

DAFTAR PUSTAKA

- Alatalo PI, Koivisto HM, Hietala JP, Puukka KS, et al. 2008. Effect of Moderate Alcohol Consumption on Liver Enzymes Increases with Increasing Body Mass Index. *Am J Clin Nutr*. 88: 1097-103
- Arndt T, Behnken L, Hackler R. 1999. Evaluation of the Cutoff for Serum Carbohydrate-deficient Transferrin as a Marker of Chronic Alcohol Abuse Determination by ChronAlco ID Assay. *J Lab Med*. 23:507-10
- Badan Pusat Statistik. 2018. *Kewarganegaraan Suku Bangsa Agama dan Bahasa Sehari-hari Penduduk Indonesia: Hasil Sensus Penduduk 2010*. Jakarta: bps
- Badan Pusat Statistik Kabupaten Biak Numfor. 2017. Data Series Subyek Kependudukan 2014-2016. <https://biaknumforkab.bps.go.id/indicator/12/29/1/jumlah-penduduk.html> [accessed 2 Oktober 2021]
- Bayraktar M, Van Thiel DH. 1997. Abnormalities of Liver Function and Injury in Thyroid Disorders. *Hepatogastroenterology*. 44: 1617-18
- Borges G., Cherpitel C.J., Mondragon L., Poznyak V., Peden M., Gutierrez I. 2004. Episodic alcohol use and risk of nonfatal injury. *Am J Epidemiol*. 159(6):565-71
- Botros M., Sikaris K.A. 2013. The De Ritis Ratio: The Test of Time. *The Clinical Biochemistry Reviews*. 34(3):117-130. PMC:3866949
- Cederbaum A.I. 2012. Alcohol Metabolism. *Clin Liver Dis* 16(4): 667-685. Doi: 10.1016/j.cld.2012.08.002
- Chapman R., Plaat F. 2009. Alcohol and anaesthesia. *Continuing Education in Anaesthesia, Critical Care & Pain*. 9(1): 10-13
- Choi Y.J., Myung S.K., Lee J.H. 2018. Light Alcohol Drinking and Risk of Cancer : A Meta-Analysis Studies. *Cancer Res Treat*, 50(2): 474-487. PMID: 28546524
- Cornia G.A., Poniccia P. 2000. *The transition mortality crisis: evidence, interpretation and policy response*. In: Cornia GA, Poniccia P: The mortality crisis in transitional economies. Oxford: Oxford University Press, hal. 4-37
- Dasgupta A. 2015. *Liver Enzymes as Alcohol Biomarkers: Alcohol and Its Biomarkers Chapter 5*. Elsevier. Hal: 121-137. DOI: <http://dx.doi.org/10.1016/B978-0-12-800339-8.00005-5>
- DeWitt R.C. 2001. *Encyclopedia of Drugs, Alcohol & Addictive Behavior* 2nd Edition Volume 1. North Carolina : McMillan Reference USA
- Edenberg H.J. 2007. The Genetics of Alcohol Metabolism : Role of Alcohol Dehydrogenase and Aldehyde Dehydrogenase Variants. *Alcohol research & health*. 30(1): 5-13
- Elmsie J. 2017. The Great Divide : West Papuan Demographics Revisited; Settlers Dominate Coastal Regions but the Highlands Still Overwhelmingly Papuan. *The Asia-Pacific Journal*. 15(2). ID:5005
- Gowda S., Desai P.B., Hull V.V., Math A.A.K., Vernekar S.N., Kulkarni S.S. 2009. A Review On Laboratory Liver Function Tests. *Pamj*. 3:17. PMID: 21532726
- Gowin J.L., Sloan M.E., Stangl B.L., Vatsalya V., Ramchandani V.A. 2017. Vulnerability for Alcohol Use Disorder is Associated with Rat of Alcohol Consumption. *Am J Psychiatry* 174(11) 1094-1101. doi:10.1176/appi.ajp.2017.16101180
- Grant J.D., Verges A., Jackson K.M., Trull T.J., Sher K.J., Buchol K.K. 2012. Age and Ethnic Differences in the Onset, Persistence and Recurrence of Alcohol Use Disorder. *Addiction* 107(4): 756-765. Doi:10.1111/j.1360-0443.2011.03721.x.
