

DAFTAR PUSTAKA

1. Bantle JP. Dietary Fructose and Metabolic Syndrome and Diabetes. Am J Clin Nutr 2009; 139: 1263S-1268S.
2. Jones JM. Dietary sweeteners containing fructose: overview of the workshop on the state of the science. J Nutr 2009; 139: 1210-3.
3. Vasankari TJ., Vasankari TM. Effects of dietary fructose on lipid metabolism, body weight, and glucose intolerance in humans. Scand J Food Nutr 2006; 50 (2): 55 -63.
4. Vos MB, Kimmons JE, Gillespie C, Welsh J, Blanck HM. Dietary fructose consumption among US children and adults: the third national health and nutrition examination survey. Medscape J Med 2008: 160.
5. Johnson RJ, Segal MS, Sautin Y, Nakagawa T, Feig DI, Kang DH, et al. Potential role of sugar (fructose) in the epidemic of hypertension, obesity, and the metabolic syndrome, diabetes, kidney disease, and cardiovascular disease. Am J Clin Nutr 2007; 86: 899-906.
6. Nagakawa T, Hu H, Zharikov S. A causal role for uric acid in fructose induced metabolic syndrome. Am J Physiol 2006; 290: F265-31.
7. Murray RK. Biokimia Harper. Hartono A (alih bahasa), Anna PA, Sikumbang. Tiara MN (ed). Jakarta: EGC Penerbit Buku Kedokteran. 2000.
8. George AB. How bad is fructose?. Am J Clin Nutr 2007; 86: 895-6.
9. Elliot SS, Keim NL, Stren JS, Teff K, Havel PJ. Fructose, weight gain, and the insulin resistance syndrome. Am J Clin Nutr 2002; 76: 911–22.
10. Anne LK, Daeh D, Stettler R, Ith M, Kreis R, Vermathen P, et al . A 4-wk high-fructose-diet alters lipid metabolism without affecting insulin sensitivity or ectopic lipids in healthy humans. Am J Clin Nutr 2006; 84: 1374-9.

11. Basciano H, Federico. L, Adeli. K. Fructose, insulin resistance, and metabolic dyslipidemia. *Nutr Metab* 2005; 2:5.
12. Thorburn. AW, Stolien. LH, Jenkins. AB, Khouri S, Kraegen EW. Fructose induced in vivo insulin resistance and elevated plasma triglyceride levels in rats. *Am J Clin Nutr* 1989; 49: 1155-63.
13. Maiztegui B, Borelli MI, Raschia MA, Zotto HD, Gagliardino JJ. Islet adaptive changes to fructose-induced insulin resistance: *b*-cell mass, glucokinase, glucose metabolism, and insulin secretion. *J Clin Endocrinol Metab* 2009; 200: 139-49.
14. Briyans JA, Patricia A. The effect of consuming instant black tea on postprandial plasma glucose and insulin concentrations in healthy humans. *Am J Clin Nutr* 2007; 26 (5): 471-7.
15. Mellor KM, Ritchie RH, Davidoff AJ, Debridge LMD. Elevated dietary sugar an the heart : experimental model and myocardial remodeling. *Can J. Physiol Pharmacol* 2010; 88: 525-40.
16. Davies MJ, Judd JT, Baer DJ, Clevidence BA, Paul DR, Edwards AJ, et al. Black tea consumption reduces total and LDL cholesterol in mildly hypercholesterolemic adults. *J Nutr* 2003; 133: 3298S-3302S.
17. McKay DL, Blumberg JB. The role of tea in human health: an update. *Am J Clin Nutr* 2002; 21 (1): 1-13.
18. Ho CT, Lin JK, Shahidi F. Tea and tea product. New York: CRC Press; 2009: 1-9.
19. Astuti M. Potensi Antioksidan pada Teh – Kumpulan Makalah. Radikal Bebas dan Antioksidan dalam Kesehatan: Dasar, aplikasi dan pemanfaatan bahan alam. Jakarta: Bagian Biokimia FKUI. 2001.

