

DAFTAR PUSTAKA

- Alaqaili H. I., A. I. Al-Juraysan, R. M. A. Hawsawi, F. A. Abuzaid, M. A. Alharbi, A. E. A. Mughallis, *et al.*, 2017. Review on Liver Cirrhosis Complications and Treatment. *The Egyptian Journal of Hospital Medicine*. Vol 69 (8) : 3092 – 3103.
- Aleya, dan K. N. Berawi. 2015. Korelasi Pemeriksaan Laboratorium SGOT/SGPT dengan Kadar Bilirubin pada Pasien Hepatitis C di Ruang Penyakit Dalam RSUD Dr. H. Abdul Moeloek Provinsi Lampung pada Bulan Januari – Desember 2014. *Majority*. Vol 4 (9) : 135 – 139.
- Artini I. G. A., I. G. N. B. Artana, I. G. M. Aman, dan A. N. Mahendra. 2017. CYP2E1 Genotype and Transaminase Level of Tuberculosis Patients Receiving Fixed Dose Combination of Antituberculosis. *Bali Medical Journal*. Vol 3 (3) : S70 – S74.
- Asrani, S. K., H. Devarbhavi, J. Eaton, dan P. S. Kamath. 2019. Burden of Liver Diseases in The World. *Journal of Hepatology*. Vol 70 : 151 – 171.
- Buzzetti, E., P. M. Parikh, A. Gerussi, dan E. Tsochatzis. 2017. Gender Differences in Liver Diseases and The Drug-Dose Gender Gap. *Pharmacological Research*. DOI : 10.1016/j.phrs.2017.03.014. 97 – 108.
- Chen J., S. Jiang, J. Wang, J. Renukuntla, S. Sirimulla, dan J. Chen. 2019. A Comprehensive Review of Cytochrome P4250 2E1 for Xenobiotic Metabolism. *Drug Metabolism Reviews*. DOI: 10.1080/03602532.2019.1632889.
- Couto, N., Z. M. Al-Majdoub, B. Achour, P. C. Wright. A. Rostami-Hodjegan, dan J. Barber. 2019. Quantification of Proteins Involved in Drug Metabolism and Disposition in The Human Liver Using Label-Free Global Proteinomics. *Molecular Pharmaceutics*. Vol 2019 (16) : 632 – 647.
- Darnindro, N. A. Manurung, E. Mulyana, dan A. Harahap. 2021. Clinical Characteristics of Liver Cirrhosis Patients in Internal Medicine Inpatient Ward of Fatmawati General Hospital and Factors Affecting Mortality During Hospitalization. *The Indonesian Journal of Gastroenterology, Hepatology, and Digestive Endoscopy*. Vol 22 (1) : 1 – 8.
- Deka, M., M. Bose, B. Baruah, P. D. Bose, S. Medhi, S. Bose, *et al.*, 2010. Role of CYP2E1 Gene Polymorphisms Association with Hepatitis Risk in Northeast India. *World Journal of Gastroenterology*. Vol 16 (38) : 4800 – 4808.
- Feldman, M., L.S. Friedman, dan L. J. Brandt (Eds). 2016. *Sleisenger and Fordtrans's Gastrointestinal and Liver Disease*. Elsevier Saunders.

Philadelphia.

