

## DAFTAR PUSTAKA

- Adua, E. (2023). Decoding the mechanism of hypertension through multiomics profiling. In *Journal of Human Hypertension* (Vol. 37, Issue 4, pp. 253–264). Springer Nature. <https://doi.org/10.1038/s41371-022-00769-8>
- Agustina, W., Lestari, R. M., & Prasida, D. W. (2023). Hubungan Aktivitas Fisik dengan Kejadian Obesitas pada Usia Produktif di Wilayah Kerja Puskesmas Marina Permai Kota Palangka Raya. *Jurnal Surya Medika*, 9(1), 1–8. <https://doi.org/10.33084/jsm.v9i1.5125>
- Ahmad, A., & Azrin, M. (2019). *Tingkat Daya Tahan Jantung Paru Pada Pusat Pendidikan dan Latihan Pelajar Atlet Sepak Bola (PPLP) Pekanbaru Menggunakan Metode Lari 12 Menit*.
- Alemi, S., Nakamura, K., Arab, A. S., Mashal, M. O., Tashiro, Y., Seino, K., & Hemat, S. (2023). Prevalence, determinants, and association of overweight/obesity with non-communicable disease-related biomedical indicators: A cross-sectional study in schoolteachers in Kabul, Afghanistan. *PLOS Global Public Health*, 3(3), e0001676. <https://doi.org/10.1371/journal.pgph.0001676>
- Ali, P. B., Solikha, D. A., Arifi, M. D., Siahaan, R. G. M., Firdaus, M. Z., Ariteja, S., Wikanestri, I., Nurlita, A. N., Ikrima, I. R., & Taqiyah, H. (2022). *Buku Putih Reformasi Sistem Kesehatan Nasional*. Direktorat Kesehatan dan Gizi Masyarakat.
- Annurullah, G. A., Jasmine, M. S., Saraswati, N. A., & Rizka, Y. (2021). Faktor Risiko Obesitas Pada Pekerja Kantoran : A Systematic Review. *Jurnal Kesehatan Tambusai*, 2(2).
- Alshamiri, M. Q., Mohd A Habbab, F., Al-Qahtani, S. S., Alghalayini, K. A., Al-Qattan, O. M., & El-Shaer, F. (2020). Waist-to-Height Ratio (WHtR) in Predicting Coronary Artery Disease Compared to Body Mass Index and Waist Circumference in a Single Center from Saudi Arabia. *Cardiology Research and Practice*, 2020. <https://doi.org/10.1155/2020/4250793>
- Aprilyanti, N. K. V., Andayani, N. L. N., Muliarta, I. M., & Ruma, I. M. W. (2022). Hubungan antara Lingkar Pinggang dan Tekanan Darah pada Anak Sekolah Dasar Kelas 4-6 di Denpasar Timur. *Majalah Ilmiah Fisioterapi Indonesia*, 10(1), 1. <https://doi.org/10.24843/mifi.2022.v10.i01.p01>

- Arfiyanti, Hayati, T., Irawati Tjahjo Widuri, L., Rachman, A., Andriani Ratna Dewi, D., & Aziz, A. (2023). Description of The Health Condition of Indone-sian Soldiers 1st Infantry Division Kostrad Cilodong. *Journal Eduvest*, 3(11), 2001–2007. <http://eduvest.greenvest.co.id>
- Arsani, N. L. K. A., Wahyuni, N. P. D. S., Agustini, N. N. M., & Budiawan, M. (2022). Deteksi Dini dan Pencegahan Penyakit Kardiovaskuler. *Proceeding Senadimas Undiksha*.
- Asyfah, A., Usraleli, U., Magdalena, M., Sakhnan, S., & Melly, M. (2020). Hubungan Obesitas dengan Kejadian Hipertensi di Wilayah Kerja Puskesmas Sidomulyo Rawat Inap. *Jurnal Ilmiah Universitas Batanghari Jambi*, 20(2), 338. <https://doi.org/10.33087/jjubj.v20i2.926>
- Badriyah, L., & Ekaningrum, Y. A. (2018). Perbedaan Faktor Risiko Obesitas di Pedesaan dan Perkotaan pada Orang Dewasa di Indonesia; Analisis Data Riskesdas 2018. In *Jurnal Ilmiah Kesehatan Masyarakat* (Vol. 14).
- Baioumi, A. Y. A. A. (2019). Comparing Measures of Obesity: Waist Circumference, Waist-Hip, and Waist-Height Ratios. In *Nutrition in the Prevention and Treatment of Abdominal Obesity* (pp. 29–40). Elsevier. <https://doi.org/10.1016/b978-0-12-816093-0.00003-3>
- Bajpai, A. (2022). Waist-to-Height Ratio—Time for a New Obesity Metric? In *Indian Journal of Pediatrics* (Vol. 89, Issue 6, pp. 534–535). Springer. <https://doi.org/10.1007/s12098-022-04173-5>
- Balitbangkes Kemenkes RI. (2020). Rencana Aksi Program 2020-2024. *Badan Penelitian Dan Pengembangan Kesehatan Kementerian Kesehatan Republik Indonesia*.
- Barrett, K. E., Barman, S. M., Brooks, H. L., & Yuan, J. X.-J. (2019). *Ganong's review of medical physiology*.
- Bernstein, S. A., Lo, M., & Davis, W. S. (2017). Proposing using waist-to-height ratio as the initial metric for body fat assessment standards in the u.S. army. *Military Medicine*, 182, 304–309. <https://doi.org/10.7205/Milmed-D-16-00049>
- Dahlan, M. S. (2010). *Besar Sampel dan Cara Pengambilan Sampel ddam Penelitian Kedokteran dan Kesehatan* (3rd ed.). Salemba Medika. <http://www.penerbitsalemba.com>
- Meouchy, P. El, Wahoud, M., Allam, S., Chedid, R., Karam, W., & Karam, S. (2022). Hypertension Related to Obesity: Pathogenesis, Characteristics and Factors for Control. In *International Journal of*

