

DAFTAR PUSTAKA

- Ageep, A.K., Elgasim, A.S. 2012. 'A correlation study between clinical manifestation of dengue fever and the degree of liver injury', *J. Microbial. Antimicrob*, vol. 4, pp. 45-8.
- Amodio, P., Montagnese, S., Gatta, A., Morgan, M. 2004, 'Characteristics of Minimal Hepatic Encephalopathy', *Metab Brain Dis*, vol. 19, no. 3-4, pp. 253-67.
- Aryati 2005, 'Nilai diagnostik dengue rapid test untuk diagnosis demam berdarah dengue', *Majalah Kedokteran Indonesia*, vol. 55, pp. 80-85.
- Bhatia, V., Bavdekar, A., Yachha, S.K. 2013, 'Management of Acute Liver Failure in Infants and Children: Consensus Statement of the Pediatric Gastroenterology Chapter, Indian Academy of Pediatrics', *Indian Pediatrics*, vol. 50, no. 5, pp. 477-482.
- Berg, J.M., Tymoczko, J.L., Stryer, L. 2006, *Biochemistry*, WH Freeman.
- Cam, B.V., Fonsmark, L., Hue, N.B., Phuong, N.T., Poulsen, A., Heegaard, E.D. 2001, 'Prospective Case-Control Study Of Encephalopathy In Children With Dengue Hemorrhagic Fever', *Am. J. Trop. Med. Hyg.*, vol. 65, no. 6, pp. 848-851.
- Cardosa, M.J., Porterfield, J.S., Gordon, S. 1983, 'Complement receptor mediates enhanced flavivirus replication in macrophages', *J. Exp. Med.*, vol. 158, pp. 258-263.
- Chatauret, N., Butterworth, R.F. 2004, 'Effects of liver failure on inter-organ trafficking of ammonia: implications for the treatment of hepatic encephalopathy', *J Gastroenterol Hepatol*, vol. 19, pp. 219-223.
- Chen, Y., Maguire, T., Marks, R.M. 1996, 'Demonstration of binding of dengue virus envelope protein to target cells', *J. Virol.*, vol. 70, pp. 8765-8772.
- Chen, Y., Maguire, T., Hileman, R.E., Fromm, J.R., Esko, J.D., Linhardt, R.J., Marks, R.M. 1997, 'Dengue virus infectivity depends on envelope protein binding to target cell heparan sulfate', *Nat. Med.*, vol. 3, pp. 866-871.
- Chhina, R.S., Goyal, O., Chhina, K.D., Goyal, P., Kumar, R., Puri, S. 2008, 'Liver function test in

- patients with dengue viral infevtion', *Dengue Bull*, vol. 32, pp. 110-17.
- Couvelard, A., Marianneau, P., Bedel, C., Drouet, M.T., Vachon, F., Henin, D., Deuble, V. 1999, 'Report of a fatal case of dengue infection with hepatitis: demonstration of dengue antigens in hepatocytes and liver apoptosis', *Hum. Pathol.*, vol. 30, pp. 1106-1110.
- Cordoba, J. 2011, 'New assessment of hepatic encephalopathy', *J Hepatol*, vol. 54, no. 5, pp. 1030-40.
- Darajat, A., Sekarwana, N., Setiabudi, D. 2008, 'Hubungan kadar aspartat aminotransferase (AST) dan alanin aminotransferase (ALT) serum dengan spektrum klinis infeksi virus dengue pada anak', *Sari Pediatri*, vol. 9, no. 5, pp. 359-62.
- Daughaday, C.C., Brandt, W.E., McCown, J.M., Russell, P.K. 1981, 'Evidence for two mechanisms of dengue virus infection of adherent human monocytes: trypsin sensitive virus receptors and trypsin-resistant immune complex receptors', *Infect. Immun.*, vol. 32, pp. 469-473.
- Direktorat Pengendalian Penyakit dan Penyehatan Lingkungan, Kemenkes RI 2011, *Modul Pengendalian Demam Berdarah Dengue*, Departemen Kesehatan RI.
- Direktorat Pengendalian Penyakit dan Penyehatan Lingkungan, Kemenkes RI 2006, *Tatalaksana Demam Berdarah Dengue di Indonesia*, Departemen Kesehatan RI.
- Dewi, B.E., Takasaki, T., Sudiro, T.M., Nelwan, R., Kurane, I. 2007, 'Elevated Levels of Soluble Tumour Necrosis Factor Receptor 1, Thrombomodulin and Soluble Endothelial Cell adhesion Molecules in Patients with Dengue Hemorrhagic Fever', *Dengue Bulletin*, vol. 31, pp. 103-110.
- Dinas Kesehatann DIY 2013, *Profil Kesehatan Daerah Istimewa Yogyakarta Tahun 2012*.
- Feldman, M., Friedman, L.S., Brandt, L.J., et al. 2010, *Sleisenger and Fordtran's Gastrointestinal and Liver Disease*, 9 edn, Saunders Elsevier, Philadelphia.
- Ferenci, P., Lockwood, A., Mullen, K., Tarter, R., Weissenborn, K., Blei, A.T. 2002, 'Hepatic encephalopathy-Definition, nomenclature, diagnosis, and quantification: Final report of the Working Party at the 11th World Congresses of Gastroenterology, Vienna, 1998', *Hepatology*, vol.

