617.
- Fu, J., Tan, B.H., Yap, E.H., Chan, Y.C., Tan, Y.H., 1992. Full-length cDNA sequence of dengue type 1 virus (Singapore strain S275/90). *Virology Journal*. 188:953–958.
- Gandasoebrata, R. 2004. Penuntun Laboratorium Klinik. 11th edition. Jakarta: Dian Rakyat pp: 39-40.
- Gatot. 2000. Perubahan hematologi pada infeksi dengue. Dalam: Hadinegoro SRH, Satari HI, editors. Demam berdarah dengue. 1st edition. Jakarta: Balai Penerbit FKUI. pp: 44-54.
- Gibbs, R.A., 1990. DNA amplification by the polymerase chain reaction. *Anal Chem.* 62:1202-1214.
- Gubler, P., Rigau-Pérez, J.G., Clark, G.G., Reiter, D.J., Sanders, E.J., Vorndam, A.V. 1998. Dengue and dengue haemorrhagic fever. *Lancet*. 352: 971–977.



Guzman,M.G., Kouri, G., 2003. Dengue and dengue hemorrhagic fever in the Americas: lessons and challenges. *J Clin Virol.* 27: 1–13.

Hadinegoro, S.R.H., Soegijanto, S., Wuryadi, S., Suroso, T., 2006. Tatalaksana Demam Berdarah Dengue di Indonesia. Jakarta: Direktorat Jenderal Pengendalian Penyakit dan Penyehatan Lingkungan

Halsey, E.S., Marks, M.A., Gotuzzo, E., Fiestas, V., Suarez, L., Vargas, J. 2012. Correlation of serotype-specific dengue virus infection with clinical manifestations. *PLoS Negl Trop Dis.* .6(5):16-38.

Harris, E, Roberts G, Smith L, Selle J, Kramer LD, Valle S, Sandoval E, Balmaseda A. 1998. Typing of dengue viruses in clinical specimens and mosquitoes by single-tube multiplex reverse transcriptase PCR. *Journal of Clinical Microbiology* . 36:2634–2639

Hardjoeno, U.L. 2007. *Kapita selekta hepatitis virus dan interpretasi hasil laboratorium*. Makassar: Cahya Dinan Rucitra. p: 5-14.

Henchal, E.A & Putnak, J.R., 1990. The Dengue Virus. *Clinical Microbiol Review.* 3(4): 376–396.

Hendarwanto. 1997. Dengue. Dalam: Sjaifoellah N, editor. Buku ajar penyakit dalam. Jilid I. 3rd edition. Jakarta: Balai penerbit FKUI. p: 417-26.

Hoffbrand, A.V & Pettit, J.E. 1996. Kapita Selekta Haematologi (Essential Haematology). 2nd Edition. Jakarta: EGC. p: 201-203.

Holmes, E.C. 2009. RNA virus genomics: a world of possibilities. *J Clin Invest.* 119 :9-14

Hossain, S.Z., Khan, R.F., Barua, U.K., dan Sobhan, M.J. 2011. Treatment Pattern of Acute Respiratory Tract Infection In General Practice with 3rd Generation Oral Cefixime in Bangladesh. *Bangladesh Medical Journal.* 40: 39–42.

Jameel, T., Mehmood, K., Mujtaba, G., Choudhry, N., Afzal, N., Paul, R.F. 2012. Changing haematological parameters in dengue viral infections. *K Ayub Med Coll Abbottabad.* 24(1):124-28.

Kee, J.L. 2008. Pedoman Pemeriksaan Laboratorium & Diagnostik (Edisi 6). Jakarta: EGC. p: 232.

Kementerian Kesehatan RI. 2017. Rencana Strategis Kementerian Kesehatan Tahun 2016. Jakarta.



