# DAFTAR PUSTAKA


Abdurrahman Al Hakim Sampurna Putra S, R. (2021). Nilai Sensitivitas, Spesifisitas, Positive Predictive Value Dan Negative Predictive Value Sphygmomanometer Digital Pada Skrining Hipertensi. *Jurnal Kedokteran Universitas Palangka Raya*, *9*(1), 1210–1218. https://doi.org/10.37304/jkupr.v9i1.2859

Alatas, H. (2020). Studi Epidemiologi Perkembangan Prehipertensi Menjadi Normotensi , Tetap Prehipertensi , prehipertensi setelah 10 tahun pada populasi daerah ( normotensi ), tetap prehipertensi , menjadi. *Herb-Medicine Journal*, *3*, 1–6.

Anshuman Srivastava ; Taaha M. Mirza ; Sarosh Vaqar; Shweta. (2024). Prehypertension. *Treasure Island (FL): StatPearls Publishing*, 1–6.

Antares Group. (2021). *MEDICORE | SA 3000P*. 6–8.

Anthony L. Mescher. (2019). Junqueira's Basic Histology. In *Morphologia* (Vol. 13, Issue 2). https://doi.org/10.26641/1997-9665.2019.3.101-104

Araos, P., Figueroa, S., & Amador, C. A. (2020). The role of neutrophils in hypertension. *International Journal of Molecular Sciences*, *21*(22), 1–16. https://doi.org/10.3390/ijms21228536

Aydin, I., Agilli, M., Aydin, F., Kurt, Y., Cayci, T., Trker, T., Kocak, N., Tas, A., Honca, T., & Ozgrtas, T. (2015). The reference ranges of neutrophil-lymphocyte ratio in different age groups. *Gulhane Medical Journal*, *57*(4), 414. https://doi.org/10.5455/gulhane.166398

Baba, M., Maris, M., Jianu, D., Luca, C. T., Stoian, D., & Mozos, I. (2023). The Impact of the Blood Lipids Levels on Arterial Stiffness. *Journal of Cardiovascular Development and Disease*, *10*(3). https://doi.org/10.3390/jcdd10030127

Bawazier, L. A., Buntaran, S., Sianipar, W., & Kekalih, A. (2019). Blood Pressure Profile of Young Adults at the Faculty of Medicine Universitas Indonesia. *Acta Medica Indonesiana*, *51*(1), 54–58.

Bloksgaard, M., Lindsey, M., & Martinez-Lemus, L. A. (2018). Extracellular

matrix in cardiovascular pathophysiology. *American Journal of Physiology - Heart and Circulatory Physiology*, *315*(6), H1687–H1690. https://doi.org/10.1152/ajpheart.00631.2018

Bozduman, F., Yildirim, E., & Cicek, G. (2019). *Biomarker hipertensi nondipper pada pasien prehipertensi dan hipertensi*.

Castaneda, D. (2018). A review on wearable photoplethysmography sensors and their potential future applications in health care. *International Journal of Biosensors & Bioelectronics*, *4*(4), 195–202. https://doi.org/10.15406/ijbsbe.2018.04.00125

Casteel, A., & Bridier, N. L. (2021). D Escribing P Opulations and S Amples in D Octoral. *International Journal of Doctoral Studies*, *16*, 339–362.

Deepika, V., & Vijaya Kumar, R. (2018). Evaluation of neutrophil-lymphocyte ratio and arterial stiffness indices among young prehypertensives: A cross-sectional study. *Asian Journal of Pharmaceutical and Clinical Research*, *11*(1), 154–157. https://doi.org/10.22159/ajpcr.2018.v11i1.22150

Dr.vasudevarajapantula1, Dr. A.Satyendrakumar2, Dr.Gangina Sushanth Taukshik3, Dr. Reddy Surendra Babu4*, D. G. S. C. (2024). *Prevalence of Prehypertension and its Risk Factors Among Undergraduate Medical Students in a Tertiary Care Teaching Medical College, Kakinada*. *2*, 929–934. https://www.healthcare-bulletin.co.uk/