- Fu P., F. Yang, B. Li, B. Zhang, L. Guan, J. Sheng, *et al.*,. 2016. Meta-Analysis of CYP2E1 Polymorphisms in Liver Carcinogenesis. *Digestive and Liver Disease*. Vol 49 (1) : 77-83.
- Garcia-Bañuelos, J., A. Panduro, D. Gordillo-Bastildas, E. Gordillo-Bastildas, J. F. Muñoz-Valle, C. M. Gurrola-Diaz, *et al.*,. 2012. Genetic Polymorphisms of Genes Coding to Alcohol-Metabolizing Enzymes in Western Mexicans : Association of CYP2E1*c2/CYP2E1*5b Allele with Cirrhosis and Liver Function. *Alcoholism : Clinical and Experimental Research*. Vol 36 (3) : 425 – 431.
- Gaviria, M. M., G. C. Arango, dan M. C. Navas. 2016. Alcohol, Cirrhosis, and Genetic Predisposition. *Revista Colombiana de Gastroenterologia*. Vol 31 (1) : 25 – 33.
- Goh, L. P. W., E. T. J. Chong, K. H. Chua, J. A. Chuah, dan P. Lee. 2014. Significant Genotype Difference in The CYP2E1 PstI Polymorphisms of Indigenous Groups in Sabah, Malaysia with Asian and Non-Asian Populations. *Asian Pacific Journal of Cancer Preview*. Vol 15 (17) : 7377 – 7381.
- González-Regueiro, J. A., A. Ruiz-Margáin, M. Cruz-Contreras, A. M. Montaña-Duclaud, A. Cavazos-Gómez, R. Demichelis- Gómez, *et al.*,. 2020. Clinical Characteristics and Treatment Outcomes in Patients with Liver Cirrhosis and Lymphoma. *World Journal of Hepatology*. Vol 12 (2) : 34 – 45.
- Gumilas, N. S. A., I. M. Harini, D. A. Ernawati, dan V. Indriani. 2019. Kajian Marka ApoAI untuk Deteksi Dini Perkembangan Sirosis Hepatis Menuju Karsinoma Hepatoseluler. *Laporan Akhir Riset Peningkatan Kompetensi*. Fakultas Kedokteran. Universitas Jenderal Soedirman, Purwokerto. 22 hal (Tidak dipublikasikan).
- Guy, J., dan M. G. Peters. 2013. Liver Disease in Women : The Influence of Gender on Epidemiology, Natural History, and Patient Outcomes. *Gastroenterology & Hepatology*. Vol 9 (10) : 633 – 639.
- Hayashi, H., T. Beppu, K. Shirabe, Y. Maehara, dan H. Baba. 2014. Management of Thrombocytopenia Due to Liver Cirrhosis : A review. *World Journal of Gastroenterology*. Vol 20 (10) : 2595 – 2605.
- Herlida. 2015. Hubungan Skor APRI (*Aspartat Aminotransferase to Platelet Ratio Index*) dengan Derajat Keparahan Sirosis Hati di RSUD Doktor Soedarso Pontianak. *Jurnal Mahasiswa PSPD FK Universitas Tanjungpura*. Vol 3 (1) : 1 – 21.
- Izak, M., dan J. B. Bussel. 2014. Management of Thrombocytopenia. *F1000 Prime*

Reports. Vol 6 (45) : 1 – 10.

