

REFERENCE

- Alberti, K., Eckel, R., Grundy, S., Zimmet, P., Cleeman, J., Donato, K., Fruchart, J., James, W., Loria, C. and Smith, S. (2009). Harmonizing the Metabolic Syndrome. *Circulation*, 120(16), pp.1640-1645.
- Alefishat, E., Abu Farha, R. and Al-Debei, M. (2016). Self-Reported Adherence among Individuals at High Risk of Metabolic Syndrome: Effect of Knowledge and Attitude. *Medical Principles and Practice*, 26(2), pp.157-163.
- America, L., & Edition, C. R. (2010). The global burden of disease: generating evidence, guiding policy.
- Beigh, S. and Jain, S. (2012). Prevalence of metabolic syndrome and gender differences. *Bioinformation*, 8(13), pp.613-616.
- Bener, A., Zirie, M., Musallam, M., Khader, Y., & Al-Hamaq, A. (2009). Prevalence of Metabolic Syndrome According to Adult Treatment Panel III and International Diabetes Federation Criteria: A Population-Based Study. *Metabolic Syndrome and Related Disorders*, 7(3), 221-230. doi: 10.1089/met.2008.0077
- Carnethon, M., Loria, C., Hill, J., Sidney, S., Savage, P., & Liu, K. (2004). Risk Factors for the Metabolic Syndrome: The Coronary Artery Risk Development in Young Adults (CARDIA) study, 1985-2001. *Diabetes Care*, 27(11), 2707-2715. doi: 10.2337/diacare.27.11.2707.
- Chaiyasoot, K., Sarasak, R., Pheungruang, B., Dawilai, S., Pramyothin, P., Boonyasiri, A., Supapueng, O., Jassil, F., Yamwong, P. and Batterham, R. (2018). Evaluation of a 12-week lifestyle education intervention with or without partial meal replacement in Thai adults with obesity and metabolic syndrome: a randomised trial. *Nutrition & Diabetes*, 8(1).
- Cortez, R., Batista, A., Rocha, M., Santos, I., Moura, J. and Silva, A. (2018). Students' knowledge of metabolic syndrome after educational intervention. *Revista Brasileira de Enfermagem*, 71(suppl 4), pp.1493-1499.
- Dattilo, A., & Kris-Etherton, P. (1992). Effects of weight reduction on blood lipids and lipoproteins: a meta-analysis. *The American Journal of Clinical Nutrition*, 56(2), 320-328. doi: 10.1093/ajcn/56.2.320.
- De Jonge, L., Bray, G., Smith, S., Ryan, D., de Souza, R., Loria, C., Champagne, C., Williamson, D. and Sacks, F. (2012). Effect of Diet Composition and Weight Loss on Resting Energy Expenditure in the POUNDS LOST Study. *Obesity*, 20(12), pp.2384-2389.
- Fezeu, L., Balkau, B., Kengne, A., Sobngwi, E. and Mbanya, J. (2007). Metabolic syndrome in a sub-Saharan African setting: Central obesity may be the key determinant. *Atherosclerosis*, 193(1), pp.70-76.
- Finkler, E., Heymsfield, S., & St-Onge, M. (2012). Rate of Weight Loss Can Be Predicted by Patient Characteristics and Intervention Strategies. *Journal of The Academy of Nutrition And Dietetics*, 112(1), 75-80. doi: 10.1016/j.jada.2011.08.034
- Gharipour, M., Sadeghi, M., Hosseini, M., Andalib, E., Boroujeni, M. B., & Sarrafzadegan, N. (2015). Effect of age on the phenotype of metabolic syndrome in developing country. *Advanced biomedical research*, 4.