20. Stote KS, Baer DJ. Tea consumption may improve biomarkers of insulin sensitivity and risk factors for diabetes. *Am J Clin Nutr* 2008; 138:1584-8.
21. Cameron AR, Anton S, Melville L, Houston NP, Dayal S, McDougall GJ. Black tea polyphenols mimic insulin/ insulin-like growth factor-1 signalling to the longevity factor FOXO1a. *Aging Cell* 2008; 7: 69–77.
22. Hariana. Teh dan Khasiatnya bagi Kesehatan – Sebuah Tinjauan Ilmiah. Jakarta: Penerbit Kanisius. 2003.
23. Leung LK , Su Y, Chen R, Zhang Z, Huang Y, Chen ZY. Theaflavins in black tea and catechins in green tea are equally effective antioxidants. *Am J Clin Nutr* 2001; 131: 2248–51.
24. Hanhineva K., Törrönen R, Bondia P, Pekkinen J, Kolehmainen M, Mykannen H, Poutannen K. Impact of dietary polyphenols on carbohydrate metabolism. *Int J Mol Sci* 2010; 11(4): 1365–1402.
25. Sheperd J. The role of the exogeneous pathway in hypercholesterolaemia. *Eur Heart J Supplements* 2001; 3: E2-E5.
26. Kwiterovitch PO, Virgil DG, Gareth ES, Otvos J, Driggers R, Blakemore K. Lipoprotein heterogeneity at birth: influence on gestational age and race of lipoprotein subclasses and Lp(a) lipoprotein. *Ethnicity and Disease* 2004; 14: 351-9.
27. Mittendorfer B., Patterson BW, Klein S. Effect of sex and obesity on basal VLDL-triacylglycerol kynetic. *Am J Clin Nutr* 2003; 77: 573-9.
28. Roos B, Caslake MJ, Stalenhoef ASH, Bedroff D, Demacker PNM, Katan MB, et al. The coffee dipertene cafestol increase plasma triacylglycerol by increasing the production rate of large VLDL apolipoprotein B in healthy normolipidemic subjects. *Am J Clin Nutr* 2001; 73:45-52.

29. Marks DB, Allan D, Smith, Collen M. Biokimia Kedokteran Dasar Sebuah Pendekatan Klinis: Jakarta: EGC. 2000
30. Rutledge AC, Adeli. K. Fructose and the Metabolic Syndrome: Pathophysiology and Molecular Mechanisms, Nutr Rev 2007; 65: S13-23.
31. Bray GA. How bad is fructose. Am J Clin Nutr 2007; 86: 895-6.
32. Teff KL, Elliot SS, Tschop M. Dietary fructose reduces circulating insulin and leptin, attenuates postprandial suppression of ghrelin, and increases triglycerides in women. J Clin Endocrinol Metab 2004; 89: 2963-72.
33. Bray GA. Soft drinks and obesity: the evidence. Clin Microbiol Rev 2009; 2: 10-4.
34. Bantle JP. Dietary fructose and metabolic syndrome diabetes. Am J Clin Nutr 2009; 139: 1263-8.
35. Mittal S. The Metabolic syndrom in clinical practice. Advance Studies in Medicine 2005; 5(6A): S503-10 .
36. Benoit SC, Clegg DJ, Seeley RJ, Woods SC. Insulin and leptin as adiposity signals . Recent Progress in Hormone Research 2004; 59: 267-85.
37. Yang CS, Landau JM. Effects Of Tea Consumtion On Nutrition and Health- Manuscript receveid 19 Juli 2000. J Nutr 2000; 130: 2409-12.
38. Thévenod F. Pathophysiology of Diabetes Mellitus Type 2: Roles of Obesity, Insulin Resistance and β -Cell Dysfunction. Basel, Karger 2008; 19: 1–18.
39. Wan Y, Vinson JA, Etherton TD, Proch J, Lazarus SA, Etherthon PMK. Effects of cocoa powder and dark chocolate on LDL oxidative susceptibility and prostalgandin concentration in human. Am J Clin Nutr 2001; 74: 596-602.
40. Ishikawa T, Suzukawa M, Ito T, Yoshida H, Ayaori M, Nishiwaki M, et al. Effect of tea flavonoid supplementation on the susceptibility of low density lipoprotein to oxidative modification. Am J Clin Nutr 1997; 66: 261-6.