- Jain P., B. K. Tripathi, B. Gupta, B. Bhandari, dan D. Jalan. 2015. Evaluation of Aspartate Aminotransferase-to-Platelet Ratio Index as a Non-Invasive Marker for Liver Cirrhosis. *Journal of Clinical and Diagnostic Research*. Vol 9 (11) : OC22 – OC24.
- Kalista, K. F., C. R. A. Lesmana, A. S. Sulaiman., R. A. Gani, dan I. Hasan. 2019. Profil Klinis Pasien Sirosis Hati dengan Varises Esofagus yang Menjalani Ligasi Varises Esofagus di Rumah Sakir Dr. Cipto Mangunkusumo. *Jurnal Penyakit Dalam Indonesia*. Vol 6 (1) : 36 – 41.
- Kanda, T., T. Goto, Y. Hirotsu, M. Moriyama, dan M. Omata. 2019. Molecular Mechanisms Driving Progression of Liver Cirrhosis towards Hepatocellular Carcinoma in Chronic Hepatitis B and C Infections : A Review. *International Journal of Molecular Sciences*. Vol 20 : 1 – 24.
- Kang, J. S., dan M. H. Lee. 2017. Noninvasive Diagnostic and Prognostic Assessment Tools for Liver Fibrosis and Cirrhosis in Patients with Chronic Liver Disease. Dalam *Liver Cirrhosis – Update and Current Challenges*. Editor Georgios Tsoulfas. InTech Open.
- Khan, A. J., M. Ruwali, G. Choudhuri, N. Mathur, Q. Husain, dan D. Parmar. 2009. Polymorphism in Cytochrome P450 2E1 and Interaction with Other Genetic Risk Factors and Susceptibility to Alcoholic Liver Cirrhosis. *Mutation Research*. Vol 664 (2009) : 55 – 63.
- Khan, A. J., Q. Husain, G. Choudhuri, D. Parmar. 2010. Association of Polymorphism in Alcohol Dehydrogenase and Interaction with Other Genetic Risk Factors with Alcoholic Liver Chirrosis. *Drug and Alcohol Dependence*. Vol 109 (2010) : 190 – 197.
- Kurokawa, T., dan N. Ohkohchi. 2017. Platelets in Liver Disease, Cancer, and Regeneration. *World Journal of Gastroenterology*. Vol 23 (18) : 3228 – 3239.
- Liu, W., F. Tian, L. Dai, dan Y. Chai. 2014. Cytochrome P450 2E1 Gene Polymorphism and Alcohol Drinking on The Risk of Hepatocellular Carcinoma : A Meta-Analysis. *Molecular Biology Reports*. Vol 2014 (41) : 7645 – 7650.
- Lovena, A., S. Miro, dan Efrida. 2017. Karakteristik Pasien Sirosis Hepatis di RSUP Dr. M. Djamil Padang. *Jurnal Kesehatan Andalas*. Vol 6 (1) : 5 – 12.
- Mao, W., Q. Sun, J. Fan, S. Lin, dan B. Ye. 2016. AST to Platelet Ratio Index Predicts Mortality in Hospitalized Patients with Hepatitis B-Related Decompensated Cirrhosis. *Medicine*. Vol 95 (9) : 1 – 6.
- Mathur, A., S. Samaranayake, N. P. F. Storrar, dan M. A. Vickers. 2019.

- Investigating Thrombocytosis. *British Medical Journal*. Vol 2019 (366) : 1 – 6.
- Maulidia, V. N. R., P. Wardhani, dan B. Setyoboedi. 2020. AST, ALT and Albumin Level in Chronic Hepatitis B Patients with and without Complications of Cirrhosis and Hepatocellular Carcinoma. *Indonesian Journal of Clinical Pathology and Medical Laboratory*. Vol 26 (3) : 250 – 349.
- Mitchell, O., D. M. Feldman, M. Diakow, dan S. H. Sigal. 2016. The Pathophysiology of Thrombocytopenia in Chronic Liver Disease. *Hepatic Medicine : Evidence and Research*. Vol 2016 (8) : 39 – 50.
- Moore, A. H. 2019. Thrombocytopenia in Cirrhosis : A Review of Pathophysiology and Management Options. *Clinical Liver Disease*. Vol 14 (5) : 183 – 186.
- Muir, A. J. 2015. Understanding The Complexities of Cirrhosis. *Clinical Therapeutics*. Vol 3 (3) : 1 – 15.
- Muljono, D. H. 2017. Epidemiology of Hepatitis B and C in Republic of Indonesia. *Euroasian Journal of Hepato-Gastroenterology*. Vol 7 (1) : 55 – 59.
- Ndrepepa, G. 2021. Aspartate Aminotransferase and Cardiovascular Disease – A Narrative Review. *Journal of Laboratory and Precision Medicine*. Vol 6 (January 2021) : 1 – 17.
- Nishikawa, H., dan Y. Osaki. 2013. Clinical Significance of Occult Hepatitis B Infection in Progression of Liver Disease and Carcinogenesis. *Journal of Cancer*. Vol 4 : 473 – 480.
- Oh, R. C., dan T. R. Hustead. 2011. Causes and Evaluation of Mildly Elevated Liver Transaminase Levels. *American Family Physician*. Vol 84 (9) : 1003 – 1008.
- Osna, N. A., T. M. Donohue, dan K. K. Kharbanda. 2017. Alcoholic Liver Disease : Pathogenesis and Current Management. *Alcohol Research : Current Reviews*. Vol 38 (2) : 147 – 161.
- Patasik, Y. Z., B. J. Waleleng, dan F. Wantania. 2015. Profil Pasien Sirosis Hati yang Dirawat Inap di RSUP Prof. Dr. R. D. Kandou Manado Periode Agustus 2012 – Agustus 2014. *Jurnal e-Clinic (eCl)*. Vol 3 (1) : 342 – 347.
- Patel, V. B., dan V. R. Preedy (Eds). 2017. *Biomarkers in Liver Disease*. Springer. Dordrecht.
- Pavlovic, N., B. Rani, P. Gerwins, dan F. Heindryckx. 2019. Platelets as Key Factors in Hepatocellular Carcinoma. *Cancers*. Vol 11 (1022) : 1 – 17.
- Prieto, J. E., S. Sánchez, R. G. Prieto, E. L. Rojas, L. González, dan F. Mendivelso. 2016. Clinical Characteristics and Decompensation in Patients with Liver Cirrhosis Treated at Two Hepatology Centers in Bogota DC from 2010 to

