

## DAFTAR PUSTAKA

- Adult Treatment Panel III, 2001. *Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults. Executive Summary of the Third Report of the National Cholesterol Education Program (NCEP) Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults (Adult Treatment Panel III)*. JAMA. 285: 2486-2496.
- Almatsier, Sumba, 2009. *Prinsip Ilmu Dasar Gizi*, Jakarta: PT Gramedia Pustaka Utama.
- Al-Sahrif, F. M., 2017. *Impact of obesity on adipokines, inflammatory cytokines and clinical symptoms control in asthmatic subjects*. J Lung Pulm Respir Res, 4(4), 00136. Tersedia (<https://medcraveonline.com/JLPRR/impact-of-obesity-on-adipokines-inflammatory-cytokines-and-clinical-symptoms-control-in-asthmatic-subjects.html>).
- Arisman, M. M. 2010. *Obesitas, Diabetes Melitus, & Dislipidemia*. Jakarta: Penerbit Buku Kedokteran-EGC.
- Ashraf, H., Laway, B. A., Afroze, D., & Wani, A. I., 2018. *Evaluation of proinflammatory cytokines in obese vs non-obese patients with metabolic syndrome*. Indian journal of endocrinology and metabolism, 22(6), 751. Tersedia <https://www.ijem.in/article.asp?issn=22308210;year=2018;volume=22;issue=6;spage=751;epage=756;aulast=Ashraf>).
- Azwar, I. G. M. 1985. *Kemungkinan Penggunaan Enzyme-linked Immunosorbent Assay (ELISA) Dalam Diagnosa Serologis Brucellosis*. IPB: Bogor.
- Baratawidjaya, Karnen Garna, Rengganis Iris., 2014. *Imunologi Dasar Edisi ke II*. Badan Penerbit Fakultas Kedokteran Universitas Indonesia; Jakarta.
- Bustan Nadjib, M., 2015, *Manajemen Pengendalian Penyakit tidak Menular*. Jakarta: Rineka Cipta.
- Depkes RI, 2013, *Laporan Nasional Riset Kesehatan Dasar (RISKESDAS)*. Jakarta: Badan Penelitian dan Pengembangan Kesehatan RI.
- Depkes RI, 2018, *Laporan Nasional Riset Kesehatan Dasar (RISKESDAS)*. Jakarta: Badan Penelitian dan Pengembangan Kesehatan RI.
- Djausal, A. N. 2015. *Effect of central obesity as risk factor of metabolic syndrome*. Lampung: Faculty Of Medicine, Lampung University.
- Dodoo, D., Omer, F. M., Todd, J., Akanmori, B. D., Koram, K. A., & Riley, E. M. 2002. *Absolute levels and ratios of proinflammatory and anti-inflammatory cytokine production in vitro predict clinical immunity to*

*Plasmodium falciparum* malaria. The Journal of infectious diseases, 185(7), 971-979.

El-Byoumy, I., 2017. *Interleukin 6 as inflammatory marker and insulin resistance in obese Kuwaiti adolescents*. Integr Obesity Diabetes. Tersedia (<https://www.oatext.com/interleukin-6-as-inflammatory-marker-and-insulin-resistance-in-obese-kuwaiti-adolescents.php>).

Elisa, 2017. *Elisa Basics Guide*. Life Sciences Group, Canada.

Fenkci, S., Rota, S., Sabir, N., Sermez, Y., Guclu, A., & Akdag, B.. 2006. *Relationship of serum interleukin-6 and tumor necrosis factor  $\alpha$  levels with abdominal fat distribution evaluated by ultrasonography in overweight or obese postmenopausal women*. Journal of investigative medicine, 54(8), 455-460. Tersedia (<https://pubmed.ncbi.nlm.nih.gov/17169269/>).

Garg, M. K., Dutta, M. K., & Mahalle, N., 2012. *Adipokines (adiponectin and plasminogen activator inhibitor-1) in metabolic syndrome*. Indian journal of endocrinology and metabolism, 16(1), 116. Tersedia (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3263179/>).

Gariballa, S., Alkaabi, J., Yasin, J., & Al Essa, A., 2019. *Total adiponectin in overweight and obese subjects and its response to visceral fat loss*. BMC endocrine disorders, 19(1), 1-6. Tersedia (<https://pubmed.ncbi.nlm.nih.gov/31159801/>).

Garrow, J.S., 1988. *Obesity and Related Diseases*. London: Churchill Livingstone.

Greenberg, A. S., & Obin, M. S. 2006. *Obesity and the role of adipose tissue in inflammation and metabolism*. The American journal of clinical nutrition, 83(2), 461S-465S.

