DAFTAR PUSTAKA

Advani,S., Agarwal,S., Verma,J., 2011. Haemogram profile of dengue fever in adults during 19 September – 12 November 2008: A Study of 40 Cases from Delhi. *Dengue Buletin;*35(12):71-75

Azeredo, E., Monteiro, R., de-Oliveira-Pinto, L. 2015. Thrombocytopenia in dengue: interrelationship between virus and the imbalance between coagulation and fibrinolysis and inflammatory fediators. *Mediators of Inflammation;* 2015:1-16.

Bashir, A.B., Saeed, O.K., Mohammed, B.A., Ageep, A.K. 2015. Role of platelet indices in patients with dengue infection in Red Sea State, Sudan. *Int J of Science and Research;* 4(1):1573-1576.

Basu, A., Jain, P., Gangodkar, S., Shetty, S. and Ghosh, K. 2008. Dengue 2 virus inhibits in vitro megakaryocytic colony formation and induces apoptosis in thrombopoietin-inducible megakaryocytic differentiation from cord blood CD34+ cells. *FEMS Immunology & Medical Microbiology;* 53(1):46-51.

Beyan, C., Kaptan, K., Irfan, A. 2006. Platelet Count, Mean Platelet Volume, Platelet Distribution Width and Platelet Aggregation Responses in Healthy Volunteers. *J Thromb Thrombolysis;* 22:161-164.

Borkataky, S., Jain, R., Gupta, R., Singh, S., Krishan, G., Gupta, K., and Kudesia, M., 2009. Role of platelet volume indices in the differential diagnosis of thrombocytopenia: a simple and inexpensive method. *Hematology;* 14(3):182-186.

Brown, R.D. 1988. Hematology - a review of the last decade. *Aust J Med Lab Sci*. 9:35-41.

Buchy F et al., Laboratory tests for the diagnosis of dengue virus infection. Geneva, TDR/Scientific Working Group, 2006. TDR/SWG/08

CDC . 2012 . Laboratory Guidance and Diagnostic Testing . [Online] Available at: http://www.cdc.gov/dengue/clinicalLab/laboratory.html [Accessed: 19th June 2015]

Chang, C.J., Luh, H.W., Wang, S.H., Lin, H.J., Lee, S.C., Hu, S.T. 2001. The heterogeneous nuclear ribonucleoprotein K (hnRNP K) interacts with dengue virus core protein. *DNA and Cell Biology;* 20(9):569-577

Chang, Y., Bluteau, D., Debili, N., Vainchenker, W. 2007 From hematopoietic stem cells to platelets. *J Thromb Haemost;* 1(s1):318–27.

Chaturvedi, U.C., Elbishbishi, E.A., Agarwal, R. 2001. Cytotoxic factor autoantibodies: possible role in the pathogenesis of dengue haemorrhagic fever. *FEMS Immunol Med Microbiol;*30:181–6

Control of Dengue and Dengue Haemorrhagic Fever. India: World Health Organization.

Crill, W.D., Chang, G.J.J. 2004. Localization and characterization of flavivirus envelope glycoprotein cross reactive epitopes. *Journal of Virology*. 78(24):13975–13986.

Dardjito, E., Yuniarno, S., Wibowo, C., Saprasetya, D.L.A., Dwiyanti, H. 2008. Beberapa faktor risiko yang berpengaruh terhadap kejadian penyakit demam berdarah dengue (DBD) di Kabupaten Banyumas. *Media Penelitian dan Pengembangan Kesehatan*, *18*(3):126-136.

Da-Rocha-Queiroz-Lima, M., Nogueira, R.M.R., Schatzmayr, H.G., de Filippis, A.M.B., Limonta, D., Dos Santos, F.B. 2011. A new approach to dengue fatal cases diagnosis: NS1 antigen capture in tissues. *PLoS Neglected Tropical Diseases*. 5(5):e1147.

Egloff, M.P., Benarroch, D., Selisko, B., Romette, J.L., Canard, B. 2002. An RNA cap (nucleoside-2□-O-)-methyltransferase in the flavivirus RNA polymerase NS5: crystal structure and functional characterization. *The EMBO Journal*. 21(11):2757-2768.

