

DAFTAR PUSTAKA

- Abolhasani, M., Maghbouli, N., Sazgara, F., Saleh, S. K., Tahmasebi, M., & Ashraf, H. (2020). Evaluation of several anthropometric and metabolic indices as correlates of hyperglycemia in overweight/obese adults. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, *13*, 2327–2336.
<https://doi.org/10.2147/DMSO.S254741>
- Adegoke, O., Ozoh, O. B., Odeniyi, I. A., Bello, B. T., Akinkugbe, A. O., Ojo, O. O., Agabi, O. P., & Okubadejo, N. U. (2021). Prevalence of obesity and an interrogation of the correlation between anthropometric indices and blood pressures in urban Lagos, Nigeria. *Scientific Reports*, *11*(1), 1–12.
<https://doi.org/10.1038/s41598-021-83055-w>
- Adejumo, E. N., Adejumo, A. O., Azenabor, A., Ekun, A. O., Enitan, S. S., Adebola, O. K., & Ogundahunsi, O. A. (2019). Anthropometric parameter that best predict metabolic syndrome in South west Nigeria. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, *13*(1), 48–54.
<https://doi.org/10.1016/j.dsx.2018.08.009>
- Alves-Bezerra, M., & Cohen, D. E. (2018). Triglyceride metabolism in the liver. *Comprehensive Physiology*, *8*(1), 1–22. <https://doi.org/10.1002/cphy.c170012>
- Barazzoni, R., Gortan Cappellari, G., Semolic, A., Ius, M., Zanetti, M., Gabrielli, A., Vinci, P., Guarnieri, G., & Simon, G. (2019). Central adiposity markers, plasma lipid profile and cardiometabolic risk prediction in overweight-obese individuals. *Clinical Nutrition*, *38*(3), 1171–1179. <https://doi.org/10.1016/j.clnu.2018.04.014>
- Candan, S., Candan, O. O., & Karabag, T. (2020). The relationship between nocturnal blood pressure drop and body composition indices among hypertensive patients. *Journal of Clinical Hypertension*, *22*(4), 616–622.
<https://doi.org/10.1111/jch.13832>
- Chang, Y., Guo, X., Chen, Y., Guo, L., Li, Z., Yu, S., Klinis, D. N., Sakit, R., Tinggi, P., Peking, K., Kedokteran, I., Ma, F., Lou, H. P., Zhu, N., Liu, B., Maessen, M. F. H. H., Verheggen, R. J. H. M. H. M., Hopman, M. T. E. E., Lm, A., ... Heymsfield, S. B. (2019). Relationship between body-roundness index and metabolic syndrome in type 2 diabetes. *Obesity*, *15*(1), 2264–2271.
<https://doi.org/10.1371/journal.pone.0107212>

- Chang, Y., Guo, X., Chen, Y., Guo, L., Li, Z., Yu, S., Yang, H., & Sun, Y. (2015). A body shape index and body roundness index: Two new body indices to identify diabetes mellitus among rural populations in northeast China. *BMC Public Health*, *15*(1), 1–8. <https://doi.org/10.1186/s12889-015-2150-2>
- Chang, Y., Guo, X., Li, T., Li, S., Guo, J., & Sun, Y. (2016). A Body Shape Index and Body Roundness Index: Two New Body Indices to Identify left Ventricular Hypertrophy among Rural Populations in Northeast China. *Heart Lung and Circulation*, *25*(4), 358–364. <https://doi.org/10.1016/j.hlc.2015.08.009>
- Choi, J. R., Ahn, S. V., Kim, J. Y., Koh, S. B., Choi, E. H., Lee, G. Y., & Jang, Y. E. (2018). Comparison of various anthropometric indices for the identification of a predictor of incident hypertension: The ARIRANG study. *Journal of Human Hypertension*, *32*(4), 294–300. <https://doi.org/10.1038/s41371-018-0043-4>
- Feng, J., He, S., & Chen, X. (2019). Body Adiposity Index and Body Roundness Index in Identifying Insulin Resistance Among Adults Without Diabetes. *American Journal of the Medical Sciences*, *357*(2), 116–123. <https://doi.org/10.1016/j.amjms.2018.11.006>
- Foster, P. C. (2014). Self-Care Deficit Nursing Theory: Dorothea Elizabeth Orem. In J. B. George (Ed.), *Nursing Theories: The Base for Professional Nursing Practice* (Sixth Edit, pp. 127–159). Essex: Pearson Education Limited.