Grundy, S. M. 2006. *Metabolic syndrome: connecting and reconciling cardiovascular and diabetes worlds*. Journal of the American College of Cardiology, 47(6), 1093-1100.

Guyton C, Arthur, 2007. *Buku Ajar Fisiologi kedokteran*, Jakarta: EGC.

Hussey, J., Gormley, J., Bell, C., Roche, E. F., & Hoey, H. 2006. *Exercise tolerance and physical activity levels in children referred to a weight reduction clinic*. Irish medical journal, 99(2), 46.

Juárez-Herrera, Ú., Jerjes Sánchez, C., González-Pacheco, H., & Martínez-Sánchez, C. 2010. *In-hospital outcome in patients with ST elevation myocardial infarction and right bundle branch block: A sub-study from RENASICA II, a national multicenter registry*. Archivos de cardiología de México, 80(3), 154-158.

Kaestner, R. 2009. *Obesity: causes, consequences and public policy solutions*. The Illinois Report, 94, 102.

- Kale, P. V., Chhajed, D. R., Khapli, S. S., Tripathi, N. R., & Randhawa, G. K. G. S. 2015. *Extraction: A parameter in Bolton ratio*. Journal of Dental and Allied Sciences, 4(1), 3.
- Kitsios, K., Papadopoulou, M., Kosta, K., Kadoglou, N., Chatzidimitriou, D., Chatzopoulou, F., & Malisiovas, N., 2012. *Interleukin-6, Tumor Necrosis Factor alpha and metabolic disorders in Youth*. Journal of Endocrinology and Metabolism, 120-127. Tersedia (<https://www.jofem.org/index.php/jofem/article/view/111/135>).
- Klünder-Klünder, M., Cruz, M., García-Macedo, R., & Flores-Huerta, S., 2014. *Inflammatory cytokines adiponectin, resistin, IL-6 and IFN- $\gamma$  are associated with insulin resistance in eutrophic and obese children*. Boletín médico del Hospital Infantil de México, 71(1), 8-14. Tersedia (<https://www.elsevier.es/es-revista-boletin-medico-del-hospital-infantil-401-articulo-inflamatory-cytokines-adiponectin-resistin-il-6-X1665114614779236>).
- Korre Daniel. 2016. *Reaksi Inflamasi Pada Anak Stunted-Obesity Usia 9-12 Tahun Di Kota Semarang*. Semarang: Universitas Diponegoro.
- Lumeng, C. N., & Saltiel, A. R. (2011). *Inflammatory links between obesity and metabolic disease*. The Journal of clinical investigation, 121(6), 2111-2117.
- Marques-Vidal, P., Bochud, M., Bastardot, F., Lüscher, T., Ferrero, F., Gaspoz, J. M., & Vollenweider, P., 2012. *Association between inflammatory and obesity markers in a Swiss population-based sample (CoLaus Study)*. Obesity facts, 5(5), 734-744. Tersedia (<https://www.karger.com/Article/Fulltext/345045>).
- Miller, D. C. 2006. *Mechanism of enhanced vascular cell response to polymeric biomaterials with nano-structured surface features*. ProQuest Information and Learning Company, Ann Arbor.
- Mohammadi, M., Gozashti, M. H., Aghadavood, M., Mehdizadeh, M. R., & Hayatbakhsh, M. M., 2017. *Clinical significance of serum IL-6 and TNF- $\alpha$  levels in patients with metabolic syndrome*. Reports of biochemistry & molecular biology, 6(1), 74. Tersedia (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5643447/>).
- National Heart, Lung, and Blood Institute, National Institute of Health (NIH), 2012. *What causes Overweight and Obesity*. Tersedia (<https://www.nhlbi.nih.gov/health-topics/overweight-and-obesity>) [9 Oktober 2020]
- Rocha, V. Z., Folco, E. J., Sukhova, G., Shimizu, K., Gotsman, I., Vernon, A. H., & Libby, P. 2008. *Interferon- $\gamma$ , a Th1 cytokine, regulates fat inflammation: a role for adaptive immunity in obesity*. Circulation research, 103(5), 467-476.