Erbel, P., Schiering, N., D'Arcy, A. 2006. Structural basis for the activation of flaviviral NS3 proteases from dengue and West Nile virus. *Nature Structural and Molecular Biology*. 13(4): 372–373.

Farias, M. G., Schunck, E. G., Dal-Bó, S., de Castro, S. M. 2010. Definition of reference ranges for the platelet distribution width (PDW): a local need.

Clinical Chemistry and Laboratory Medicine. 48(2):255-257.

Funahara, Y., Sumarmo, and Wirawan, R. 1983. Features of DIC in dengue hemorrhagic fever. *Bibliotheca Haematologica*. 49: 201–211.

Geiss, B.J., Stahla, H., Hannah, A.M., Gari, H.H., Keenan, S.M. 2009. Focus on flaviviruses : current and future drug targets. *Future Medicinal Chemistry*. 1(2):327-344.

Ghosh, K., Gangodkar, S., Jain, P., Shetty, S., Ramjee, S., Pokar, P., Basu, A. 2008. Imaging the interaction between dengue 2 virus and human blood platelets using atomic force and electron microscopy. *J Electron Microsc*. 57: 113–8.

Ghoshal, K., Bhattacharyya, M. 2014. Overview of Platelet Physiology: Its Hemostatic and Nonhemostatic Role in Disease Pathogenesis. *The Scientific World Journal*; Vol 2014: 1-6

Goto, S. 2008. Blood constitution: Platelet aggregation, bleeding, and involvement of leukocytes. *Rev Neurol Dis*; **5**(Suppl1): S22–S27

Green, S., Rothman, A. 2006 . Immunopathological mechanisms in dengue and dengue hemorrhagic fever. *Current Opinion in Infectious Diseases*. 19(5):429–436.

Guclu, E., Durmaz, Y., and Karabay, O. (2013). Effect of severe sepsis on platelet count and their indices. African Health Sciences, 13(2): 333–338.

Guzman, A. and Istúriz, R. 2010. Update on the global spread of dengue. *International Journal of Antimicrobial Agents*. 36:S40-S42.

Guzman, M.G., Kouri, G. 2004. Dengue diagnosis, advances and challenges. *International Journal of Infectious Diseases*. 8:69–80.

Guzman, M.G., Rosario, D., Kouri, G. In: Kalitzky M and Borowski P, eds. Diagnosis of dengue virus infection. Molecular Biology of the flaviviruses. *Horizon Bioscience*, UK, 2009.

Halasa,Y.A., Dogra,V., Arora, N., Tyagi, B.K., Nandan, D., Shepard, D.S. 2011. Overcoming data limitation: design of multi component study for estimating the economic burden of dengue in india. *Dengue Buletin*. 35(12): 1-14.

Hammond, S. N., Balmaseda, A., Perez, L., Tellez, Y., Saborío, S. I., Mercado, J. C., and Harris, E. 2005. Differences in dengue severity in infants, children, and adults in a 3-year hospital-based study in Nicaragua. *The American journal of tropical medicine and hygiene*. 73(6):1063-1070.

Hastuti, O., 2008. *Penyakit dan Cara Pencegahannya: Demam Berdarah Dengue*, Ed.5, Yogyakarta: Kanisius.

Ho, L.J., Wang, J.J., Shaio, M.F. 2001. Infection of human dendritic cells by dengue virus causes cell maturation and cytokine production. *J Immunol;*166:1499–506.

Hoffbrand, A.V., Pettit., J.E., Mos, P.A.H. 2001. *Essential Haematology*, 4th ed. Oxford: Blackwell Publishing

Hottz, E., Tolley, N.D., Zimmerman, G.A., Weyrich, A.S., Bozza, F.A. 2011. Platelets in dengue infection. *Drug Discovery Today: Disease Mechanisms, haematology;* 8(1–2):e33–38

Hottz, E.D., Oliveira, M.F., Nunes, P.C., Nogueira, R.M.R., Valls-de-Souza, R., Da-Poian, A.T., Bozza, F.A. 2013. Dengue induces platelet activation, mitochondrial dysfunction and cell death through mechanisms that involve DC-SIGN and caspases. *Journal of Thrombosis and Haemostasis*. *11*(5):951–962.