- 35, no. 3, pp. 716-21.
- Frederick, R.T. 2011, 'Current concepts in the pathophysiology and management of hepatic encephalopathy', *Gastroenterol Hepatol*, vol. 7, no. 4, pp. 222-33.
- Gagnon, S.J., Ennis, F.A., Rothman, A.L. 1999, 'Bystander target cell lysis and cytokine production by dengue virus-specific human CD4+ cytotoxic T-lymphocyte clones', *J. Virol.*, vol. 73, pp. 3623-3629.
- Gaze, D.C. 2007, 'The role of existing and novel cardiac biomarkers for cardioprotection', *Current Opinion in Investigational Drugs*, vol. 8, no. 9, pp. 711-717.
- Germi, R., Crance, J.M., Garin, D., Guimet, J., Lortat-Jacob, H., Ruigrok, R.W., Zarski, J.P., Drouet, E. 2002, 'Heparan Sulfate mediated binding of infectious Dengue virus type 2 and yellow fever virus', *Virology*, vol. 292, pp. 162-168.
- Gotthardt, D., Riediger, C., Weiss, K.H., Encke, J., Schemmer, P., Schmidt, J., et al. 2007, 'Fulminant hepatic failure: etiology and indications for liver transplantation', *Nephrol Dial Transplant*, vol. 22, no. 8, pp. 5-8.
- Haussinger, D., Schliess, F., Kircheis G. 2002, 'Pathogenesis of hepatic encephalopathy', *J Gastroenterol Hepatol*, vol. 17, no. 3, pp. 256-259.
- Hilgard, P., Stockert, R. 2000, 'Heparan sulfate proteoglycans initiate dengue virus infection of hepatocytes', *Hepatology*, vol. 32, pp. 1069-1077.
- Huang, Y.H., Lei, H.Y., Liu, H.S., Lin, Y.S., Liu, C.C., Yeh, T.M. 2001, 'Dengue virus infects human endothelial cells and induces IL-6 and IL-8 production', *Am J Tropic Med Hyg*, vol. 63, pp. 71-75.
- Huerre, M.R., Lan, N.T., Marianneau, P., Hue, N.B., Khun, H., Hung, N.T., Khen, N.T., Drouet, M.T., Huong, V.T., Ha, D.Q., Buisson, Y., Deubel, V. 2001, 'Liver histopathology and biological correlates in five cases of fatal dengue fever in Vietnamese children', *Virchows Arch.*, vol. 438, pp. 107-115.
- Itha, S., Kasyap, R., Krishnani, N., Saraswat, V.A., Choudhuri, G., Aggarwal, R. 2005, 'Profile of liver involvement in dengue virus infection', *The*