- Grundy, S., Cleeman, J., Daniels, S., Donato, K., Eckel, R., Franklin, B., Gordon, D., Krauss, R., Savage, P., Smith, S., Spertus, J. and Costa, F. (2005). Diagnosis and Management of the Metabolic Syndrome. *Circulation*, 112(17), pp.2735-2752.
- Haslam, D., Sattar, N. and Lean, M. (2006). Obesity—time to wake up. *BMJ*, 333(7569), pp.640-642.
- Herningtyas, E. and Ng, T. (2019). Prevalence and distribution of metabolic syndrome and its components among provinces and ethnic groups in Indonesia. *BMC Public Health*, 19(1).
- Hubbard, R., & Beck, E. (1939). CHANGES IN THE GLUCOSE TOLERANCE OF OBESE SUBJECTS AFTER WEIGHT REDUCTION. *Journal Of Clinical Investigation*, 18(6), 783-789. doi: 10.1172/jci101095
- International Diabetes Federation. (2006) *The IDF consensus worldwide definition of the Metabolic Syndrome* [PDF].
- Isomaa, B., Almgren, P., Tuomi, T., Forsen, B., Lahti, K., Nissen, M., Taskinen, M. and Groop, L. (2001). Cardiovascular Morbidity and Mortality Associated with the Metabolic Syndrome. *Diabetes Care*, 24(4), pp.683-689.
- Janus, E., Postiglione, A., Singh, R., & Lewis, B. (1996). The Modernization of Asia. *Circulation*, 94(11), 2671-2673. doi: 10.1161/01.cir.94.11.2671
- Kim, H., Kim, D., Jung, I., Park, C. and Park, J. (2007). Prevalence of the metabolic syndrome among Korean adults using the new International Diabetes Federation definition and the new abdominal obesity criteria for the Korean people. *Diabetes Research and Clinical Practice*, 77(1), pp.99-106.
- Kirchengast, S. (2010). Gender Differences in Body Composition from Childhood to Old Age: An Evolutionary Point of View. *Journal of Life Sciences*, 2(1), 1-10. doi: 10.1080/09751270.2010.11885146
- Kuk, J. and Ardern, C. (2010). Age and Sex Differences in the Clustering of Metabolic Syndrome Factors: Association with mortality risk. *Diabetes Care*, 33(11), pp.2457-2461.
- Neter, J., Stam, B., Kok, F., Grobbee, D., & Geleijnse, J. (2003). Influence of Weight Reduction on Blood Pressure. *Hypertension*, 42(5), 878-884. doi: 10.1161/01.hyp.0000094221.86888.ae
- NHLBI Obesity Education Initiative, National Heart, Lung, Blood Institute, North American Association for the Study of Obesity, Expert Panel on the Identification, ... & Obesity in Adults (US). (2000). *The practical guide: identification, evaluation, and treatment of overweight and obesity in adults*. The Institute.
- Oetoro, S., Makmun, L., Lukito, W., & Wijaya, A. (2014). Effect of a Weight Loss Program on Body Composition and Metabolic Syndrome Markers in Obese Weight Cyclers. *Indonesian Journal Of Internal Medicine*, 46(3).
- Ogurtsova, K., da Rocha Fernandes, J., Huang, Y., Linnenkamp, U., Guariguata, L., & Cho, N. et al. (2017). IDF Diabetes Atlas: Global estimates for the prevalence of diabetes for 2015 and 2040. *Diabetes Research And Clinical Practice*, 128, 40-50. doi: 10.1016/j.diabres.2017.03.024
- Oster, G., Thompson, D., Edelsberg, J., Bird, A. and Colditz, G. (1999). Lifetime health and economic benefits of weight loss among obese persons. *American Journal of Public Health*, 89(10), pp.1536-1542.

