

DAFTAR PUSTAKA

1. Echouffo-Tcheugui JB, Selvin E. Prediabetes and what it means: the epidemiological evidence. *Annu. Rev. Public Health.* 2021; 42, 59-77.
2. Buysschaert M, Bergman M. Definition of prediabetes. *Med Clin North Am.* 2011; 95(2), 289-97
3. Khetan AK, Rajagopalan S. Prediabetes. *Can J Cardiol.* 2018; 34(5), 615-623.
4. Bertram MY, Vos T. Quantifying the duration of pre-diabetes. *Aust N Z J Public Health.* 2010;34(3):311-4.
5. Testa R, Bonfigli AR, Marra M, *et al.* In the light of the metabolic memory theory, should not all aged people with dysglycemia be treated?. *Rejuvenation Res.*2010; 13(5), 599-605.
6. Benyamin AF, Bayu D, Minhajat R. Association between PAI-1 activity levels and t-PA antigen with glycemic status in prediabetic population. *Acta Med Indones.*2016; 48(3), 200-6.
7. Adukausienė D, Čiginskienė A, Adukauskaitė A, *et al.* Clinical relevance of high sensitivity C-reactive protein in cardiology. *Medicina.* 2016;52(1), 1-10.
8. Babic N, Valjevac A, Zaciragic A, *et al.* The Triglyceride/HDL ratio and triglyceride glucose index as predictors of glycemic control in patients with diabetes mellitus type 2. *Medical archives.* 2019; 73(3), 163.
9. Quispe R, Manalac RJ, Faridi KF, *et al.* Relationship of the triglyceride to high-density lipoprotein cholesterol (TG/HDL-C) ratio to the remainder of the lipid profile: The Very Large Database of Lipids-4 (VLDL-4) study. *Atherosclerosis.*2015; 242(1), 243-250.
10. Yeh WC, Tsao YC, Li WC, *et al.* Elevated triglyceride-to-HDL cholesterol ratio is an indicator for insulin resistance in middle-aged and elderly Taiwanese population: a cross-sectional study. *Lipids Health Dis.* 2019; 18(1), 1-7.
11. Low S, Khoo KCJ, Irwan B, *et al.* The role of triglyceride glucose index in development of Type 2 diabetes mellitus. *Diabetes Res Clin Pract.* 2018;143, 43-49.

12. Ramanujapura D, Umalakshmi V, Althaf MD. A Study on Insulin Resistance and the Relationship of TG/HDL Cholesterol Index and HSCRP with Coronary Heart Disease. *IJHCR*. 2021; 4(8), 43-49.
13. Kim GR, Choi DW, Nam C. *et al.* (2020). Synergistic association of high-sensitivity C-reactive protein and body mass index with insulin resistance in non-diabetic adults. *Sci. Rep.*2020; 10(1), 1-8.
14. Mechanick JI, Garber AJ, Grunberger G, *et al.* Dysglycemia-based chronic disease: an American Association of Clinical Endocrinologists position statement. *Endocr Pract.* 2018; 24(11), 995-1011.
15. Kalra S, Unnikrishnan AG, Baruah MP, *et al.* Metabolic and Energy Imbalance in Dysglycemia-Based Chronic Disease. *Diabetes Metab Syndr Obes.* 2021; 14, 165.
16. Purnamasari D. Diagnosis Dan Klasifikasi Diabetes Melitus. In Buku Ajar Ilmu Penyakit Dalam. 2015;1(300):2323-2327.
17. Galicia-Garcia U, Benito-Vicente A, Jebari S, *et al.* Pathophysiology of type 2 diabetes mellitus. *Int. J. Mol. Sci.* 2020; 21(17), 6275.
18. Schwartz SS, Epstein S, Corke B E, *et al.* The time is right for a new classification system for diabetes: rationale and implications of the β -cell-centric classification schema. *Diabetes care.*2016; 39(2), 179-186.
19. Soelistijo SA, Suastika K, Lindarto D, *et al.* Pedoman Pengelolaan Dan Pencegahan Diabetes Melitus Tipe 2 Dewasa Di Indonesia 2021. PB. PERKENI. 2021:11-12.
20. Kumarasamy S, Gopalakrishnan K, Kim DH, *et al.* Dysglycemia induces abnormal circadian blood pressure variability. *Cardiovasc. Diabetol.*2011; 10(1), 1-11.
21. De Rekeneire N, Peila R, Ding J, *et al.* Diabetes, hyperglycemia, and inflammation in older individuals: the health, aging and body composition study. *Diabetes care.* 2006; 29(8), 1902-1908.
22. Inoue T, Kato T, Uchida T, *et al.* Local release of C-reactive protein from vulnerable plaque or coronary arterial wall injured by stenting. *J. Am. Coll. Cardiol.*2005; 46(2), 239-245.