- Grant B.F., Goldstein R.B., Saha T.D., Chou S.P., Jung J., Zhang H., et al. 2015. Epidemiology of DSM-5 Alcohol Use Disorder: Results From the National Epidemiologic Survey on



- Alcohol and Related Condition III. *Jama Psychiatry* 72(8) 757-766. doi: 10.1001/jamapsychiatry.2015.0584.
- Grob C., Kraus L., Piontek D., Reis O., Zimmermann U.S. 2016. Prediction of Long-Term Outcomes in Young Adults with a History of Adolescent Alcohol-Related Hospitalization. *Alcohol and Alcoholism*, 51(1): 47-53. <https://doi.org/10.1093/alcalc/aggv072>
- Gwaltney-Brant SM. 2016. *Nutraceuticals in Hepatic Disease*. In: Nutraceuticals. London, Elsevier. Pp. 87-99
- Hannuksela ML, Liisanantti MK, Nissinen AE, Savolainen MJ. 2007. Biochemical Markers of Alcoholism. *Clin Chem Lab Med*. 45:953-61
- Hashibe M., Brennan P., Chuang S-C., Boccia S., Castellsague X., Chen C., et al. 2009. Interaction Between Tobacco and Alcohol Use and The Risk of head and neck Cancer: Pooled Analysis in the International Head and Neck Cancer. *Cancer Epidemiol Biomarkers & Prevention*. 18(2) 541-550. Doi: 10.1158/1055-9965.EPI-08-0347
- Hingson R.W., Heeren T., Winter M.R. 2006. Age at Drinking Onset and Alcohol Dependence. *Arch Pediatr Adolesc med*, 160(7): 739-746. Doi: 10.1001/archpedi.160.7.739
- Hong S.A., Peltzer K. 2018. Early Adolescent Patterns of Alcohol and Tobacco Use in Eight Association of South-East Asian Nations (ASEAN) Member States. *Subst Use Misuse* 1-9. doi: 10.1080/10826084.2018.1517797
- Hudson OD, Nunez M, Shaibi GQ. 2012. Ethnicity and Elevated Liver Transaminases Among Newly Diagnosed Children With Type 2 Diabetes. *BMC Pediatrics*.12:174. <http://www.biomedcentral.com/1471-2431/12/174>
- Kendler K.S., Myers J., Damaj M.I., Chen X. 2013. Early Smoking Onset and Risk for Subsequent Nicotine Dependence: A Monozygotic Co-twin Control Study. *American Journal of Psychiatry*. 170(4) 408-413. Doi: 10.1176/appi.ajp.2012.12030321
- Kiba N. 2005. *Enzyme in Physiological Samples*. Japan, Elsevier, pp. 536-44
- Khedmat H, Fallahian F, Abolghasemi H, Hajibeigi B, Attarchi Z, Aleddini F, et al. 2007. Serum γ -glutamyltransferase, alanine aminotransferase, and aspartate aminotransferase activity in Iranian healthy blood donor men. *World J Gastroenterol*. 13(6):889-94
- Landi MS, Kissinger JT, Campbell SA, Kenney CA, Jenkins Jr EL. 1990. The Effects of Four Type of Restraint on Serum Alanine Amino Transferase and Aspartate Aminotransferase in the Macaca fascicularis. *J Am Cokk Toxicol*. 9-517-23
- Lazore. 2016. Gubernur Papua: Tiap Tahun 22 persen Orang Papua Mati Akibat Miras. *Kabar Papua*. 2016 Jun 11 [cited 2019 Aug 15]. Available from: <http://kabarpapua.co/gubernur-papua-tiap-tahun-22-persen-orang-papua-mati-akibat-miras/>
- Lee D.H., Ha M.H., Christiani D.C. 2001. Body Weight, Alcohol Consumption and Liver Enzyme Activity – A 4 Year Follow-up Study. *International Journal of Epidemiology*, 30(4): 766-770. <https://doi.org/10.1093/ije/30.4.766>