*Molecular Sciences* (Vol. 23, Issue 20). MDPI.  
<https://doi.org/10.3390/ijms232012305>

- Fajria, A., Kusharisupeni Departemen Gizi Kesehatan Masyarakat, dan, & Kesehatan Masyarakat, F. (2021). *Indeks Massa Tubuh, Lingkar Pinggang, dan Rasio Lingkar Pinggang Tinggi Badan sebagai Prediksi Hipertensi pada Karyawan* (Vol. 5).  
<http://jos.unsoed.ac.id/index.php/jgps>
- Faridah, E., & Nugroho, S. (2022). *Metode Senam Fleksibilitas dan Obesitas terhadap Penurunan Lemak Pinggang*. Penerbit Widina Bhakti Persada Bandung. [www.penerbitwidina.com](http://www.penerbitwidina.com)
- Fauziyah. (2018). Analisis Data Menggunakan Chi Square Test di Bidang Kesehatan Masyarakat dan Klinis. In G. P. E. Mulyo (Ed.), *Politeknik Kesehatan Kemenkes Bandung* (1st ed.). Politeknik Kesehatan Kemenkes Bandung.
- Friedenreich, C. M., Ryder-Burbidge, C., & McNeil, J. (2021). Physical activity, obesity and sedentary behavior in cancer etiology: epidemiologic evidence and biologic mechanisms. In *Molecular Oncology* (Vol. 15, Issue 3, pp. 790–800). John Wiley and Sons Ltd.  
<https://doi.org/10.1002/1878-0261.12772>
- Fulk, G. (2023). Descriptive Statistics, An Important First Step. In *Journal of Neurologic Physical Therapy* (Vol. 47, Issue 2, p. 63). Lippincott Williams and Wilkins. <https://doi.org/10.1097/npt.0000000000000434>
- Gelmini, G., Pettenati, P., Baratta, S., Loss, M. G., Lunghi, M., & Veronese, N. (2020). Evaluation of bio-psycho-social frailty in older persons on the territory: The method and the experience of the 'medesano health house.' *Acta Biomedica*, 91(2), 389–395.  
<https://doi.org/10.23750/abm.v91i2.9628>
- Gupta, S., Nichols, P., Lohse, C. M., Kosari, F., Kattah, A. G., Harris, F. R., Karagouga, G., Mehra, R., Fine, S. W., Reuter, V. E., Herrera-Hernandez, L., Zganjar, A. J., Britton, C. J., Potretzke, A. M., Boorjian, S. A., Thompson, R. H., Jimenez, R. E., Leibovich, B. C., Garovic, V. D., ... Sharma, V. (2022). Renin Production by Juxtaglomerular Cell Tumors and Clear Cell Renal Cell Carcinoma and the Role of Angiotensin Signaling Inhibitors. *Mayo Clinic Proceedings*, 97(11), 2050–2064. <https://doi.org/10.1016/j.mayocp.2022.03.034>
- Hollerbach, B. S., Haddock, C. K., Kukić, F., Poston, W. S. C., Jitnarin, N., Jahnke, S. A., DeBlauw, J. A., & Heinrich, K. M. (2022). Comparisons of Baseline Obesity Prevalence and Its Association with Perceived