- Rodrigues, K. F., Pietrani, N. T., Bosco, A. A., Campos, F. M. F., Sandrim, V. C., & Gomes, K. B., 2017. *IL-6, TNF- $\alpha$ , and IL-10 levels/polymorphisms and their association with type 2 diabetes mellitus and obesity in Brazilian individuals*. Archives of endocrinology and metabolism, 61(5), 438-446.. Tersedia ([https://www.scielo.br/scielo.php?script=sci\\_arttext&pid=S2359-39972017000500438](https://www.scielo.br/scielo.php?script=sci_arttext&pid=S2359-39972017000500438)).
- Santoso, Y., Warouw, S. M., Mandei, J. M., & Salendu, P., 2017. *Hubungan antara Kadar Asam Urat, Interleukin-6 dan hs-CRP pada Anak Obes*. Sari Pediatri, 18(4), 320-4. Tersedia (<https://saripediatri.org/index.php/saripediatri/article/view/1042>).
- Schwarzenberg, S. J., & Sinaiko, A. R. 2006. *Obesity and inflammation in children*. Paediatric Respiratory Reviews, 7(4), 239-246.
- Semiardji, G., 2004. *Petunjuk Praktis Penatalaksanaan Dislipidemia*. Jakarta: Pengurus Besar Perkumpulan Endokrinologi Indonesia.
- Sikaris K. A. 2004. *The clinical biochemistry of obesity*. Clin. Biochem.
- Silalahi, T. N. 2013. *Penelitian Kadar High Sensitivity C-Reactive Protein Pada Subjek Sindrom Metabolik*. Repository.usu.ac.id.
- Silveira, L. S., Monteiro, P. A., Antunes, B. D. M. M., Seraphim, P. M., Fernandes, R. A., Christofaro, D. G. D., & Júnior, I. F. F. 2013. *Intra-abdominal fat is related to metabolic syndrome and non-alcoholic fat liver disease in obese youth*. BMC pediatrics, 13(1), 1-6.
- Soeroso, A. 2007. *Sitokin*. Jurnal Oftalmologi Indonesia, Surakarta: Fakultas Kedokteran Universitas Negeri Sebelas Maret 5(3), 171-180.
- Sugondo S. 2009. *Buku Ajar Ilmu Penyakit Dalam Jilid III Edisi V*. Jakarta: FKUI, hal : 1977-1980
- Sugondo, Sidartawan, 2006. *Buku Ajar Ilmu Penyakit Dalam*. Jakarta: Internal Publishing, Jilid III, Ed. V.
- The International Diabetes Federation (IDF), 2006. *Consensus Worldwide Definition of Metabolic Syndrome*. The New IDF definition of Metabolic Syndrome.
- Thèze, J. Ed., 1999. *The cytokine network and immune functions*. Oxford University Press, USA.
- Tjokropawiro, A. 2006. *New approach in the treatment of T2DM and metabolic syndrome (focus on a novel insulin sensitizer)*. The Indonesian Journal of Internal Medicine, 38(3), 160-166.
- Toto Sudargo dkk. 2014. *Pola Makan dan Obesitas*. Yogyakarta: Gadjah Mada University Press.

- Trøseid, M., Seljeflot, I., & Arnesen, H. 2010. *The role of interleukin-18 in the metabolic syndrome*. BioMed Central: Cardio Diabetology, 9(1), 1-8.
- Wantania, F., Lefrandt, R. L., & Pandelaki, K., 2011. *Adiponectin and tumor necrosis factor alpha levels, and their correlations with endothelial dysfunction in central obesity*. JURNAL BIOMEDIK: JBM, 3(3). Tersedia(<https://ejournal.unsrat.ac.id/index.php/biomedik/article/view/876>).
- Weisberg, S. P., McCann, D., Desai, M., Rosenbaum, M., Leibel, R. L., & Ferrante, A. W. 2003. *Obesity is associated with macrophage accumulation in adipose tissue*. Journal of Clinical Investigation.
- World Health Organization. 2016. *Obesity Preventing and Managing The Global Epidemic*. Tersedia (<http://www.who.int/topics/obesity/en/>) [ 20 November 2020].
- World Health Organization. 2018, *Obesity and overweight fact sheet*, Geneva. Tersedia (<https://www.who.int/topics/obesity/en/> ) [ 10 Oktober 2020].
- Zembala-Szczerba, M., Jaworowski, A., Huras, H., Babczyk, D., & Jach, R, 2017. *Low-grade metabolically-induced inflammation mediators interleukin-6, adiponectin, and TNF- $\alpha$  serum levels in obese pregnant patients in the perinatal period*. Medical science monitor basic research, 23, 1. Tersedia (<https://pubmed.ncbi.nlm.nih.gov/28077838/>).
- Zohmangaihi, D., Sharma, S. B., & Madhu, S. V., 2019. *Adiponectin, IL-6 and hsCRP: interplay of inflammation with obesity and type 2 diabetes in indian population*. J Diabetes Metab, 10(822), 2. Tersedia (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3917930/>).