- National Medical Journal of India*, vol. 18, no. 3, pp. 127-31.
- Jagadishkumar, K., Jain, P., Manjunath, V.G., Umesh, L. 2012, 'Hepatic Involvement in Dengue Fever in Children', *Iran J Pediatr*, vol. 22, no. 2, pp. 231-236.
- Jindadamrongwech, S., Thepparit, C., Smith, D.R. 2004, 'Identification of GRP 78 (BiP) as a liver cell expressed receptor element for dengue virus serotype 2', *Arch. Virol.*, vol. 149, pp. 915-927.
- Kee, J.L. 2007, *Pedoman Pemeriksaan Laboratorium dan Diagnostik*, 6 edn, EGC, Jakarta.
- Kementrian Kesehatan Republik Indonesia 2010, *Buletin Jendela Epidemiologi: Demam Berdarah Dengue*, vol. 2, Kementrian Kesehatan RI.
- Koraka, P., Suharti, C., Setiati, C.E., Mairuhu, A.T., Van Gorp, E., Hack, C.E., et al. 2001, 'Kinetics of Dengue Virus-specific Immunoglobulin Classes and Subclasses Correlate with Clinical Outcome of Infection', *J Clin Microbio*, vol. 39, pp. 4332-4338.
- Kuo, C.H., Tai, D., Chien, C.H., Lan, C.K., Chiou, S.S., Liaw, Y.F. 1992, 'Liver biochemical test and dengue fever', *Am. J. Trop. Med. Hyg*, vol. 47, no. 3, pp. 265-70.
- 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*, vol. 6, no. 6, pp. 1676.
- Levi, M., ten Cate, H., van der Poll, T. 2002, 'Endothelium: interface between coagulation and inflammation', *Crit Care Med*, vol. 30, pp. 220-224.
- Ling, L.M., Smith, A.M., Leo, Y.S. 2007, 'Fulminan hepatitis in dengue haemorrhagic fever', *Journal of Clinical Virology*, vol. 38, pp. 265-8.
- Matsuda, T., Almasan, A., Tomita, M., Tamaki, K., Saito, M., Tadano, M., Yagita, H., Ohta, T., Mori, N. 2005, 'Dengue virus-induced apoptosis in hepatic cells is partly mediated by Apo2 ligand/tumour necrosis factor-related apoptosis-inducing ligand', *J. Gen. Virol.*, vol. 86, pp. 1055-1065.
- Marianneau, P., Megret, F., Olivier, R., Morens, D.M., Deubel, V. 1996, 'Dengue 1 virus binding to human hepatoma HepG2 and simian Vero cell surfaces differs', *J. Gen. Virol.*, vol. 77, pp. 2547-2554.

- Marianneau, P., Cardona, A., Edelman, L., Deubel, V., Despres, P. 1997, 'Dengue virus replication in human hepatoma cells activates NF-kappaB which in turn induces apoptotic cell death', *J. Virol.*, vol. 71, pp. 3244-3249.
- Navarro-Sanchez, E., Altmeyer, R., Amara, A., Schwartz, O. Fieschi, F., Virelizier, J.L., Arenzana-Seisdedos, F., Despres, P. 2003, 'Dendritic-cell-specific ICAM3-grabbing non-integrin is essential for the productive infection of human dendritic cells by mosquito-cell-derived dengue viruses', *EMBO Rep.*, vol. 4, pp. 723-728.
- Nazer, H., Nazer, D. 2014, *Pediatric Fulminant Hepatic Failure*, Medscape, viewed 7 Februari 2015, <http://emedicine.medscape.com/article/929028-overview>
- Nguyen, T.L., Nguyen, T.H., Tieu, N.T. 1997, 'The impact of dengue haemorrhagic fever on liver function', *Res. Virol*, vol. 148, no. 4, pp. 273-7.
- Norenberg, M.D., Rama Rao, K.V., Jayakumar, A.R. 2009, 'Signaling factors in the mechanism of ammonia neurotoxicity', *Metab Brain Dis*, vol. 24, no. 1, pp. 103-17.
- Parkash, O., Almas, A., Jafri, S.M.W., Hamid, S., Akhtar, J., Alishah, H. 2010, 'Severity of acute hepatitis and its outcome in patients with dengue fever in a tertiary care hospital Karachi, Pakistan (South Asia)', *BMC Gastroenterology*, vol. 10, pp. 43.
- Phoolcharoen, W., Smith, D.R. 2004, 'Internalisation of the dengue virus is cell cycle modulated in HepG2, but not Vero cells', *J. Med. Virol.*, vol. 74, pp. 434-441.
- Putra, Y., Arhana, B.N.P., Safitri, I., Widiana, R. 2014, 'Serum transaminase levels and dengue shock syndrome in children', *Paediatrica Indonesiana*, vol. 54, no. 3, pp. 181-185.
- Rampengan, N.H., Karyanti, M.R., Sri Rezeki Hadinegoro, S.R. 2011, 'Ensefalopati Dengue pada Anak', *Sari Pediatri*, vol. 12, no. 6, pp. 419-25.
- Riggio, O., Ridola, L., Pasquale, C. 2010, 'Hepatic encephalopathy therapy: An overview', *World J Gastrointest Pharmacol Ther*, vol. 1, no. 2, pp. 54-63.
- Saxena, N., Bhatia, M., Joshi, Y.K. 2002, 'Electrophysiological and neuropsychological