- Health and Physical Performance in Military Officers. *Biology*, 11(12).  
<https://doi.org/10.3390/biology11121789>
- Khoiroh, M., Muniroh, L., Raditya Atmaka, D., Yunita Arini, S., Gizi, D., Kesehatan Masyarakat, F., Airlangga, U., & Kesehatan dan Keselamatan Kerja, D. (2022). Hubungan Obesitas Sentral, Durasi Tidur, dan Tingkat Kecukupan Energi dengan Kelelahan pada Pekerja Wanita di PT Galaxy Surya Panelindo The Relationship Between Central Obesity, Sleep Duration, and Energy Adequacy with Fatigue Among Female Workers in PT Galaxy Surya Panelindo. *Media Gizi Indonesia (National Nutrition Journal)*, 17, 106–114.  
<https://doi.org/10.204736/mgi.v17i2.106-114>
- Kunanon, S., Roubsanthisuk, W., Chattranukulchai, P., Sangwatanaroj, S., Ophascharoensuk, V., Sitthisook, S., & Sukonthasarn, A. (2022). 2022 Thai Hypertension Society guidelines on home blood pressure monitoring. *Journal of Clinical Hypertension*, 24(9), 1139–1146.  
<https://doi.org/10.1111/jch.14569>
- Kurniansyah, M. R. T. (2020). Hubungan Antropometri Dengan Kebugaran Jasmani Pemain Sepakbola SMA. *Jurnal Cerdas Sifa Pendidikan*, 9, 39–55.
- Kurniasih, H., Dwi Purnanti, K., Atmajaya, R., Kebidanan, J., & Kemenkes Semarang, P. (2022). Pengembangan Sistem Informasi Penyakit Tidak Menular (PTM) Berbasis Teknologi Informasi. In *Jurnal TEKNOINFO* (Vol. 16, Issue 1). <http://sip-tmen.id/>
- Lestari, R., Warseno, A., Trisetyaningsih, Y., Kartika Rukmi, D., Suci, A., Jenderal Achmad Yani Yogyakarta, U., & Jalan Brawijaya Gamping Kidul, Y. (2020). *Pemberdayaan Kader Kesehatan dalam Mencegah Penyakit Tidak Menular melalui Posbindu PTM*.
- Lusno, M. F. D., Haksama, S., Wulandari, A., Sriram, S., Shedysni, S. N., Farid, M. R. H., Farid, A. F., & Shedyta, S. Z. (2020). Association Between Smoking and Hypertension as a Disease Burden in Sidoarjo: a Case-Control Study. *International Journal of Applied Biology*, 4(2).
- Maaliki, D., Itani, M. M., & Itani, H. A. (2022). Pathophysiology and genetics of salt-sensitive hypertension. In *Frontiers in Physiology* (Vol. 13). Frontiers Media S.A. <https://doi.org/10.3389/fphys.2022.1001434>
- Maulia, M., Hengky, H. K., Program, H. M., Kesehatan, S., Fakultas, M., Kesehatan, I., & Parepare, U. M. (2021). *Analisis Kejadian Penyakit Hipertensi di Kabupaten Pinrang Analysis Of The Event Of*

*Hypertension Disease In Pinrang District* (Vol. 4, Issue 3).  
<http://jurnal.umpar.ac.id/index.php/makes>