- Liangpunsakul S., Qi R., Crabb D.W. 2010. Relationship Between Alcohol Drinking and Aspartate Aminotransferase: Alanine Aminotransferase (AST:ALT) Ratio, Mean Corpuscular Volume (MCV), Gamma-Glutamyl Transpeptidase (GGT), and Apolipoprotein A1 and B in the U.S. Population. *Journal of Studies on Alcohol and Drugs*, 71(2): 249-252 [abstract in <https://doi.org/10.15288/jsad.2010.71.249>]
- Liliweri A. 2003. *Makna Budaya dalam KAB*, Yogyakarta:LKIS
- Llerena S., Arias-Loste M.T., Puente A., Cabezas J., Crespo J., Fabregas E. 2015. Binge Drinking: Burden of Liver Disease and Beyond. *World J Hepatol*. 7(27):2703-2715



- Makela P.I.A. 1998. Alcohol-related mortality by age and sex and its impact on life expectancy. Estimates based on the Finnish death register. *Eur J Public Health*. 8(1):43–51
- Marjani A, Mehrpouya M, Pouhashem Z. 2016. Serum γ -Glutamyltransferase, Alanine Aminotransferase and Aspartate Aminotransferase Activity in Healthy Blood Donor of Different Ethnic Groups in Gorgan. *Journal of Clinical and Diagnostic Research*. 10(7):BC04-BC06. Doi: 10.7860/JCDR/2016/20919.8181
- Maxim L.D., Niebo R., Utell M.J. 2014. Screening Test : A Review With Examples. *Inhal Toxicol*. 26(13): 811-828
- McGill M.R. 2016. The Past and Present of Serum Aminotransferases and The Future of Liver Injury Biomarkers. *EXCLI*. 15:817-828. ISSN: 1611-2156
- McLeon R., Stockwell T., Stevens M., Phillips M. 1999. The relationship between alcohol consumption patterns and injury. *Addiction*. 94(11):1719– 34.
- Miking. 2013. Tradisi Papua dalam Minuman Keras (MIRAS). *Kompasiana*. Nov 23 [cited 2019 Aug 15]. Available from: <http://www.kompasiana.com/miking/551c1a95813311dd7f9de230/tradisi-papua-dalam-minuman-keras-miras>
- Mittal A., Sathian B., Kumar A., Chandrasekharan N., Yadav S.K. 2010. The Significance of Transaminases and Deritis Ratio for Predicting Alcoholic Liver Disease: A Hospital Based Comparative Study in Western Nepal. *NJE-INEA*. 1(1):33-37
- Moss H.B., Chen C.M., Yi H.Y. 2014. Early Adolescent Patterns of Alcohol, Cigarettes and Marijuana Polysubstance Use and Young Adult Substance Use Outcomes in a Nationally Representative Sample. *Drug Alcohol Depend*. 136:51-62. Doi: 10.1016/j.drugalcdep.2013.12.011
- Mravik V., Vorel F., Zabransky T. 2007. Drugs and fatal traffic accidents in the Czech Republics. *Cent Eur J Public Health*. 15(4):158-62
- Muller K. 2001. *Indonesian New Guinea West Papua*. Singapore : Periplus
- Neonbasu P.G. 2015. Antropolog: Ras Melanesia Mulai Dari Kaledonia Baru. *JUBI Papua* [Internet]. Oct 14 [cited 2019 Aug 15]. Available from: <http://www.jubi.co.id/antropolog-ras-melanesia-mulai-dari-kaledonia-baru/>
- Niemela O., Niemela M., Bloigu R., Aalto M., Laatikainen T. 2017. Where Should The Safe Limits of Alcohol Consumption Stand In Light of Liver Enzyme Abnormalities in Alcohol Consumers?. *Plos One*, 12(12) : e0188574. Doi: <https://dx.doi.org/10.1371/journal.pone.0188574>