41. Williamson G, Manach C. Bioavailability and bioefficacy of polyphenol in human. *Am J Clin Nutr* 2005; 81: 243S-55S.
42. Li LC, Huang HC, Lin JK. Theaflavins attenuate hepatic lipid accumulation through activating AMPK in human HepG2 cells. *JLR* 2007; 48: 2334-43.
43. Ghani A, DeFronzo RA. Review article: pathogenesis of insulin resistance in skeletal muscle. *J Biomed Biotechnol* 2010: 47629.
44. Livesey G, Taylor R. Fructose consumption and consequences for glycation, plasma triacylglycerol, and body weight: meta-analyses and meta-regression models of intervention studies. *Am J Clin Nutr* 2008; 88: 1419-37.
45. Moura FR, Ribeiro C, Oliveira JA, Stevanato E, Mello MAR. Metabolic syndrome signs in Wistar rats submitted to different high-fructose ingestion protocols. *Br J Nutr* 2009; 101:1178–84.
46. Swarbrick MM, Stanhope KL, Elliott SS, Graham JL, Krauss RM, Christiansen MP, et al. Consumption of fructose-sweetened beverages for 10 weeks increases postprandial triacylglycerol and apolipoprotein-B concentrations in overweight and obese women. *Br J Nutr* 2008; 100(5): 947–52.
47. Misra H, Mehta D, Mehta BK, Soni M, Jain DC. Study of Extraction and HPTLC-UV Method for Estimation of Caffeine in Marketed Tea (*Camellia sinensis*) Granules. *Int. J. Green Pharm* 2008; 3: 47-51
48. Zou Y, Chen H, Deng Y. Simultaneous Determination of Catechins, Caffeine, and Gallic Acids in Green, Oolong, Black, and Pu-erh Teas Using HPLC with a Photodiode Array Detector. *Talanta* 2001; 57: 307-316.
49. Fulder S. Khasiat Teh Hijau. Jakarta: Prestasi Pustaka. 2004.
50. Chacko SM, Thambi PT, Kuttan R, Nishigaki I. Beneficial effects of green tea: A literature review. *Chinese Med* 2010; 5:13.

51. Lane JD. Caffeine, Glucose Metabolism, and Type 2 Diabetes. *J Of Caffeine* 2010; 1:1.
52. MacKenzie T, Comi R, Patrick RP. Metabolic and hormonal effects of caffeine: randomized, double-blind, placebo-controlled crossover trial. *J Met* 2007; 56(12):1694-98.
53. Greer F, Hudson R, Ross R, Graham T. Caffeine Ingestion Decreases Glucose Disposal During a Hyperinsulinemic-Euglycemic Clamp in Sedentary Humans. *Diabetes Care* 2001; 50:2349–54.
54. Syahfitri N. Pengaruh Berat dan Waktu Penyeduhan Terhadap Kadar Kafein dari Bubuk Teh. USU Repository 2009.
55. Tan YY, Quek YL, Huang DJ. The Effect of Fermentation on Pro-oxidant Activity of Tea Leaves. Food Science and Technology Programme, Department of Chemistry, Faculty of Science, National University of Singapore.2010.
56. Schmidt M, Schmitz HJ, Baumgart A, Guedon D, Netsch MI, Kreuter MH. Toxicity of green tea extracts and their constituents in rat hepatocytes in primary culture. *Food Chem Toxicol* 2005; 43(2): 307-14.
57. Waltner-Law ME, Wang XL, Law BK. Epigallocatechin Gallate, a Constituent of Green Tea, Represses Hepatic Glucose Production. *J. Biol Chem* 2002; 277(38): 34933-40.
58. Yun SY, Kim SP, Song DK. Effects of (-)-epigallocatechin-3-gallate on pancreatic beta-cell damage in streptozotocin-induced diabetic rats. *Eur J Pharmacol* 2006; 541(1-2):115-21
59. Suh S, Chon S, Oh S. Prooxidative effects of green tea polyphenol (-)-epigallocatechin-3-gallate on the HIT-T15 pancreatic beta cell line. *Cell Biol Toxicol* 2009; 26(3):189-99.