- Meouchy, P. El, Wahoud, M., Allam, S., Chedid, R., Karam, W., & Karam, S. (2022). Hypertension Related to Obesity: Pathogenesis, Characteristics and Factors for Control. In *International Journal of Molecular Sciences* (Vol. 23, Issue 20). MDPI. <https://doi.org/10.3390/ijms232012305>
- Meyer, S., & Cole, R. (2019). Army body composition program study results concerning: Enrollees are more over fat than expected. *Military Medicine*, 184, 400–408. <https://doi.org/10.1093/milmed/usy302>
- Moosaie, F., Fatemi Abhari, S. M., Deravi, N., Karimi Behnagh, A., Esteghamati, S., Dehghani Firouzabadi, F., Rabizadeh, S., Nakhjavani, M., & Esteghamati, A. (2021). Waist-To-Height Ratio Is a More Accurate Tool for Predicting Hypertension Than Waist-To-Hip Circumference and BMI in Patients With Type 2 Diabetes: A Prospective Study. *Frontiers in Public Health*, 9. <https://doi.org/10.3389/fpubh.2021.726288>
- Muiesan, M. L., Pais, P., John', S., & Pirojsakul, K. (2023). *Waist-to-height-ratio is associated with sustained hypertension in children and adolescents with high office blood pressure.*
- Munandar, Y. (2022). Increase in the Number of Active Smokers during the COVID-19 Pandemic in Indonesia. *IOP Conference Series: Earth and Environmental Science*, 950(1). <https://doi.org/10.1088/1755-1315/950/1/012062>
- Muscogiuri, G., Verde, L., Sulu, C., Katsiki, N., Hassapidou, M., Frias-Toral, E., Cucalón, G., Pazderska, A., Yumuk, V. D., Colao, A., & Barrea, L. (2022). Mediterranean Diet and Obesity-related Disorders: What is the Evidence? In *Current Obesity Reports* (Vol. 11, Issue 4, pp. 287–304). Springer. <https://doi.org/10.1007/s13679-022-00481-1>
- Ni Made Renita Jeniswari. (2023). *Hubungan Rasio Lingkar Pinggang terhadap Tinggi Badan dengan Hipertensi di Puskesmas Buleleng I (Studi pada Kelompok Usia 45-54 Tahun).*
- Noer, E. R., Dieny, F. F., Margawati, A.-, & Florencia, D.-. (2023). Conicity Index, Lingkar Pinggang, dan Rasio Lingkar Pinggang-Tinggi Badan dengan Kadar Glukosa Darah Puasa pada Dewasa. *Journal of The Indonesian Nutrition Association*, 46(1), 99–108. <https://doi.org/10.36457/gizindo.v46i1.737>

- Nurhikmawati, Ananda, S. R., Idrus, H. H., Wisudawan, & Fattah, N. (2020). Karakteristik Faktor Risiko Hipertensi di Makassar 2017. *Indonesian Journal of Health*, 1. <https://www.researchgate.net/publication/345559063>
- Pakpahan, R., Julien Sitanggung, E., & Pratiwi Sipayung, N. (2022). Hubungan Lingkar Pinggang dan Indeks Massa Tubuh dengan Tekanan Darah pada Laki-Laki di Wilayah Kerja Puskesmas Seberida. *NJM*, 8(1).
- Piché, M. E., Tchernof, A., & Després, J. P. (2020). Obesity Phenotypes, Diabetes, and Cardiovascular Diseases. In *Circulation Research* (Vol. 126, Issue 11, pp. 1477–1500). Lippincott Williams and Wilkins. <https://doi.org/10.1161/Circresaha.120.316101>
- Purwaningsih, N. S., & Suhartini, S. M. (2020). *Deteksi Dini Faktor Risiko Penyakit Tidak Menular (PTM) di Posbindu Pelangi RW 05-Srengseng Sawah Jagakarsa-Jakarta Selatan early detection risk of communicable diseases in Posbindu Pelangi RW 05-Srengseng Sawah Jagakarsa-Jakarta Selatan* (Vol. 1, Issue 1).
- Rezqi, E. G., Fathana, P. B., & Dirja, B. T. (2023). Hubungan Perilaku Merokok dan Obesitas dengan Kejadian Hipertensi pada Guru SMAN di Kota Mataram. *Intisari Sains Medis*, 14(1), 237–242. <https://doi.org/10.15562/ism.v14i1.1569>
- Rumbo-Rodríguez, L., Sánchez-Sansegrundo, M., Ferrer-Cascales, R., García-D'urso, N., Hurtado-Sánchez, J. A., & Zaragoza-Martí, A. (2021). Comparison of body scanner and manual anthropometric measurements of body shape: A systematic review. In *International Journal of Environmental Research and Public Health* (Vol. 18, Issue 12). MDPI AG. <https://doi.org/10.3390/ijerph18126213>
- Saida. (2014). Analisis Faktor Risiko Kejadian Hipertensi Di Wilayah Kerja Puskesmas Rarowatu Utara Kab. Bombana Tahun 2011. *Jurnal Keperawatan*, 1.
- Saraswati, S. K., Rahmaningrum, F. D., Pahsya, M. N. Z., Paramitha, N., Wulansari, A., Ristantya, A. R., Sinabutar, B. M., Pakpahan, V. E., & Nandini, N. (2021). Literature Review: Faktor Risiko Penyebab Obesitas. *Media Kesehatan Masyarakat Indonesia*, 20(1), 70–74. <https://doi.org/10.14710/mkmi.20.1.70-74>
- Sekarrini, R., Kunci, K., Tidak Menular, P., & Risiko, F. (2022). *Humantech Jurnal Ilmiah Multi Disiplin Indonesia: Gambaran Faktor Risiko*

