

DAFTAR PUSTAKA

1. Sugondo S. Obesitas. In: Setiadi S, Alwi I, Sudoyo WA, Simadibrata M, Setiyohadi B, Syam AF, eds. *Buku Ajar Ilmu Penyakit Dalam*. VI. Jakarta: Pusat Penerbitan Departemen Ilmu Penyakit Dalam FKUI; 2014. p. 2259.
2. Kim CH. Measurements of Adiposity and Body Composition. *Korean J Obes*. 2016;25(3):115-120.
3. World Health Organization. Obesity and overweight. <https://www.who.int/news-room/fact-sheets/detail/obesity-and-overweight>. *WHO Media Cent*. Published online 2016.
4. Lim J, Kim J, Koo SH, et al. Comparison of triglyceride glucose index, and related parameters to predict insulin resistance in Korean adults: An analysis of the 2007-2010 Korean national health and nutrition examination survey. *PLoS One*. 2019;14(3):1-11.
5. The Asia Pacific perspective: Redefining obesity and its treatment. Regional Office for the Western Pacific of the World Health Organization. World Health Organization, International Association for the Study of Obesity and International Obesity Task Force 2000. Published online 2000:8-45.
6. Kurniawan L, et al. Body Mass, Total Body Fat Percentage, and Visceral Fat Level Predict Insulin Resistance Better Than Waist Circumference and Body Mass Index in Healthy Young Male Adults in Indonesia. *J Clin Med*. 2018;7(5):96.
7. Er LK, Wu S, Chous HH, et al. Triglyceride glucose-body mass index is a simple and clinically useful surrogate marker for insulin resistance in nondiabetic individuals. *PLoS One*. 2016;11(3):1-12.
8. Singh B, Saxena A. Surrogate markers of insulin resistance: A review. *World J Diabetes*. 2010;1(2):36.
9. Vasques ACJ, Novaes FS, Oliveira MDeSDe, et al. TyG index performs better than HOMA in a Brazilian population: A hyperglycemic clamp validated study. *Diabetes Res Clin Pract*. 2011;93(3):8-10.
10. Mohammadabadi F, Vafaiyan Z, Hosseini SM, et al. Assessment of Insulin

- Resistance with Two Methods: HOMA-IR and TyG Index in Iranian Obese Women. *Iran J Diabetes Obes.* 2014;6(1):23-27.
11. Irace C, Carallo C, Scavelli FB, et al. Markers of insulin resistance and carotid atherosclerosis. A comparison of the homeostasis model assessment and triglyceride glucose index. *Int J Clin Pract.* 2013;67(7):665-672.
 12. Direktorat Pencegahan dan Pengendalian Penyakit Tidak Menular. *Panduan Pelaksanaan Gerakan Nusantara Tekan Angka Obesitas (GENTAS)*; 2017.
 13. Purnell JQ. *Definitions, Classification, and Epidemiology of Obesity*; 2000.
 14. Riskesdas. Hasil Utama Riset Kesehatan Dasar. *Kementrian Kesehatan Republik Indones.* Published online 2018.
 15. Lubis L, Zhe Yiin NN, Luftimas DE. Differentiation of body fat composition between skinfold caliper and bioelectrical impedance analysis methods among professors. *Bali Anat J.* 2018.
 16. Rutherford W, Diemer G, Scott E. Comparison of Bioelectrical Impedance and Skinfolds with Hydrodensitometry in the Assessment of Body Composition in Healthy Young Adults. *ICHPER-SD J Res.* 2011.
 17. Manaf A. Insulin : Mekanisme Sekresi dan Aspek Metabolisme. In: Setiadi S, Alwi I, Sudoyo AW, Simadibrata M, Setiyohadi B, Syam AF, eds. *Buku Ajar Ilmu Penyakit Dalam.* VI. Pusat Penerbitan Departemen Ilmu Penyakit Dalam FKUI; 2014:2350.
 18. Ye J. Mechanisms of insulin resistance in obesity. *Front Med.* 2013; 7(1): 14–24.
 19. Wu H, Ballantyne CM. Metabolic Inflammation and Insulin Resistance in Obesity. *Circ Res.* Published online 2020:1549-1564.
 20. Kraegen EW, Cooney GJ, Ye J, et al. Triglycerides, fatty acids and insulin resistance - Hyperinsulinemia. In: *Experimental and Clinical Endocrinology and Diabetes.* ; 2001. 109(4):S516-26.
 21. DeFronzo RA, Tobin JD, Andres R. Glucose clamp technique: A method for quantifying insulin secretion and resistance. *Am J Physiol.* 1979; 237(3):E214-23.
 22. Tang Q, Li X, Song P, et al. Optimal cut-off values for the homeostasis

- model assessment of insulin resistance (HOMA-IR) and pre-diabetes screening: Developments in research and prospects for the future. *Drug Discov Ther.* 2015.
23. Simental-Mendía LE, Rodríguez-Morán M, Guerrero-Romero F. The product of fasting glucose and triglycerides as surrogate for identifying insulin resistance in apparently healthy subjects. *Metab Syndr Relat Disord.* 2008;6(4):299-304.
 24. Guerrero-Romero F, Simental-Mendía LE, Gonzalez-Ortiz M, et al. The product of triglycerides and glucose, a simple measure of insulin sensitivity. Comparison with the euglycemic-hyperinsulinemic clamp. *J Clin Endocrinol Metab.* 2010;95(7):3347-3351.
 25. Wongsari MH. Kesesuaian Triglycerides Glucose Index (TyG INDEX) dan Homeostasis Assesment Insulin Resistance (HOMA-IR) pada pria dewasa muda dengan obesitas sentral. 2018.
 26. Sánchez-García A, Rodriguez-Gutierrez R, Mancillas-Adame L, et al. Diagnostic Accuracy of the Triglyceride and Glucose Index for Insulin Resistance: A Systematic Review. *Int J Endocrinol.* 2020.
 27. Cheng YH, Tsao YC, Tzeng IS, et al. Body mass index and waist circumference are better predictors of insulin resistance than total body fat percentage in middle-aged and elderly Taiwanese. *Med (United States).* 2017;96(39):1-6.
 28. Tuo X, Yuan J, Wang XH, et al. Identifying the insulin resistance index in nondiabetic Chinese subjects. *Medicine (Baltimore).* 2020;99(5):e19023.
 29. Dwimartutie N, Setiati S, Oemardi M. The correlation between body fat distribution and insulin resistance in elderly. *Acta Med Indones.* 2010;42(2):66-73.