- tests for the diagnosis of subclinical hepatic encephalopathy and prediction of overt encephalopathy', *Liver*, vol. 22, pp. 190-197.
- Seneviratne, S.L., Malvige, G.A., Silva, H. 2005. 'Pathogenesis of liver involvement during dengue viral infection', *J. trstmh*, vol. 100, pp. 1055-66.
- Shah, I. 2008, 'Dengue and liver disease', *Scand J Infect Dis*, vol. 40, no. 11-12, pp. 993-4.
- Soegijanto, S. Patogenesis dan Perubahan Patofisiologi Infeksi Virus Dengue, www.pediatrikcom/buletin/20060220-8ma2gi-buletindoc; 2002 [cited 2010]; Available from: www.pediatrikcom/buletin/20060220-8ma2gi-buletindoc.
- Sood, G.K., Conrad, S.A., Luu, L., Slabinski, M.S. 2014, *Acute Liver Failure*, Medscape, viewed 7 Februari 2015, <<http://emedicine.medscape.com/article/177354overview>>
- Souza, L.J., Alves, J.G., Nogueira, R.M., Gicovate Neto, C., Bastos, D.A., Siqueira, E.W., Souto Filho, J.T., Cezario Tde, A., Soares, C.E., Carneiro Rda, C. 2004, 'Aminotransferase changes and acute hepatitis in patients with dengue fever: analysis of 1,585 cases', *Braz J Infect Dis*, vol. 8, no. 2, pp. 156-63.
- Sowandoyo, E., editor, *Demam Berdarah Dengue pada Orang Dewasa, Gejala Klinik dan Penatalaksanaannya, Seminar Demam Berdarah Dengue di Indonesia 1998*; RS Sumberwaras. Jakarta.
- Squires, R.H. 2008, 'Acute Liver Failure in Children', *Semin Liver Dis*, vol. 28, no. 2, pp. 153-166.
- Su, H.L., Liao, C.L., Lin, Y.L. 2002, 'Japanese encephalitis virus infection initiates endoplasmic reticulum stress and an unfolded protein response', *J. Virol.*, vol. 76, pp. 4162-4171.
- Suksanpaisan, L., Smith, D.R. 2003, 'Analysis of saturation binding and saturation infection fordengue serotypes 1 and 2 in liver cells', *Intervirolgy*, vol. 46, pp. 50-55.
- Tan, S.S., Bujang, M.A. 2013, 'The clinical features and outcomes of acute liver failure associated with dengue infection in adults: a case series', *Braz J Infect Dis*, vol. 17, no. 2, pp. 164-169.
- 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.*, vol. 78, pp. 12647-12656.
- Thepparit, C., Phoolcharoen, W., Suksanpaisan, L., Smith, D.R. 2004, 'Internalisation and propagation of the dengue virus in human hepatoma (HepG2) cells', *Intervirology*, vol. 47, pp. 78-86.
- Thongtan, T., Panyim, S., Smith, D.R. 2004, 'Apoptosis in dengue virus infected live cell lines HepG2 and Hep3B', *J. Med. Virol.*, vol. 72, pp. 436-444.
- Vilstrup, H., Amodio, P., Bajaj, J., Cordoba, J., Ferenci, P., Mullen, K.D., et al. 2014, 'Hepatic encephalopathy in chronic liver disease: 2014 practice guideline by the European Association for the Study of the Liver and the American Association for the Study of Liver Diseases', *J Hepatol*, vol. 61, pp. 642-659.
- Wahid S.F., Sanusi S., Zawawi M.M., Ali R.A. 2000, 'A comparison of the pattern of liver involvement in dengue hemorrhagic fever with classic dengue fever', *Southeast Asian J Trop Med Public Health*, vol. 31, no. 2, pp. 259-63.
- Wakim, F.J. 2011, 'Hepatic encephalopathy: suspect it early in patients with cirrhosis', *Cleve Clin J Med*, vol. 78, no. 9, pp. 597-605.
- Wang et al. 2003, 'High Levels of Plasma Dengue Viral Load during Defervescence in Patients with Dengue Hemorrhagic Fever: Implications for Pathogenesis', *Virology*, vol. 305, pp. 330-338.
- Widijanti, A., Putriani, A. 2010, 'Hepatitis Akut pada Sindrom Syok Dengue', *Medicinus*, vol. 23, no. 1, pp. 21-23.
- WHO 1997, *Dengue Haemorrhagic Fever: Diagnosis, Treatment, Prevention and Control*, 2 edn, WHO.
- WHO 2000, *WHO Report on Global Surveillance of Epidemic-prone Infectious Disease*, WHO.
- WHO 2009, *Dengue Guidelines for Diagnosis, Treatment, Prevention and Control*, WHO.
- WHO 2011, *Comprehensive guidelines for prevention and control of dengue and dengue haemorrhagic fever*, WHO.
- Zhan, T., Stremmel, W. 2012, 'The diagnosis and treatment of minimal hepatic encephalopathy', *Dtsch Arztebl Int*, vol. 109, no. 10, pp. 180-7.