Huang, Y.H., Lei, H.Y., Liu, H.S. 2000. Dengue virus infects human endothelial cells and induces IL-6 and IL-8 production. *Am J Trop Med Hyg;* 63:71–5.

Jayashree, K., Manasa, G., Pallavi, P., Manjunath, G. 2011. Evaluation of Platelets as Predictive Parameters in Dengue Fever. *Indian J Hematol Blood Transfus.* 27(3):127-130.

Jindal, S., Gupta, S., Gupta, R., Kakkar, A., Singh, H.V., Gupta, K., Singh, S. 2011. Platelet indices in diabetes mellitus.: indicators of diabetic microvascular complications. Hematology. 16(2):86-89.

Jones, M., Davidson, A., Hibbert, L. et al. 2005.Dengue virus inhibits alpha interferon signaling by reducing STAT2 expression. *Journal of Virology*. 79(9):5414–5420.

Kaniawati, M. 1996. Panel pemeriksaan laboratorik untuk demam. *Forum Diagnosticum*, 4

Kassim, F.M., Izati, M. N., TgRogayah, T., Apandi, Y.M., Saat, Z. 2011. Use of dengue NS1 antigen for early diagnosis of dengue virus infection. *Southeast Asian Journal of Tropical Medicine and Public Health*. 42(3);562–569.

Kemenkes Dirjen P2PL. 2011. *Modul Pengendalian Demam Berdarah Dengue*. Jakarta: Kemenkes

King, C.A., Marshall, J.S., Alshurafa, H. 2000. Release of vasoactive cytokines by antibody-enhanced dengue virus infection of a human mast cell/basophilline. *J Virol.*; 74:7146–50.

Koraka, P. Suharti, C., Setiati, T.E. 2001. Kinetics of dengue virus-specific serum immunoglobulin classes and subclasses correlate with clinical outcome of infection. *J Clin Microbiol;*39:4332–8.

Krishnamurti, C., Kalayanarooj, S. Cutting, M.A., Peat, R.A., Rothwell, S.W., Reid, T.J., Innis, B.L. 2001. Mechanisms of hemorrhage in dengue without circulatory collapse. *The American journal of tropical medicine and hygiene*. 65(6):840-847.

Krleža, J. L., Nakić, M., Giljević, J. S., Huzjak, N., & Žižić, V. 2003. Platelet Count and Platelet Parameters After Transfusion Therapy in Thrombocitosis and Thrombocytopenia. In *15th IFCC-FESCC European Congress of Clinical Chemistry and Laboratory Medicine*. Hrvatska znanstvena bibliografija i MZOS-Svibor.

Kulkarni, M.L., and Kumar, S. 2011. Involvement of the Central Nervous System in Dengue Fever and Iths Outcome. *Dengue Buletin*, 35(12): 52-27.

La Russa, V.F., Innis, B.L. 1995. Mechanisms of dengue virus-induced bone marrow suppression. *Baillieres Clin Haematol* 8: 249–70.

Lapphra, K., Sangcharaswichai, A., Chokephaibulkit, K., Tiengrim, S., Piriyakarnsakul, W., Chakorn, T., *et al*. Evaluation of an NS1 antigen detection for diagnosis of acute dengue infection in patients with acute febrile illness. *Diagn Microbiol Infect Dis* 2008;60:387-91.

Leung, D., Schroder, K., White, H. 2001. Activity of recombinant dengue 2 virus NS3 protease in the presence of atruncated NS2B co-factor, small peptide substrates, and inhibitors. *Journal of Biological Chemistry*. 276(49):45762-45771.

Li, H., Clum, S., You, S., Ebner, K. E., Padmanabhan, R. 1999. The serine protease and RNA-stimulated nucleoside triphosphatase and RNA helicase functional domains of dengue virus type 2 NS3 converge within a region of 20 amino acids. *Journal of Virology*. 73(4):3108-3116.