2014. *Rev Col Gastroenterol*. Vol 31 (1) : 1 – 8.
- Procopet, B., dan A. Berzigotti. 2017. Diagnosis of Cirrhosis and Portal Hypertension : Imaging, Non-Invasive Markers of Fibrosis and Liver Biopsy. *Gastroenterology Report*. Vol 5 (2) : 79 – 89.
- Qamar, A. A., dan N. D. Grace. 2009. Abnormal Hematological Indices in Cirrhosis. *Canadian Journal of Gastroenterology*. Vol 23 (6) : 441 – 445.
- Rosida, A. 2016. Pemeriksaan Laboratorium Penyakit Hati. *Berkala Kedokteran*. Vol 12 (1) : 123 – 131.
- Sameer, A. S., S. Nissar, Q. Qadri, S. Alam, S. M. Baba, dan M. A. Siddiqi. 2011. Role of CYP2E1 Genotypes in Susceptibility to Colorectal Cancer in Kashmiri Population. *Human Genomics*. Vol 5 (6) : 530 – 537.
- Sanyal A. J., T. D. Boyer, K. D. Lindor, dan N. A. Terrault (Eds). 2018. *Zakim and Boyer's Hepatology : A Textbook of Liver Disease*. Elsevier. Philadelphia.
- Saputri, A. M., A. R. Magdaleni, dan S. Murti. 2019. The Relationship of APRI Score (Aspartate Aminotransferase-to-Platelet Ratio Index) and Pugh Child Score. *Jurnal Ilmu Kesehatan*. Vol 7 (2) : 123 – 129
- Saragih, G. G., B. J. Waleleng, dan H. Haroen. 2016. Gambaran Gangguan Hemostasis pada Penderita Sirosis Hati yang Dirawat di RSUP Prof. Dr. R. D. Kandou Periode Agustus 2013 – Agustus 2015. *Jurnal e-Clinic (eCl)*. Vol 4 (1) : 128 – 133.
- Sarin, S. K., M. Kumar, M. Eslam, J. George, M. A. Mahtab, S. M. F. Akbar, *et al.*, 2020. Liver Diseases in The Asia-Pacific Region : A Lancet Gastroenterology & Hepatology Commission. *Lancet Gastroenterology & Hepatology*. Vol 5 : 167 – 228.
- Sastroasmoro, S., dan S. Ismael. (Eds). 2014. *Dasar-Dasar Metodologi Penelitian Klinis*. Edisi ke-5. Sagung Seto. Jakarta.
- Schuppan, D., dan N. H. Afdhal. 2008. Liver Cirrhosis. *Lancet*. Vol 371 (9615) : 838 – 851.
- Sharma, B., dan S. John. 2019. *Hepatic Cirrhosis*. StatPearls. Florida.
- Sherwood, L. 2010. *Human Physiology from Cells to Systems*. 7th Ed. Brooks/Cole Cengage Learning. Belmont.
- Siregar, G. A. 2011. Penatalaksanaan Non Bedah dari Karsinoma Hati. *Universa Medicina*. Vol 24 (1) : 35 – 42.
- Soresi M., L. Giannitrapani, M. Cervello, A. Licata, dan G. Montalto. 2014. Non Invasive Tools For The Diagnosis of Liver Cirrhosis. *World Journal of Gastroenterology*. Vol 20 (48) : 18131 – 18150.