- Frisch, N. C., & Bowman, S. S. (2014). The Modeling and Role-Modeling Theory: Helen Lorraine (Cook) Erickson, Evelyn M. Tomlin, Marry Ann P. Swain. In J. B. George (Ed.), *Nursing Theories: The Base for Professional Nursing Practice* (Sixth Edit, pp. 543–569). Essex: Pearson Education Limited.
- Geraci, G., Zammuto, M., Gaetani, R., Mattina, A., D'Ignoto, F., Geraci, C., Noto, D., Aversa, M., Cottone, S., & Mulè, G. (2019). Relationship of a Body Shape Index and Body Roundness Index with carotid atherosclerosis in arterial hypertension. *Nutrition, Metabolism and Cardiovascular Diseases*, *29*(8), 822–829. <https://doi.org/10.1016/j.numecd.2019.04.013>
- Głuszek, S., Ciesla, E., Głuszek-Osuch, M., Koziel, D., Kiebzak, W., Wypchło, Ł., & Suliga, E. (2020). Anthropometric indices and cut-off points in the diagnosis of metabolic disorders. *PLoS ONE*, *15*(6 June), 1–13. <https://doi.org/10.1371/journal.pone.0235121>

- Gomez-Marcos, M. A., Gomez-Sanchez, L., Patino-Alonso, M. C., Recio-Rodriguez, J. I., Gomez-Sanchez, M., Rigo, F., Marti, R., Agudo-Conde, C., Maderuelo-Fernandez, J. A., Ramos, R., Garcia-Ortiz, L., & Rodriguez-Sanchez, E. (2019). Capacity adiposity indices to identify metabolic syndrome in subjects with intermediate cardiovascular risk (MARK study). *PLoS ONE*, *14*(1), 1–16. <https://doi.org/10.1371/journal.pone.0209992>
- Guan, X., Liu, Z., Zhao, Z., Zhang, X., Tao, S., Yuan, B., Zhang, J., Wang, D., Liu, Q., & Ding, Y. (2019). Emerging roles of low-density lipoprotein in the development and treatment of breast cancer. *Lipids in Health and Disease*, *18*(1), 1–9. <https://doi.org/10.1186/s12944-019-1075-7>
- Hidayat, A. A. (2014). *Metode penelitian keperawatan dan teknis analisis data*. Salemba Medika.
- Hu, J., Xi, D., Zhao, J., Luo, T., Liu, J., Lu, H., Li, M., Xiong, H., & Guo, Z. (2016). High-density Lipoprotein and Inflammation and Its Significance to Atherosclerosis. *American Journal of the Medical Sciences*, *352*(4), 408–415. <https://doi.org/10.1016/j.amjms.2016.06.014>
- Jeppu, A. K., & Kumar, K. A. (2019). *An Interrelationship between Blood Pressure, Body Roundness Index, Waist Circumference, and Waist to Height Ratio*. *6*(34), 2299–2305.