*Penyakit Tidak Menular di Kelurahan Umban Sari Kecamatan Rumbai Pekanbaru Menggunakan Pendekatan Stepwise WHO.*

- Septianingrum, S. A., & Isaura, E. R. (2023). Analysis of Macronutrients and Body Weight of Kavaleri TNI AD Soldiers During Weight Loss Diet in Bandung and Jakarta. *Media Gizi Kesmas*, 12(1), 30–36. <https://doi.org/10.20473/mgk.v12i1.2023.30-36>
- Septiyanti, S., & Seniwati, S. (2020). Obesity and Central Obesity in Indonesian Urban Communities. *Jurnal Ilmiah Kesehatan (JIKA)*, 2(3), 118–127. <https://doi.org/10.36590/jika.v2i3.74>
- Shanks, J., & Ramchandra, R. (2021). Angiotensin II and the cardiac parasympathetic nervous system in hypertension. In *International Journal of Molecular Sciences* (Vol. 22, Issue 22). MDPI. <https://doi.org/10.3390/ijms222212305>
- Shariq, O. A., & McKenzie, T. J. (2020). Obesity-Related Hypertension: A Review of Pathophysiology, Management, and The Role of Metabolic Surgery. *Gland Surgery*, 9(1), 80–93. <https://doi.org/http://dx.doi.org/10.21037/g.s.2019.12.03>
- Sormin, E., & Siagian, C. (2022). Pelatihan Pengukuran Antropometri dan Edukasi Gizi Seimbang sebagai Upaya Revitalisasi Posyandu dalam Rangka Menurunkan Angka Stunting di Kelurahan Cawang/Jakarta Timur. *Jurnal Comunit Ã Servizio*.
- Sudayasa, I. P., Rahman, M. F., Eso, A., Jamaluddin, J., Parawansah, P., Alifariki, L. O., Arimaswati, A., & Kholidha, A. N. (2020). Deteksi Dini Faktor Risiko Penyakit Tidak Menular Pada Masyarakat Desa Andepali Kecamatan Sampara Kabupaten Konawe. *Journal of Community Engagement in Health*, 3(1), 60–66. <https://doi.org/10.30994/jceh.v3i1.37>
- Tian, Y., & Zhang, Y. (2022). The Relationship Between Hypertension and Physical Activity in Middle-aged and Older Adults Controlling for Demographic, Chronic Disease, and Mental Health Variables. *Medicine (United States)*, 101(47), E32092. <https://doi.org/10.1097/MD.00000000000032092>
- Tiara, U. I. (2020). Hubungan Obesitas dengan Kejadian Hipertensi. *Journal of Health Science and Physiotherapy*, 2, 167–171.
- Tim Riskesdas. (2018a). Laporan Nasional Riskesdas 2018. 2018.
- Tim Riskesdas. (2018b). *Laporan Provinsi DKI Jakarta Riskesdas 2018*.
- Tim Riskesdas. (2018c). *Laporan Provinsi Jawa Barat Riskesdas 2018*.

- Unger, T., Borghi, C., Charchar, F., Khan, N. A., Poulter, N. R., Prabhakaran, D., Ramirez, A., Schlaich, M., Stergiou, G. S., Tomaszewski, M., Wainford, R. D., Williams, B., & Schutte, A. E. (2020). 2020 International Society of Hypertension Global Hypertension Practice Guidelines. *Hypertension*, *75*(6), 1334–1357. <https://doi.org/10.1161/HypertensionAHA.120.15026>
- Urry, L. A., Cain, M. L., Wasserman, S. A., Minorsky, P. V., & Orr, R. B. (2020). *Campbell Biology*.
- Zhang, F. L., Ren, J. X., Zhang, P., Jin, H., Qu, Y., Yu, Y., Guo, Z. N., & Yang, Y. (2021). Strong Association of Waist Circumference (WC), Body Mass Index (BMI), Waist-to-Height Ratio (WHtR), and Waist-to-Hip Ratio (WHR) with Diabetes: A Population-Based Cross-Sectional Study in Jilin Province, China. *Journal of Diabetes Research*, 2021. <https://doi.org/10.1155/2021/8812431>