

DAFTAR PUSTAKA

- Afifah, Y. N., Sulchan, M., & Nissa, C. (2017). Rasio Trigliserida/High Density Lipoprotein-Cholesterol pada remaja stunted obesity usia 15-18 Tahun Di Kota Semarang, 6, 172–179. Retrieved from <http://www.wjgnet.com/1948-9358/full/v6/i3/456.htm>
- Aghamohammadi, V., Gargari, B. P., & Aliashgharzadeh, A. (2011). Effect of folic acid supplementation on homocysteine, serum total antioxidant capacity, and malondialdehyde in patients with type 2 diabetes mellitus. *Journal of the American College of Nutrition*, 30(3).
- Aleksandra, B., Anna, T., & Katarzyna, M. (2017). The Impact of Supplementation with Folic Acid on Homocysteine Concentration and Selected Lipoprotein Parameters in Patients with Primary Hypertension, 96–103. <https://doi.org/10.3177/jnsv.63.96>
- Anderson, C. A. M., Jee, S. H., Charleston, J., Narrett, M., & Appel, L. J. (2010). Effects of folic acid supplementation on serum folate and plasma homocysteine concentrations in older adults: a dose-response trial. *American Journal of Epidemiology*, 172(8), 932–941. <https://doi.org/10.1093/aje/kwq197>
- Basciano, H., Federico, L., & Adeli, K. (2005). Fructose, insulin resistance, and metabolic dyslipidemia. *Nutrition and Metabolism*, 2, 1–14. <https://doi.org/10.1186/1743-7075-2-5>
- Biswas, B., Walker, S., & Varun, M. (2017). Involvement of oxidative stress and NADPH oxidase activation in the development of cardiovascular complications in a model of insulin resistance, the fructose-fed rat. *Plant Archives*, 17(1), 8–20. <https://doi.org/10.1016/j.atherosclerosis.2004.10.018>
- Coşar, A., Ipçioğlu, O. M., Özcan, Ö., & Gültepe, M. (2014). Folate and homocysteine metabolisms and their roles in the biochemical basis of neuropsychiatry. *Turkish Journal of Medical Sciences*, 44(1), 1–9. <https://doi.org/10.3906/sag-1211-39>
- da Silva, R. P., Kelly, K. B., Al Rajabi, A., & Jacobs, R. L. (2014). Novel insights on interactions between folate and lipid metabolism. *BioFactors*, 40(3), 277–283. <https://doi.org/10.1002/biof.1154>
- Erwinanto, Santoso, A., Putranto, J. N. E., Tedjasukmana, P., Suryawan, R., Rifqi, S., & Kasiman, S. (2013). Pedoman tatalaksana dislipidemia. *Jurnal Kardiologi Indonesia*, 34(4), 245–270. Retrieved from <http://jki.or.id>
- Fonseca, V., Dicker-brown, A., Ranganathan, S., Song, W., Barnard, R. J., Fink,

- L., & Kern, P. A. (2000). Effect of a High-Fat-Sucrose Diet on Enzymes in Homocysteine Metabolism in the Rat, *6*(6), 736–741.
- Gobe, G., Campbell, F., Poudyal, H., Alam, A., K. Panchal, S., Sernia, C., Brown, L. (2010). High-carbohydrate, High-fat Diet–induced Metabolic Syndrome and Cardiovascular Remodeling in Rats. *Journal of Cardiovascular Pharmacology*, *57*(5), 611–624. <https://doi.org/10.1097/fjc.0b013e3181feb90a>
- Gursu, M. F., Onderci, M., Gulcu, F., & Sahin, K. (2004). Effects of vitamin C and folic acid supplementation on serum paraoxonase activity and metabolites induced by heat stress in vivo. *Nutrition Research*, *24*(2), 157–164. <https://doi.org/10.1016/j.nutres.2003.11.008>
- Harini, M., & Astirin, O. P. (2009). Kadar Kolesterol Darah Tikus Putih (*Rattus norvegicus*) hiperkolesterolemik setelah perlakuan VCO. *Nusantara Bioscience*, *1*, 53–58.
- Hu, Z., Ren, Z., & Lu, C. (2012). The Phosphatidylcholine Diacylglycerol Cholinephosphotransferase Is Required for Efficient Hydroxy Fatty Acid Accumulation in Transgenic Arabidopsis. *Plant Physiology*, *158*(4), 1944–1954. <https://doi.org/10.1104/pp.111.192153>
- Hwang, S.-Y., Siow, Y. L., Au-Yeung, K. K. W., House, J., & O, K. (2011). Folic acid supplementation inhibits NADPH oxidase-mediated superoxide anion production in the kidney. *American Journal of Physiology. Renal Physiology*, *300*(1), F189-98. <https://doi.org/10.1152/ajprenal.00272.2010>
- Jim, E. L. (2013). Metabolisme Lipoprotein. *Jurnal Biomedik*, *5*, 149–156.
- Kurniawan, L. B., Aprianti, S., Bahrin, U., & Pakasi, R. D. N. (2015). Hipertrigliseridemia Sangat Berat pada Penderita Diabetes Melitus Tipe 2, (January).
- Much, H., Should, F., & For, I. A. (2014). Food Sources of Folate. *Dietitians of Canada*.
- Murray, R. K. (2014). *Harper's biochemistry* (29th ed.). Jakarta: EGC.
- Owoyele, B. V., Yakubu, M. T., Alonge, F., Olatunji, L. ., & Soladoye, A. . (2005). Effects of Folic Acid Intake on Serum Lipid Profiles of Apparently Healthy Young Adult Male Nigerians. *African Journal of Biomedical Research*, *8*, 139–142.
- Prahastuti, S. (2011). Konsumsi Fruktosa Berlebihan dapat Berdampak Buruk bagi Kesehatan Manusia, *10*(65), 173–189.
- Pulungan, A., Marzuki, A., Juli, M., Rosalina, I., Damayanti, W., Yanuarso, P.,