- Kelishadi, R., Qorbani, M., Rezaei, F., Motlagh, M. E., Djalalinia, S., Ziaodini, H., Taheri, M., Ochi, F., Shafiee, G., Aminaei, T., Mahdavi Gorabi, A., & Heshmat, R. (2018). Is single-child family associated with cardio-metabolic risk factors: The CASPIAN-V study. *BMC Cardiovascular Disorders*, *18*(1), 1–8. <https://doi.org/10.1186/s12872-018-0844-y>
- Khan, S. H., Shahid, R., Fazal, N., & Ijaz, A. (2019). Comparison of various abdominal obesity measures for predicting metabolic syndrome, diabetes, nephropathy, and dyslipidemia. *Journal of the College of Physicians and Surgeons Pakistan*, *29*(12), 1159–1164. <https://doi.org/10.29271/jcpsp.2019.12.1159>
- Khosravi, M., Hosseini-Fard, R., & Najafi, M. (2018). Circulating low density lipoprotein (LDL). *Hormone Molecular Biology and Clinical Investigation*, *35*(2), 1–12. <https://doi.org/10.1515/hmbci-2018-0024>

- Li, G., Wu, H. kun, Wu, X. wei, Cao, Z., Tu, Y. chao, Ma, Y., Li, B. ning, Peng, Q. yue, Cheng, J., Wu, B., & Zhou, Z. (2019). The feasibility of two anthropometric indices to identify metabolic syndrome, insulin resistance and inflammatory factors in obese and overweight adults. *Nutrition*, *57*, 194–201. <https://doi.org/10.1016/j.nut.2018.05.004>
- Liu, B., Liu, B., Wu, G., & Yin, F. (2019). Relationship between body-roundness index and metabolic syndrome in type 2 diabetes. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, *12*, 931–935. <https://doi.org/10.2147/DMSO.S209964>
- Liu, P. J., Ma, F., Lou, H. P., & Zhu, Y. N. (2016). Body roundness index and body adiposity index: two new anthropometric indices to identify metabolic syndrome among Chinese postmenopausal women. *Climacteric*, *19*(5), 433–439. <https://doi.org/10.1080/13697137.2016.1202229>
- Liu, Peng Ju, Ma, F., Lou, H. P., & Zhu, Y. N. (2017). Comparison of the ability to identify cardiometabolic risk factors between two new body indices and waist-to-height ratio among Chinese adults with normal BMI and waist circumference. *Public Health Nutrition*, *20*(6), 984–991. <https://doi.org/10.1017/S1368980016003281>
- Maessen, M. F. H., Eijsvogels, T. M. H., Verheggen, R. J. H. M., Hopman, M. T. E., Verbeek, A. L. M., & De Vegt, F. (2014). Entering a new era of body indices: The feasibility of a body shape index and body roundness index to identify cardiovascular health status. *PLoS ONE*, *9*(9), 69. <https://doi.org/10.1371/journal.pone.0107212>
- Mathur, N., Rai, S., Sujith, N., & Gayatri, O. (2019). Newer v/s Classical Anthropometric Indices as a Screening Tool for Dyslipidemia in Healthy Young Adults. *Journal of Clinical and Diagnostic Research*, *13*(November 2017), 2017–2020. <https://doi.org/10.7860/jcdr/2019/40827.12799>
- Metasari, A. R., & Bukhari, A. (2019). Pengaruh Latihan Fisik Terhadap Risiko Kardiometabolik (Trigliserida) pada Wanita Usia Reproduksi. *Hasanuddin Journal of Midwifery*, *1*(1), 38. <https://doi.org/10.35317/hajom.v1i1.1793>

- Miida, T., Nishimura, K., Okamura, T., Hirayama, S., Ohmura, H., Yoshida, H., Miyashita, Y., Ai, M., Tanaka, A., Sumino, H., Murakami, M., Inoue, I., Kayamori, Y., Nakamura, M., Nobori, T., Miyazawa, Y., Teramoto, T., & Yokoyama, S. (2014). Validation of homogeneous assays for HDL-cholesterol using fresh samples from healthy and diseased subjects. *Atherosclerosis*, *233*(1), 253–259. <https://doi.org/10.1016/j.atherosclerosis.2013.12.033>