- Kendall, L.V & Riley, L.K. 2000. Reverse transcriptase Polymerase Chain Reaction (RT-PCR). *The American Association for Laboratory Animal Science*. 39(1): 42-44.
- Khrisnamurti, C., Kalayanarooj, S., Cutting, M.A., Peat, R.A., Rothwell, S.W., Reid, T.J. 2001. Mechanism of hemorrhage in dengue without circulatory collapse. *Am J Trop Med Hyg*. 65: 840-7.
- Kinney, M., Huang, C.Y., Rose, B.C. Kroeker, A.D., Drecher, T., Patrick, I., Stein, D. 2005. Inhibition of Dengue Virus Serotype 1to 4 in Vero Cell Culture with Morpholino Oligomers. *Journal of Microbiology*. 79(8): 5116-5128.
- Kuhn, R.J., Zhang, W., Rossmann, M.G., Pletnev, S.V., Corver, J., Lenches E., Jones, C.T., Mukhopadhyay, S., Chipman, P.R., Strauss, E.G., Baker, T.S., Strauss, J.H. 2002. Structure of dengue virus: implications for flavivirus organization, maturation, and fusion. *PubMed*. 108(5): 717-25.
- Kumar, V., Kalapannavar, N.K., Basavarajappa, K.G., Chandrasekar, N.G. 2003. Episode of coexisting infections with multiple dengue virus serotypes in central Karnataka, India. *Journal of Infection and Public Health* 6(4): 302-306.
- Kuno, G., Chang, G.J., Tsuchiya, K.R., Karabatsos, N and Cropp, C.B. 1998. Phylogeny of the genus Flavivirus. *Journal Virology*. (72)1:73-83.
- Lanciotti, R.S., Calisher, C.H., Gubler, D.J., Chang, G.J & Vorndam, A.V. 1992. Rapid detection and typing of dengue viruses from clinical samples by using reverse transcriptase-polymerase chain reaction. *J Clin Microbiol*. 30(3): 545-551.
- Lee, M. 2009. Basic Skills in Interpreting Laboratory Data. 4th edition. American Society of Health-System Pharmacists. United States of America.
- Lei, H.Y., Huang, K.J., Lin, Y.S., Yeh,T.M, Liu, H.S. 2008. Immunopathogenesis Of Dengue Haemorrhagic Fever. *Am. J. Infect. Dis.* 4(1) :1-9.
- Leitmeyer, K.C., Vaughn, D.W., Watts, D.M., Salas, R., de Chacon IV, Ramos, C. 1999. Dengue virus structural differences that correlate with pathogenesis. *J Virol*. 73(6):4738-47.
- Malavigne, G.N., Gomes, L., Alles, L., Chang, T., Salimi, M., Fernando, S., Nanayakkara, K.D., Jayaratne, S., Ogg, G.S. 2013. Serum IL-10 as a marker of severe dengue infection. *BMC infectious deseases*. 13(1): 341.



- Martina, B.E., Koraka, P., Osterhaus, D. 2009. Dengue Virus Pathogenesis: an Integrated View. *Clinical Microbiology review*: 564-81.
- Matondang, A.V., Djoko, Widodo. 2004. The correlation between thrombopoietin and platelet count in adult dengue viral infection patients. *Acta Med Indonesia J Intern Med*. 36(2): 62-69.
- Mulyaningrum, U. 2010 Evaluasi uji imunositokimia untuk deteksi infeksi virus dengue pada sediaan apus darah tipis dan tebal pada penderita demam. Tesis. Universitas Gadjah Mada. Yogyakarta.
- Nasir, M. 2002. Bioteknologi Potensi dan Keberhasilannya Dalam Bidang Pertanian. PT. Raja Grafindo Persada. Jakarta.
- Pino, M.A.L., Cropp, C.B., Farfa, J.A., Vorndam, A.V., Rodri, G.A., Rosado, Paredes, P., Flores, L.F., Beaty, B.J., Gubler, D.J. 1999. Common Occurrence of Concurrent Infections By Multiple Dengue Virus Serotype. *The American society of tropical medicine and hygiene*. 61(5): 725-730.
- Poeranto, S., Sutaryo, S., Josef, H.K., Juffrie, M. 2016. A relationship between dengue virus serotype and the clinical severity in paediatric patients from Gondokusuman region, Yogyakarta between 1995 and 1999. *Pediatri Med Rodz*. 12(3): 318–325.
- Purba, J., Mulatsih, S., Nurani, N., Triyono, T. 2013. Faktor Resiko Refrakter Trombosit pada Anak. *Sari pediatri*. 15(3): 33-41.
- Pusparini. 2004. Kadar Hematokrit dan Trombosit Sebagai Indikator Diagnosis Infeksi Dengue Primer dan Sekunder. *J kedokteran Trisakti*. 3(2):51-56
- Putri, A.K. 2010. Hubungan Nilai Trombosit dan Hematokrit dengan Derajat Demam Berdarah Dengue (DBD) di RSUD DR. Pirngardi Medan Periode 1 Januari-31 Desember 2009. Skripsi. FK USU
- Qi, R.F., Zhang, L., Chi, C.W. 2008. Biological Characteristic of dengue virus and potential targets for drug design. *Acta Biochim Biophys Sin*. 40: 91-101.
- Qiagen., 2004. Omniscript reverse transcription handbook. 16 April 2004 : 32 hlm. <http://www.qiagen.com>. 30 Oktober. Pkl 17.00
- Raihan., Hadinegoro, S., Tumbelaka, A . 2010. Faktor prognosis terjadinya syok pada demam berdarah dengue . *Sari Pediatri*;12:47-52.