- Prevalensi Obesitas Pada Penduduk Umur > 18 Tahun, 2007 & 2013. (2018). Retrieved from <https://www.bps.go.id/dynamictable/2018/08/13/1557/prevalensi-obesitas-pada-penduduk-umur-18-tahun-2007-2013.html>
- Pritchett, A., Foreyt, J., & Mann, D. (2005). Treatment of the metabolic syndrome: The impact of lifestyle modification. *Current Atherosclerosis Reports*, 7(2), 95-102. doi: 10.1007/s11883-005-0030-4.
- Ranasinghe, P., Mathangasinghe, Y., Jayawardena, R., Hills, A. and Misra, A. (2017). Prevalence and trends of metabolic syndrome among adults in the asia-pacific region: a systematic review. *BMC Public Health*, 17(1).
- Reckelhoff, J. (2001). Gender Differences in the Regulation of Blood Pressure. *Hypertension*, 37(5), 1199-1208. doi: 10.1161/01.hyp.37.5.1199
- Regitz-Zagrosek, V., Lehmkuhl, E. and Weickert, M. (2006). Gender differences in the metabolic syndrome and their role for cardiovascular disease. *Clinical Research in Cardiology*, 95(3), pp.136-147.
- Rosenbaum, M., & Leibel, R. (1999). Role of Gonadal Steroids in the Sexual Dimorphisms in Body Composition and Circulating Concentrations of Leptin. *The Journal of Clinical Endocrinology & Metabolism*, 84(6), 1784-1789. doi: 10.1210/jcem.84.6.5787
- Kementerian Kesehatan RI. (2013). *RISKESDAS 2013* [PDF]. DKI Jakarta. Retrieved from <http://www.depkes.go.id/resources/download/general/Hasil%20Riskasdas%202013.pdf>.
- Park, H., Lee, S., Kim, S., Han, J., & Kim, D. (2006). Prevalence of the Metabolic Syndrome Among Korean Adults According to the Criteria of the International Diabetes Federation. *Diabetes Care*, 29(4), 933-934. doi: 10.2337/diacare.29.04.06.dc06-0069
- RISKESDAS 2018 -- Kementerian Kesehatan RI. (2018). *RISKESDAS 2018* [PDF]. DKI Jakarta. Retrieved from <http://www.depkes.go.id/resources/download/info-terkini/hasil-riskasdas-2018.pdf>
- Saklayen, M. (2018). The Global Epidemic of the Metabolic Syndrome. *Current Hypertension Reports*, 20(2).
- Seidell, J., Cigolini, M., Charzewska, J., Ellsinger, B., Björntorp, P., Hautvast, J., & Szostak, W. (1991). Fat distribution and gender differences in serum lipids in men and women from four European communities. *Atherosclerosis*, 87(2-3), 203-210. doi: 10.1016/0021-9150(91)90022-u
- Scholze, J., Alegria, E., Ferri, C., Langham, S., Stevens, W., Jeffries, D. and Uhl-Hochgraeber, K. (2010). Epidemiological and economic burden of metabolic syndrome and its consequences in patients with hypertension in Germany, Spain and Italy; a prevalence-based model. *BMC Public Health*, 10(1).
- Siervogel, R., Roche, A., Chumlea, W., Morris, J., Webb, P., & Knittle, J. (1982). Blood pressure, body composition, and fat tissue cellularity in adults. *Hypertension*, 4(3), 382-386. doi: 10.1161/01.hyp.4.3.382
- Soewondo, P., Purnamasari, D., Oemardi, M., Waspadji, S., & Soegondo, S. (2010). Prevalence of metabolic syndrome using NCEP/ATP III criteria in Jakarta, Indonesia: the Jakarta primary non-communicable disease risk factors surveillance 2006. *Acta Med Indones*, 42(4), 199-203.
- Stewart, K., Bacher, A., Hees, P., Tayback, M., Ouyang, P. and Jandebaur, S. (2005). Exercise Effects on Bone Mineral Density Relationships to Changes in Fitness and Fatness. *American Journal of Preventive Medicine*, 28(5), pp.453-460.

- Suastika, K., Dwipayana, P., Ratna Saraswati, I., Kuswardhani, T., Astika, N., Putrawan, I., Matsumoto, K., Kajiwaru, N. and Taniguchi, H. (2011). Relationship between age and metabolic disorders in the population of Bali. *Journal of Clinical Gerontology and Geriatrics*, 2(2), pp.47-52.
- Svetkey, L., Clark, J., Funk, K., Corsino, L., Batch, B., Hollis, J., Appel, L., Brantley, P., Loria, C., Champagne, C., Vollmer, W. and Stevens, V. (2013). Greater weight loss with increasing age in the weight loss maintenance trial. *Obesity*, 22(1), pp.39-44.
- Tamindael, O. (2016). Indonesia's productive age population increasing. *ANTARA News*. Retrieved from <https://en.antaranews.com/news/102591/indonesias-productive-age-population-increasing>
- Van Gaal, L., Wauters, M., & De Leeuw, I. (1997). The beneficial effects of modest weight loss on cardiovascular risk factors. *International Journal of Obesity Related Metabolic Disorder*, 21(1), 5-9.
- Whelton, P., Appel, L., Espeland, M., Applegate, W., Ettinger, Jr, W., Kostis, J., Kumanyika, S., Lacy, C., Johnson, K., Folmar, S., Cutler, J. and for the TONE Collaborative Research Group (1998). Sodium Reduction and Weight Loss in the Treatment of Hypertension in Older Persons. *JAMA*, 279(11), p.839.
- Williams, R., Wood, L., Collins, C. and Callister, R. (2014). Effectiveness of weight loss interventions - is there a difference between men and women: a systematic review. *Obesity Reviews*, 16(2), pp.171-186.
- Wing, R. (1987). Long-term effects of modest weight loss in type II diabetic patients. *Archives of Internal Medicine*, 147(10), pp.1749-1753.