- Hidayati, E. (2014). Diagnosis dan tata laksana sindrom metabolik pada anak dan remaja. *Ikatan Dokter Anak Indonesia*, 1–15.
- Talari, H. R., Rafiee, M., Farrokhian, A., Raygan, F., Bahmani, F., Darooghegi, M., Asemi. (2016). The Effects of Folate Supplementation on Carotid Intima-Media Thickness and Metabolic Status in Patients with Metabolic Syndrome, 41–50. <https://doi.org/10.1159/000448295>
- Tangkilisan, H. A., & Rumbajan, D. (2017). Defisiensi Asam Folat. *Sari Pediatri*, 4(1), 21. <https://doi.org/10.14238/sp4.1.2002.21-5>
- Tangvarasittichai, S. (2015). Oxidative stress, insulin resistance, dyslipidemia and type 2 diabetes mellitus. *World Journal of Diabetes*, 6(3), 456. <https://doi.org/10.4239/wjd.v6.i3.456>
- Tessari, P., Coracina, A., Kiwanuka, E., Vedovato, M., Vettore, M., Valerio, A., Garibotto, G. (2005). Effects of insulin on methionine and homocysteine kinetics in type 2 diabetes with nephropathy. *Diabetes*, 54(10), 2968–2976. <https://doi.org/10.2337/diabetes.54.10.2968>
- Togelang, L., Fatimawali, & Manampiring, A. E. (2013). Gambaran kadar, 1, 445–450.
- Tsalissavrina, I., Wahono, D., & Handayani, D. (2006). Pengaruh Pemberian Diet Tinggi Karbohidrat Dibandingkan Diet Tinggi Lemak Terhadap Kadar Triglicerida Dan HDL. *Kedokteran Brawijaya*, XXII.
- Ujiani, S. (2015). Hubungan antara usia dan jenis kelamin dengan kadar kolesterol penderita obesitas rsud abdul moeloek provinsi lampung. *Jurnal Kesehatan*, 6(1), 43–48.
- Vijayakumar, A., Kim, E., Kim, H., Choi, Y. J., Huh, K. B., & Chang, N. (2017). Effects of folic acid supplementation on serum homocysteine levels, lipid profiles, and vascular parameters in post-menopausal Korean women with type 2 diabetes mellitus. *Nutrition Research and Practice*, 11(4), 327. <https://doi.org/10.4162/nrp.2017.11.4.327>
- Wong, S. K., Chin, K.-Y., Suhaimi, F. H., Fairus, A., & Ima-Nirwana, S. (2016). Animal models of metabolic syndrome: a review. *Nutrition & Metabolism*, 13(1), 65. <https://doi.org/10.1186/s12986-016-0123-9>
- Zhang, D. M., Jiao, R. Q., & Kong, L. D. (2017). High dietary fructose: Direct or indirect dangerous factors disturbing tissue and organ functions. *Nutrients*, 9(4). <https://doi.org/10.3390/nu9040335>
- Zhuhua, Z., Zhiquan, W., Zhen, Y., Yixin, N., Weiwei, Z., Xiaoyong, L., Qing, S. (2015). A novel mice model of metabolic syndrome: the high-fat-high-fructose diet-fed ICR mice. *Experimental Animals*, 64(4), 435–442.