- Nyblom H., Berggren U., Balldin J., Olsson R. 2004. High AST/ALT Ratio May Indicate Advanced Alcoholic Liver Disease Rather Than Heavy Drinking. *Alcohol and Alcoholism*, 39(4): 336-339. <https://doi.org/10.1093/alcalc/agh074>
- Oscar-Berman M., Marinkovic K. 2003. Alcoholism and The Brain: An Overview. *Alcohol Research & Health*. 27(2):125-133
- Ozer J, Ratner M, Shaw M, Bailey W, Schomaker S. 2008. The Current state of Serum Biomarkers of Hepatotoxicity. *Toxicology*. 245:194-205
- Ozer JS, Chetty R, Kenna G, Koppiker N, Karamjeet P, Li D, et al. 2010. Recommendations to Qualify Biomarker Candidates of Drug-induced Liver Injury. *Biomarkers Med*. 4(3):475-83
- Padere D.Y. 2018. Minuman Tradisional Beralkohol Khas Indonesia. *Liputan6dotcom* [Internet]. Dec 20 [cited 2019 Aug 15]. Available from: <http://www.liputan6.com/regional/read/3852254/minuman-tradisional-beralkohol-khas-indonesia>



- Park EY, Lim MK, Oh JK, Cho H, et al. 2013. Independent and Supra Additive Effects of Alcohol Consumption, Cigarette Smoking and Metabolic Syndrome on the Elevation of Serum Liver Enzyme Levels. *PLOS ONE*. 8:e63439
- Pastore A.L., Maguire K. 2006. Estimated percent distribution of U.S. resident population and persons arrested for all offenses. *Sourcebook of Criminal Justice Statistics Online*, Table 4.4.2006. Available at: <http://www.albany.edu/sourcebook/pdf/t442006.pdf> [Akses tanggal 3 Desember 2018]
- Peng S.H., Hsu S.Y., Kuo P.J., Rau C.S., Cheng Y.A., Hsieh C.H. 2016. Influence of alcohol use on mortality and expenditure during hospital admission: a cross-sectional study. *BMJ Open*. 6:e013176. doi:10.1136/bmjopen-2016-013176
- Peraturan Kepala Badan Pengawas Obat dan Makanan Republik Indonesia nomor 14 tahun 2016 tentang Standar Keamanan dan Mutu Minuman Beralkohol (Indonesia). Diakses tanggal 8 Desember 2020 dari <http://standarpangan.pom.go.id/peraturan>
- Piano M.R., Mazzuco A., Kang M., Phillips S.A. 2017. Binge Drinking Episodes in Young Adults : How Should We Measure Them in A Research Setting?. *J Stud Alcohol Drugs*, 78(4): 502-511. DOI: <https://dx.doi.org/10.15288/jsad.2017.78.502>
- Pirro V., Valente V., Oliveri P., De Bernardis A., Salomone A., Vincenti M. 2011. Chemometric Evaluation of Nine Alcohol Biomarker in A Large Population of Clinically-classified Subjects : pre-eminence of Ethyl Glucuronide Concentration in Hair for Confirmatory Classification. *Anal Bioanal Chem*, 401(7):2153-64. Doi: 10.1007/s00216-011-5314-7
- Popovici I., Homer J.F., Fang H., French M.T. 2012. Alcohol Use and Crime: Findings from a Longitudinal Sample of U.S Adolescents and Young Adults. *Alcohol Clin Exp Res*. 36(3):532-543. Doi:10.1111/j.0277.2011.01641.x
- Pribadi E.T. 2017. Penyalahgunaan Alkohol di Indonesia : Analisis Determinan, SWOT dan CARAT. *Journal of Health Science and Prevention*. 1(1): 22-37. ISSN: 2549-919X