- Ramos, C., Sanchez, G., Pand, R.H., Paquera, J., Hernandez D., Mota, J., Flores, A., Liasausa, E. 1998. Dengue virus in the brain of a fatal case of hemorrhagicdengue fever. *J NeuroVirol.* 4: 465-468.
- Rubio Jr G.D., Torno, L.L. 2007. Association of leukocyte and thrombocyte counts as a predictor of bleeding outcomes among dengue patients. *Philippine J Microbiol Infect Dis.* 36:33-8.
- Sekaran, S.D., Lan, E.C., Mahesawarappa, K.B., Appanna, R., Subramaniam, G. 2009. Sensitivity of dengue virus NS1 detection in primary and secondary infections. *African Journal of Microbiology Research.* 3(3):105-110.
- Setiasih, N.L.E. 2009. Replikasi virus dengue pada kultur sel endotel pembuluh darah kelinci. *Buletin Veteriner Udayana* .1(1):27-34.
- Sewald, N & Jakubke, H.D. 2002. Peptides: Chemistry and Biology. Weinheim: Wiley-VCH Verlag GmbH.
- Singhi, S., Kissoon, N., Bansai, A. 2007. Dengue and dengue hemorrhagic fever: management issue in an intensive care unit. *J Pediatr (Rio J).* 83: 22-35.
- Soegijanto, S., Darmowandowo, W., Ginting, A.P., Yamanaka, A. 2010. Serotype and Clinical Performance of Dengue Virus Infection on the Year 2009. *Indonesian Journal of Tropical and Infection Disease.* 1(2):55-59.
- Subawa, A.A.N & Yasa, I.W.P.S. 2016. Pola Jumlah Trombosit Penderita Demam Berdarah Dengue (Dbd) Pada Anak-Anak Yang Petanda Serologinya Positif. Laboratorium Patologi Klinik Fakultas Kedokteran Universitas Udayana.
- Suhendro., Nainggolan, L., Chen, K., Pohan, H.T. 2009. *Demam Berdarah Dengue*. In: Sudoyo Aru W, Setiyohadi B, Alwi I, Setiati S, Simadibrata M, editors. Buku Ajar Ilmu Penyakit Dalam. Jilid III. Edisi V. Jakarta: Interna Publishing. P:2773-79.
- Suroso. T., Hadinegoro, S.R., Wuryadi, S., Sumanjuntak, G., Umar, A.I., Pitoyo, P.D. 2004. *Penyakit Demam Berdarah Dengue dan Demam Berdarah Dengue*. WHO dan Depkes. RI, Jakarta. P:3 – 58.
- Sutaryo. 2004. Dengue. Edisi 1. Medika Fakultas Kedokteran UGM. Yogyakarta.
- ThermoFisher. 2015. <https://www.thermofisher.com/id/en/home.html> (diakses tanggal : 1 Mei 2018 pukul 12:35)



- Thomas, L., Najioullah, F., Besnier, F., Valentino, R., Césaire, J.R.R., Cabié, A. 2014. Clinical presentation of dengue by serotype and year of epidemic in Martinique. *Am J Trop Med Hyg.* 91(1):138–45.
- Usavadee, T., Siriyasatien, T., Asavadachanukorn, S., Ratree, Mulla. 2006. Double infection of heteroserotype of dengue viruses in field populations of *Aedes aegypti* and *Aedes albopictus* (Diptera: Culicidae) and serological features of dengue viruses found in patients in southern Thailand. Dengue viruses in field populations of Dhf vectors. *Am J Trop Med Hyg.* 37 (3): 112-116.
- Vicente, C.R, Herbinger, K.H., Froschl,G., Romano, C.M., Cabidelle, A.S.A., Junior, C.C. 2016. Serotype influences on dengue severity : a cross-sectional study on 485 confirmed dengue cases in Victoria, Brazil. BMC Infectious Diseases. *Biomed Central.* 16: 320-329.
- Voyles, B.A., 2002. The biology of viruses. 2nd ed. McGraw-Hill. Singapore. p: 408.
- Wang, W.K., Chao, D.Y., Kao, C.L., Wu, H.C., Liu, Y.C., Li, C.M., Lin, S.C., Ho, S.T., Huang, J.H., King, C.C. 2003. High Levels of Plasma Dengue Viral Load During Defervescence in Patients with Dengue Hemorrhagic Fever: Implications for Pathogenesis. *Virology.* 305: 330 – 338.
- World Health Organization. 2011. *Comprehensive Guidelines for Prevention and Control of Dengue and Dengue Haemorrhagic Fever.* 2nd Edition. World Health Organization. Geneva.
- Yong, Y.K., Thayan, R., Chong, H.T., Sekaran, S.D. 2007. Rapid detection and serotyping of dengue virus by multiplex RT-PCR and real time SYBR green RT-PCR. *Singapore Med. J.* 48(7) : 662-68.
- Yung, C.F., Lee, K.S., Thein, T.L., Tan, L.K., Gan, V.C., Wong, J.G.X., Lye, D.c., Leo, Y.S., 2015. Dengue serotype specific differences in clinical manifestation, laboratory parameters and risk of severe disease in adults, Singapore. *Journal of Tropical Medicine Hygiene.* 92(5) : 999-1005.
- Yuwono, T. 2006. *Teori dan Aplikasi Polymerase Chain Reaction.* Penerbit ANDI : Yogyakarta.
- Zhang, M., Xiaoui, P., Dayton, A.I., 2004. Development of dengue virus type 2 replicons capable of prolonged expression in host cells. *Jurnal of BMC Microbiology.* 18: 1471-2180.