- Sripongpun P., P. Tangkijvanich, W. Chotiyaputta, P. Charatcharoenwitthaya, R. Chaiteerakij, S. Treeprasertsuk. *et al.,.* 2019. Evaluation of Aspartate Aminotransferase to Platelet Ratio Index and Fibrosis 4 Scores for Hepatic Fibrosis Assessment Compared with Transient Elastography in Chronic Hepatitis C Patients. *Journal of Gastroenterology and Hepatology Foundation*. Vol 2019 : 1 – 6.
- Stickel, F., dan C. H. Österreicher. 2006. The Role of Genetic Polymorphisms in Alcoholic Liver Disease. *Alcohol & Alcoholism*. Vol 41 (3) : 209 – 224.
- Stroffolini T., R. Esvan, E. Biliotti, E. Sagnelli, G. B. Gaeta, dan P. L. Almasio. 2015. Gender Differences in Chronic HBsAg Carriers in Italy : Evidence for The Independent Role of Male Sex in Severity of Liver Disease. *Journal of Medical Virology*. Vol 87 : 1899 – 1903.
- Tambunan, A., Y. Mulyadi, dan M. I. Kahtan. 2013. Karakteristik Pasien Sirosis Hati di RSUD Dr. Soedarso Pontianak Periode Januari 2008 – Desember 2010. *Jurnal Mahasiswa PSPD FK Universitas Tanjungpura*. Vol 2 (1) : 1 – 19.
- Tortora, G. J., dan B. Derrickson. 2009. *Principles of Anatomy and Physiology*. John Wiley & Sons. Hoboken.
- Wang, S. M., A. P. Zhu, D. Li, Z. Wang, P. Zhang, dan G. L. Zhang. 2009. Frequencies of Genotypes and Alleles of The Functional SNPs in CYP2C19 dan CYP2E1 in Mainland Chinese Kazakh, Uygur, and Han Populations. *Journal of Human Genetics*. Vol 54 (2009) : 372 – 375.
- Whitfield, J. B., S. Masson, S. Liangpunsakul, J. Hyman, S. Mueller, G. Aithal, *et al.,.* 2018. Evaluation of Laboratory Tests for Cirrhosis and for Alcohol Use, in The Context of Alcoholic Cirrhosis. *Alcohol*. Vol 66 : 1 – 18.
- Wiegand, J., dan T. Berg. 2013. The Etiology, Diagnosis and Prevention of Liver Cirrhosis. *Deutsches Ärzteblatt International*. Vol 110 (6) : 85 – 91.
- Wong, M. C. S., J. L. W. Huang, J. George, J. Huang, C. Leung, M. Eslam, *et al.,.* 2018. The Changing Epidemiology of Liver Diseases in The Asia-Pacific Region. *Nature Reviews Gastroenterology & Hepatology*. doi:10.1038/s41575-018-0055-0 : 1 – 17.
- Yusra, Y., dan C. Agustino. 2019. Prothrombin Time, Albumin, and Fibrinogen Values of The Liver Cirrhosis Stages Based on The Aspartate Aminotransferase-To-Platelet Ratio Index. *Journal of Natural Science, Biology and Medicine*. Vol 10 : S11 - S15.
- Zeng T., F. F. Guo, C. L. Zhang, F. Y. Song, X. L. Zhao, dan K. Q. Xie. 2013. Roles of Cytochrome P450E21 Gene Polymorphisms and The Risks of Alcoholic Liver Disease : A Meta-Analysis. *Plos One*. Vol 8 (1) : 1 – 8.
- Zhou W., Q. Zhang, dan L. Qiao. 2014. Pathogenesis of Liver Cirrhosis. *World*