- Purbayanti D, Nafarin MR. 2018. Rasio AST/ALT Pada Laki-laki Pengkonsumsi Alkohol Di Jalan mendawai Kota Palangka Raya. *BJMLT*. 1(1):46-51
- Rafter I, Graberg T, Kotronen A, Strommer L, Mattson CM, Kim RW, Ehrenborg E, et al. 2012. Isoform-specific Alanine Aminotransferase Measurement Can Distinguish Hepatic From Extrahepatic Injury in Humans. *International Journal of Molecular Medicine*. 30(5):1241-49. Doi: 10.3892/ijmm.2012.1106
- Robles-Diaz M, Garcia-Cortes M, Medina-Caliz I, Gonzalez-Jimenez A, Gonzalez-Grande R, Navarro JM, et al. 2015. *The Value of Serum Aspartate Aminotransferase and Gamma-glutamyl transpeptidase as biomarkers in hepatotoxicity*. Liver International. Spanyol, John Wiley & Sons. Pp 1-9
- Rossi R.E., Conte D., Massironi S. 2015. Diagnosis and Treatment of Nutritional Deficiencies in Alcoholic Liver Disease: Overview of Available Evidence and Open Issues. *Digestive and Liver Disease*. 47:819-825
- Rusyn I., Bataller R. 2013. Alcohol and Toxicity. *Journal of Hepatology*. Vol. 59: 387-388
- Salujha S.K., Chaudhury S., Menon P.K., Srivasta K., Gupta A. 2014. Allelic Variants of ADH, ALDH and The Five Factor Model of Personality in Alcohol Dependence Syndrome. *Industrial Psychiatry Journal* 23(1): 44-51. doi: 10.4103/0972-6748.144956
- Sartika F, Prissilia Y. 2017. Kadar Serum Glutamate Piruvat Transaminase (ALT) Pada Pengonsumsi Minuman Beralkohol Di Kecamatan Banama Pulang Pisau Kalimantan Tengah. *Jurnal Surya Medika* 3(1): 46-55.
- Savola O., Niemela O., Hillbom M. 2005. Alcohol Intake and The Pattern of Trauma in Young Adults and Working Aged People Admitted After Trauma. *Alcohol & Alcoholism* 40(4): 269-273. Doi: 10.1093/alcalc/agh159



- Shivaraj G, Desai PB, Hull VV, Math AAK, Vernekar SN, Kulkarni SS. 2009. A Review On Laboratory Liver Function Tests. *PanAfrican Medical Journal*. 3(17):1-11
- Sinaga D.R. 2020. Pengaruh Konsep Diri Terhadap Sikap Mahasiswa Pria Katolik Dalam Mengkonsumsi Alkohol di Kota Jayapura. *Jurnal JUMPA*. 8(2):1-18
- Sogabe M., Okahisa T., Nakagawa T., Fukuno H., Nakasono M., Tomonari T., et al. 2016. Influence of Light Alcohol Consumption on Lifestyle-Related Diseases : A Predictor of Fatty Liver with Liver Enzyme Elevation in Japanese Females With Metabolic Syndrome. *BMC Gastroenterology*, 16(17). Accesed at <https://doi.org/10.1186/s12876-016-0431-6>
- Solina, Arisdiani T., Widyastuti Y.P. 2018. Hubungan Peran Orang Tua dengan Perilaku Konsumsi Minuman Alkohol Pada Remaja Laki-Laki. *Jurnal Keperawatan*, 6(1): 36-45. ISSN : 2338-2090
- Stranding S, editors. *Grays's Anatomy : The Anatomical Basis of Clinical Practice*. 41th ed. London, Elsevier, 2016. pp. 1160-72
- Suhardi. 2011. Preferensi Peminum Alkohol Di Indonesia Menurut Riskesdas 2007. *Buletin Penelitian Kesehatan*. 4(39) 154-164
- Suhartini, Mustafa, Nurhantari Y., Djoko B.U., Widagdo H., Agni I.N.W. 2018. Analysis of Effect of Aldehyde Dehydrogenase 2 (ALDH2) Gene Polymorphism on Liver Function Status of Alcohol Drinkers in Indonesia. *AIP Conference Proceedings* 2099, 020025. <https://doi.org/10.1063/1.5098430>