23. Silva D, de Lacerda A P. High-sensitivity C-reactive protein as a biomarker of risk in coronary artery disease. *Rev Port Cardiol.* (English Edition). 2012; 31(11), 733-745.
24. Ishikawa T, Hatakeyama K, Imamura T, *et al.* Involvement of C-reactive protein obtained by directional coronary atherectomy in plaque instability and developing restenosis in patients with stable or unstable angina pectoris. *Am. J. Cardiol.* 2003;91(3), 287-292.
25. Wang YL, Koh WP, Talaei M, *et al.* The association between the ratio of triglyceride to high-density lipoprotein cholesterol and incident type 2 diabetes in Singapore Chinese men and women. *J. Diabetes.* 2017; 9(7), 689.
26. Hong S, Han K, Park CY. The triglyceride glucose index is a simple and low-cost marker associated with atherosclerotic cardiovascular disease: a population-based study. *BMC Med.* 2020; 18(1), 1-8.
27. Chen CL, Liu L, Lo K, *et al.* Association between triglyceride glucose index and risk of new-onset diabetes among Chinese adults: Findings from the China Health and Retirement Longitudinal Study. *Front. cardiovasc. med.* 2020;7:1-8
28. Jin JL, Cao YX, Wu LG, *et al.* Triglyceride glucose index for predicting cardiovascular outcomes in patients with coronary artery disease. *J. Thorac. Dis.* 2018;10(11), 6137.
29. Sánchez-García A, Rodríguez-Gutiérrez R, Mancillas-Adame L, *et al.* Diagnostic accuracy of the triglyceride and glucose index for insulin resistance: a systematic review. *Int J Endocrinol.* 2020;1-7.
30. Robins SJ, Lyass A, Zachariah JP, *et al.* Insulin resistance and the relationship of a dyslipidemia to coronary heart disease: the Framingham Heart Study. *Arterioscler. Thromb. Vasc. Biol.* 2011; 31(5), 1208-1214.
31. Chen Z, Hu H, Chen M, *et al.* Association of Triglyceride to high-density lipoprotein cholesterol ratio and incident of diabetes mellitus: a secondary retrospective analysis based on a Chinese cohort study. *Lipids Health Dis.* 2020; 19(1), 1-11.
32. Drew BG, Rye KA, Duffy SJ, *et al.* The emerging role of HDL in glucose metabolism. *Nat. Rev. Endocrinol.* 2012; 8(4), 237-245.

33. Unger RH, Zhou YT. Lipotoxicity of beta-cells in obesity and in other causes of fatty acid spillover. *Diabetes*. 2001 Feb 1;50(suppl_1):S118.
34. Liu EQ, Weng YP, Zhou AM, et al. Association between Triglyceride-Glucose Index and Type 2 Diabetes Mellitus in the Japanese Population: A Secondary Analysis of a Retrospective Cohort Study. *Biomed Res.Int*. 2020;1-8
35. Navarro-González D, Sánchez-Íñigo L, Pastrana-Delgado J, et al. Triglyceride–glucose index (TyG index) in comparison with fasting plasma glucose improved diabetes prediction in patients with normal fasting glucose: The Vascular-Metabolic CUN cohort. *Prev. Med*. 2016; 86, 99-105.
36. Riskesdas. Hasil Utama Riset Kesehatan Dasar (RISKESDAS). Kementerian Kesehatan Republik Indonesia, Badan Penelitian Dan Pengembangan Kesehatan. 2019.
37. Bhowmik B, Siddiquee T, Mujumder A, et al. Serum lipid profile and its association with diabetes and prediabetes in a rural Bangladeshi population. *Int. J. Environ. Res*. 2018 Sep;15(9):1944.
38. Kansal S, Kamble TK. Lipid Profile in Prediabetes. *J Assoc Physicians India*. 2016;64
39. Aman AM, Soewondo P, Soelistijo SA, et al. Pedoman Pengelolaan Dislipidemia Di Indonesia. PB PERKENI. 2021:6
40. Chakarova N, Tankova T, Atanassova I, et al. Serum lipid and hsCRP levels in prediabetes–impaired fasting glucose (IFG) and impaired glucose tolerance (IGT). *Diabetes Res. Clin. Pract*. 2009 Oct 1;86(1):56-60.
41. Armato J, Reaven G, Ruby R. Triglyceride/high-density lipoprotein cholesterol concentration ratio identifies accentuated cardiometabolic risk. *Endocr. Pract*. 2015;21(5):1-6.
42. Shimodaira M, Niwa T, Nakajima K, et al. Impact of serum triglyceride and high density lipoprotein cholesterol levels on early-phase insulin secretion in normoglycemic and prediabetic subjects. *Diabetes Metab J*. 2014;38(4):294-301.

43. Scicali R, Giral P, d'Erasmus L, *et al.* High TG to HDL ratio plays a significant role on atherosclerosis extension in prediabetes and newly diagnosed type 2 diabetes subjects. *Diabetes Metab. Res. Rev.* 2021;37(2):1-26.
44. Wen J, Wang A, Liu G, *et al.* Elevated triglyceride-glucose (TyG) index predicts incidence of Prediabetes: a prospective cohort study in China. *Lipids Health Dis.* 2020;19(1):1-0.
45. Wang Z, Shen XH, Feng WM, *et al.* Analysis of inflammatory mediators in prediabetes and newly diagnosed type 2 diabetes patients. *J. Diabetes Res.* 2016;2016.
46. Ghule A, Kamble TK, Talwar D, *et al.* Association of Serum High Sensitivity C-Reactive Protein With Pre-diabetes in Rural Population: A Two-Year Cross-Sectional Study. *Cureus.* 2021;13(10):2-10.
47. Colak A, Diniz G. Impaired glucose tolerance, obesity and inflammatory mediators. *Glucose Tolerance.* 2012;3:27-36.
48. Yip WC, Sequeira IR, Plank LD, *et al.* Prevalence of pre-diabetes across ethnicities: a review of impaired fasting glucose (IFG) and impaired glucose tolerance (IGT) for classification of dysglycaemia. *Nutrients.* 2017 Nov;9(11):1273:1-18.
49. Faerch K, Borch-Johnsen K, Holst JJ, *et al.* Pathophysiology and aetiology of impaired fasting glycaemia and impaired glucose tolerance: does it matter for prevention and treatment of type 2 diabetes?. *Diabetologia.* 2009 Sep;52(9):1714-1723.