- Motamed, N., Rabiee, B., Hemasi, G. R., Ajdarkosh, H., Khonsari, M. R., Maadi, M., Keyvani, H., & Zamani, F. (2016). Body roundness index and waist-to-height ratio are strongly associated with non-alcoholic fatty liver disease: A population-based study. *Hepatitis Monthly*, *16*(9). <https://doi.org/10.5812/hepatmon.39575>
- Muhlisin, A., & Irdawati. (2010). Teori self care dari Orem dan pendekatan dalam praktek keperawatn. *Berita Ilmu Keperawatan*, *2*(2), 97–100. https://publikasiilmiah.ums.ac.id/bitstream/handle/11617/2044/BIK_Vol_2_No_2_9_Abi_Muhlisin.pdf?sequence=1
- Nkwana, M. R., Monyeke, K. D., & Lebelo, S. L. (2021). Body roundness index, a body shape index, conicity index, and their association with nutritional status and cardiovascular risk factors in South Aafrikan rural young adults. *International Journal of Environmental Research and Public Health*, *18*(1), 1–13. <https://doi.org/10.3390/ijerph18010281>
- Notoatmodjo. (2012). *Metodologi penelitian kesehatan*. Rineka Cipta.
- Perona, J. S., Schmidt Rio-Valle, J., Ramírez-Vélez, R., Correa-Rodríguez, M., Fernández-Aparicio, Á., & González-Jiménez, E. (2019a). Waist circumference and abdominal volume index are the strongest anthropometric discriminators of metabolic syndrome in Spanish adolescents. *European Journal of Clinical Investigation*, *49*(3), 0–2. <https://doi.org/10.1111/eci.13060>
- Perona, J. S., Schmidt Rio-Valle, J., Ramírez-Vélez, R., Correa-Rodríguez, M., Fernández-Aparicio, Á., & González-Jiménez, E. (2019b). Waist circumference and abdominal volume index are the strongest anthropometric discriminators of metabolic syndrome in Spanish adolescents. *European Journal of Clinical Investigation*, *49*(3). <https://doi.org/10.1111/eci.13060>
- Qomariah, S. N. (2016). Buku Ajar Riset Keperawatan. In *Unpublished*. <http://elibs.unigres.ac.id/185/>

- Ramírez-Vélez, R., Pérez-Sousa, M. Á., Izquierdo, M., Cano-Gutierrez, C. A., González-Jiménez, E., Schmidt-Riovalle, J., González-Ruíz, K., & Correa-Rodríguez, M. (2019). Validation of surrogate anthropometric indices in older adults: What is the best indicator of high cardiometabolic risk factor clustering? *Nutrients*, *11*(8), 1–16. <https://doi.org/10.3390/nu11081701>
- Rico-Martín, S., Calderón-García, J. F., Sánchez-Rey, P., Franco-Antonio, C., Martínez Alvarez, M., & Sánchez Muñoz-Torrero, J. F. (2020). Effectiveness of body roundness index in predicting metabolic syndrome: A systematic review and meta-analysis. *Obesity Reviews*, *21*(7), 1–23. <https://doi.org/10.1111/obr.13023>
- Riskesdas, K. (2018). Hasil Utama Riset Kesehatan Dasar (RISKESDAS). *Journal of Physics A: Mathematical and Theoretical*, *44*(8), 1–200. <https://doi.org/10.1088/1751-8113/44/8/085201>
- Seran, A., & Hidajat, L. L. (2017). *Pedoman etika penelitian Unika Atma Jaya* (Tim komisi etika penelitian unika atma jaya (ed.); 2nd ed.). kanisius.
- Strauss, J., Witoelar, F., & Sikoki, B. (2016). The Fifth Wave of the Indonesia Family Life Survey: Overview and Field Report: Volume 1. *The Fifth Wave of the Indonesia Family Life Survey: Overview and Field Report: Volume 1*, *1*(March). <https://doi.org/10.7249/wr1143.1>
- Sugiyono. (2013). *Metode penelitian pendidikan pendekatan kuantitatif, kualitatif, dan R&D*. Alfabeta.