- Suhartini, Widagdo H., Agni I.A.W., Nurhantari Y. 2019. The Analysis of Cell Damage of Liver and Kidney Among Alcoholics in Yogyakarta, Indonesia. *J Med Sci*. 51(3):246-257. <http://dx.doi.org/10.19106/JMedSci005103201908>
- Sugandi Y. 2008. *Analisis Konflik dan Rekomendasi Kebijakan Mengenai Papua*. Jakarta: Friedrich Ebert Stiftung
- Sull JW, Yun JE, Lee SY, Ohrr H, et al. 2009. Body Mass Index and Serum Aminotransferase Levels in Korean Men and Women. *J Clin Gastroenterol*. 43:869-75
- Swahn M.H., Culbreth R., Tumwesigye N.M., Topalli V., Wright E., Kasirye R. 2018. Problem Drinking, Alcohol Related Violence, and Homelessness among Yourh Living in the Slums of Kampala, Uganda. *International Journal of Environmental Research and Public Health*. 15:1061. Doi:10.3390/ijerph15061061
- Tavakoli H.R., Hull M., Okasinski L.T.M. 2011. Review of Current Clinical Biomarkers for the Detection of Alcohol Dependence. *Innovation in Clinical Neuroscience*. 8(3):26-33
- Teschke R. 2018. Alcoholic Liver Disease : Alcohol Metabolism, Cascade of Molecular Mechanisms, Cellular Targets, and Clinical Aspects : Review. *Biomedicine*. 6:106. Doi: 10.3390/biomedicine6040106
- Tso P, McGill J. 2003. *Medical Physiology*, In: The Physiology of the Liver. 2nd ed. Philadelphia. Lippincott William Wilkins, Pp 514-17
- Umamah C. 2018. *Alkoholik di Kalangan Mahasiswa Perempuan*. Skripsi, Universitas Airlangga, Surabaya
- Utami I.H., Wisadirana D., Nasution. 2013. Analisa Model Komunikasi Antarbudaya: Studi Kasus Komunikasi Mahasiswa Papua dan Jawa di Universitas Brawijaya. *Profit*. Vol. VII No.1:1-15
- Verpaetse T.L., McKee S.A. 2017. An Overview of Alcohol and Tobacco/Nicotine Interactions in the Human Laboratory. *Am J Drug Alcohol Abuse*, 43(2): 186-196. Doi: 10.1080/00952990.2016.1189927



- Vroon DH, Israili Z. 1990. *Aminotransferases*, In: Clinical Methods : The History, Physical, and Laboratory Examinations. 3rd edition. Boston. Butterworths, Bookshelf ID: NBK425
- Warsilah H. 2021. Masalah dengan Legalisasi Miras: Kasus Sorong, Papua Barat [Abstract]. Masyarakat & Budaya, 16 (7). Available at : <https://pmb.brin.go.id/masalah-dengan-legalisasi-miras-kasus-sorong-papua-barat/> [accessed on 21 November 2021]
- Whitehead TP, Robinson D, Allaway SL. 1996. The Effect of Cigarette Smoking and Alcohol Consumption on Serum Enzyme Activities : A Dose-related Study in Men. *Ann Clin Biochem.* 33:530-5
- Widarti, Nurqaidah. 2019. Analisis Kadar Serum Pyruvic Transaminase (SGPT) dan Serum Glutamic Oxaloacetic Transaminase (SGOT) pada Petani yang Menggunakan Pestisida. *Jurnal Media Analisis Kesehatan.* 10(1):35-43
- WHO. 2014. *Global Status Report on Alcohol and Health 2014*. Luxembourg : WHO Library Cataloguing in Publication Data
- Zakhari. 2006. Overview : How Is Alcohol Metabolized by the Body?. *Alcohol Research & Health.* 29(4) 245-254