Libraty, D.H., Pichyangkul, S., Ajariyakhajorn, C. 2001. Human dendritic cells are activated by dengue virus infection: enhancement by gamma interferon and implications for disease pathogenesis. *J Virol*; 75:3501-8.

Libraty, D.H., Young, P.R., Pickering, D. 2002. High circulating levels of the dengue virus nonstructural protein NS1 early in dengue illness correlate with the development of dengue hemorrhagic fever. *J Infect Dis*; 186:1165-8.

Lin, C. F., Wan, S. W., Cheng, H. J., Lei, H. Y., and Lin, Y. S., (2006). Autoimmune pathogenesis in dengue virus infection. *Viral Immunology*, 19(2):127-132.

Lin, C.F., Lei, H.Y., Shiau, A.L. 2002. Endothelial cell apoptosis induced by antibodies against dengue virus nonstructural protein 1 via production of nitric oxide. *J Immunol;*169:657-64

Lin, C.F., Wan, S.W., Cheng, H.J., Lei, H.Y., Lin, Y.S. 2006. Autoimmune pathogenesis in dengue virus infection. *Viral Immunol;* 19: 127-32.

Liu, R., Gao, F., Huo, J., Yi, Q. 2011. Study on the relationship between mean platelet volume and platelet distribution width with coronary artery lesion in children with Kawasaki disease. Platelet; 23(1):11-16

Lokwani, D.P. 2013. *The ABC of CBC: Interpretation of Complete Blood Count and Histograms*. New Delhi : Jaypee Brothers Medical Publisher (P) Ltd.

Malavige, G.N., Fernando, S., Fernando, D.J., Seneviratne, S.L. 2004. Dengue vireal infections. *Postgrad Med J;* 80: 588-601.

Mazzon, M., Jones, M., Davidson, A., Chain, B., Jacobs, M. 2009 . Dengue virus ns5 inhibits interferon-a signaling by blocking signal transducer and activator of transcription 2 phosphorylation. *Journal of Infectious Diseases;* 200(8):1261–1270.

Modis, Y., Ogata, S., Clements, D., and Harrison, S. C. 2004. Structure of the dengue virus envelope protein after membrane fusion. *Nature;* 427(6972): 313–319.

Munoz-Jordan, J. L., Sanchez-Burgos, G. G., Laurent-Rolle, M., Garcia-Sastre, A. 2003. Inhibition of interferon signaling by dengue virus. *Proceedings of the National Academy of Sciences of the United States of America;* 100(24):14333–14338.

Murgue, B., Cassar, O., Guigon, M., and Chungue, E., 1997. Dengue virus inhibits human hematopoietic progenitor growth in vitro. *Journal of Infectious Diseases.;* 175(6):1497–1501.

Nakao, S., Lai, C.J., and Young, N.S. 1989. Dengue virus, a flavivirus, propagates in human bone marrow progenitors and hematopoietic cell lines. *Blood;* 74(4):1235–1240.

Nishimura, S., Nagasaki, M., Kunishima, S., Sawaguchi, A., Sakata, A., Sakaguchi, H. 2015. IL-1α induces thrombopoiesis through megakaryocyte rupture in response to acute platelet needs. *J Cell Biol;* 209(3):453–66.

Noisakran, S., Chokephaibulkit, K., Songprakhon, P., Onlamoon, N., Hsiao, H.M., Villinger, F., Ansari, A., Perng, G.C. 2009. A re-evaluation of the mechanisms leading to dengue hemorrhagic fever. *Ann N Y Acad Sci.;* 1171: E24–35.

Peeling, Rosanna, W., et al. 2010 . Evaluation of diagnostic tests: dengue. *Nature Reviews Microbiology;* 8:S30-S37.