- Tanrikulu, M. A., Agirbasli, M., & Berenson, G. (2017). Primordial prevention of cardiometabolic risk in childhood. *Advances in Experimental Medicine and Biology*, *956*, 489–496. https://doi.org/10.1007/5584_2016_172
- Thomas, D. M., Bredlau, C., Bosity-Westphal, A., Mueller, M., Shen, W., Gallagher, D., Maeda, Y., McDougall, A., Peterson, C. M., Ravussin, E., & Heymsfield, S. B. (2013). Relationships between body roundness with body fat and visceral adipose tissue emerging from a new geometrical model. *Obesity*, *21*(11), 2264–2271. <https://doi.org/10.1002/oby.20408>
- Tian, S., Zhang, X., Xu, Y., & Dong, H. (2016). Feasibility of body roundness index for identifying a clustering of cardiometabolic abnormalities compared to BMI, waist circumference and other anthropometric indices: The China health and nutrition survey, 2008 to 2009. *Medicine (United States)*, *95*(34). <https://doi.org/10.1097/MD.0000000000004642>

- Tonhajzerova, I., Mestanikova, A., Jurko, A., Grendar, M., Langer, P., Ondrejka, I., Jurko, T., Hrtanek, I., Cesnekova, D., & Mestanik, M. (2020). Arterial stiffness and haemodynamic regulation in adolescent anorexia nervosa versus obesity. *Applied Physiology, Nutrition and Metabolism*, 45(1), 81–90. <https://doi.org/10.1139/apnm-2018-0867>
- Uzdil, Z., Kaya, S., Sökülmez Kaya, P., Terzi, M., & Dünder, E. (2020). The Effectiveness of New Adiposity Indices on Plasma Lipid Profile in Patients with Multiple Sclerosis: A Cross-Sectional Study with A Body Shape Index, Body Roundness Index, and Visceral Adiposity Index. *Multiple Sclerosis and Related Disorders*, 43(February). <https://doi.org/10.1016/j.msard.2020.102214>
- Wang, F., Chen, Y., Chang, Y., Sun, G., & Sun, Y. (2018). New anthropometric indices or old ones: Which perform better in estimating cardiovascular risks in Chinese adults. *BMC Cardiovascular Disorders*, 18(1), 1–7. <https://doi.org/10.1186/s12872-018-0754-z>
- Xu, J., Wu, Q., Zhou, Y., Jin, Z., & Zhu, Y. (2020). *Body Shape Index and Body Roundness Index : Two New Body Indices for Prediction of Multiple Metabolic Risk Factors in Southern China Adults*. May, 1–15.
- Zhang, J., Zhu, W., Qiu, L., Huang, L., & Fang, L. (2018). Sex- and age-specific optimal anthropometric indices as screening tools for metabolic syndrome in Chinese adults. *International Journal of Endocrinology*, 2018. <https://doi.org/10.1155/2018/1067603>
- Zhang, N., Chang, Y., Guo, X., Chen, Y., Ye, N., & Sun, Y. (2016). A Body Shape Index and Body Roundness Index: Two new body indices for detecting association between obesity and hyperuricemia in rural area of China. *European Journal of Internal Medicine*, 29, 32–36. <https://doi.org/10.1016/j.ejim.2016.01.019>
- Zhao, Q., Zhang, K., Li, Y., Zhen, Q., Shi, J., Yu, Y., Tao, Y., Cheng, Y., & Liu, Y. (2018). Capacity of a body shape index and body roundness index to identify diabetes mellitus in Han Chinese people in Northeast China: a cross-sectional study. *Diabetic Medicine*, 35(11), 1580–1587. <https://doi.org/10.1111/dme.13787>