Pozo-Aguilar,J.O., Monroy-Martnez,V., Daz,D., Barrios-Palacios, J., Ramos,C., Ulloa-Garca,A., Garca-Pillado,J., and Ruiz-Ordaz,B.H. 2014. Evaluation of Host and Viral Factors Associated with Severe Dengue Based on the 2009 WHO Classification [Online] *Parasites and Vectors;* 7(590): 1-11. Available at:

http://www.parasitesandvectors.com/content/7/1/590 . [Accessed: 13th March 2015]

Rey, R. S., Khan, M. I., & Phansalkar, M. D. 2015. Platelet Distribution Width (PDW) in Thrombocytopenia. *Indian Medical Gazette*;169-173.

Setiawan, M. 2012. Demam berdarah dengue (DBD) dan NS1 antigen untuk deteksi dini infeksi akut virus dengue. *Jurnal Saintika Medika;* 6(12): 89-93.

Sharmin,R., Tabassum,S., Jahan,M., Nessa,A., Mamun, K.Z. 2011. Evaluation of an immunochromatographic test for early and rapid detection of dengue virus infection in the context of bangladesh. *Dengue Buletin* ;35(12):84-93.

Shepherd, S.M. 2014. Dengue. [Online] Available at: http://emedicine.medscape.com/article/215840-overview [Accessed: 12th January 2016].

Shrivastava, A., Dash, P.K., Tripathi, N.K., Sahni, A.K., Gopalan, N., Lakshmana, Rao, P.V. 2011. Evaluation of a commercial Dengue NS1 enzyme-linked immunosorbent assay for early diagnosis of dengue infection. *Indian J Med Microbiol;* 29:51-5.

Sill, P.R., Lind, T., Walker, W. 1985. Platelet values during normal pregnancy. British Journal of Obstetrics and Gynaecology; 92:480-483

Somnuke, P., Hauhart, R.E., Atkinson, J.P., Diamond, M.S., Avirutnan, P. 2011. N-linked glycosylation of dengue virus NS1 protein modulates secretion, cell-surface expression, hexamer stability, and interactions with human complement. *Virology;* 413 (2): 253–264.

Suzuki, H., Yamazaki, H., Tanoue, K. 1996. Immunocytochemical aspects of platelet membrane glycoproteins and adhesive proteins during activation. *Prog Histochem Cytochem*;30(1):1–106.

Thein, S., Aaskov, J., Myint, T.T.1993. Changes in levels of anti-dengue virus IgG subclasses in patients with disease of varying severity. *J Med Virol* ; 40:102–6.

Vagdatli, E., Gounari, E., Lazaridou, E., Katsibourlia, E., Tsikopoulou, F., Labrianou, I. 2010 . Platelet distribution width: a simple, practical and specific marker of activation of coagulation. *HIPPOKRATIA;* 14(1):28-32.

Vazquez,S., Cabezas, S., Perez, A.B., Pupo-Antunez, M., Ruiz, D., Calzada, N. 2007. Kinetics of antibodies in sera, saliva, and urine samples from adult patients with primary or secondary dengue 3 virus infections. *International Journal of Infectious Diseases;* 11(3):256–262.

Weaver, S. C., Vasilakis, N. 2009 . Molecular evolution of dengue viruses: contributions of phylogenetics to understanding the history and epidemiology of the preeminent arboviral disease. *Infection, Genetics and Evolution;* 9(4):523–540.

Wang, R., Jin, Di., Li, Y., Liang, Q. 2013. Decreased mean platelet volume and platelet distribution width are associated with mild cognitive impairment and Alzheimer's disease. *Journal of Psychiatric Research*. 47: 644-649

WHO South-East Asia Region. 2009. Dengue Guidelines for Diagnosis, Treatment, Prevention and Control. France: World Health Organization.

WHO South-East Asia Region and Western Pacific Region. 2011. *Dengue Bulletin Vol35*. New Delhi: World Health Organization

Wichmann, O., Yoon, I.K., Vong, S. , Limkittikul, K., and Gibbons, R.V. 2011. Dengue in thailand and cambodia: an assessment of the degree of underrecognized disease burden based on reported cases. PLoS Negl Trop Dis 5(3): pp.e996

Wickramasinghe, S. N., and Bain, B.J. 1986. Blood and bone marrow (Vol. 2). Churchill Livingstone.