Erman, I., Damanik, H. D., & Sya'diyah, S. (2021). Hubungan Merokok dengan Kejadian Hipertensi di Puskesmas Kampus Palembang. *JKM : Jurnal Keperawatan Merdeka*, *1*(1), 54–61. https://doi.org/10.36086/jkm.v1i1.983

Forget, P., Khalifa, C., Defour, J. P., Latinne, D., Van Pel, M. C., & De Kock, M. (2017). What is the normal value of the neutrophil-to-lymphocyte ratio? *BMC Research Notes*, *10*(1), 1–4. https://doi.org/10.1186/s13104-016-2335-5

Galih, A., Tjahjono, C. T., Rohman, M. S., & Kurniningsih, N. (2023). Arterial Stiffness as a Predictor of Future Cardiovascular Events: Methods of Measurement and Clinical Implications. *Heart Science Journal*, *4*(2), 5–12. https://doi.org/10.21776/ub.hsj.2023.004.02.2

Ghiadoni, L. (2016). The effects of antihypertensive drugs on arterial stiffness.

*Artery Research*, *14*(December), 1–5. https://doi.org/10.1016/j.artres.2016.02.001

Hardiman, R. M., & Siregar, F. M. (2022). Prevalensi dan faktor risiko prehipertensi dan hipertensi pada mahasiswa tingkat akhir Fakultas Kedokteran Universitas Riau. *Jurnal Kedokteran Syiah Kuala*, *22*(1), 16–24. https://doi.org/10.24815/jks.v22i1.21257

Hidayu Permata Hardi, Si. oerohardjo. (2023). *Hematologi Rutin Sebagai Indikator Prognosis Pada Kanker Buli Di RSUP Dr. Sardjito*.

Hrabak-Paar, M., Kircher, A., Sayari, S. Al, Kopp, S., Santini, F., Schmieder, R. E., Kachenoura, N., Yates, D., Langenickel, T., Bremerich, J., & Heye, T. (2020). Variability of mri aortic stiffness measurements in a multicenter clinical trial setting: Intraobserver, interobserver, and intracenter variability of pulse wave velocity and aortic strain measurement. *Radiology: Cardiothoracic Imaging*, *2*(2). https://doi.org/10.1148/ryct.2020190090

Istiana, D., Purqoti, D. N. S., Musmuliadin, M., Rispawati, B. H., Romadhonika, F., & Dingle, K. (2022). The Relationship between Physical Activity and the Incidence of Hypertension at the Work Area of the Ampenan Health Center. *STRADA Jurnal Ilmiah Kesehatan*, *11*(1), 45–50. https://doi.org/10.30994/sjik.v11i1.884

KC, K., Katwal, S., Yadav, G. K., Adhikari, A., Thapa, R. K., Jha, S. K., Sharma, A., Rijal, T., Giri, S., & Khadka, S. (2023). Family history of hypertension and its relation to other variables in hypertensive patients: a cross-sectional study from a tertiary care hospital. *International Journal of Surgery: Global Health*, *6*(5). https://doi.org/10.1097/gh9.0000000000000235

Kim, H. L. (2023). Arterial stiffness and hypertension. *Clinical Hypertension*, *29*(1), 1–9. https://doi.org/10.1186/s40885-023-00258-1

Kurtul, A., & Ornek, E. (2019). Platelet to Lymphocyte Ratio in Cardiovascular Diseases: A Systematic Review. *Angiology*, *70*(9), 802–818. https://doi.org/10.1177/0003319719845186

Kusparlina, E. P. (2022). Faktor yang Berhubungan dengan Hipertensi pada Remaja Eny Pemilu Kusparlina. *Jurnal Penelitian Kesehatan Suara Forikes*, *13*(7),

124–131. https://doi.org/http://dx.doi.org/10.33846/sf13123 Analisis

Lee, J. S., Kim, N. Y., Na, S. H., Youn, Y. H., & Shin, C. S. (2018). Reference values of neutrophil-lymphocyte ratio, lymphocyte-monocyte ratio, platelet-lymphocyte ratio, and mean platelet volume in healthy adults in South Korea. *Medicine (United States)*, *97*(26), 1–5. https://doi.org/10.1097/MD.0000000000011138

Lin, X., & Li, H. (2021). Obesity: Epidemiology, Pathophysiology, and Therapeutics. *Frontiers in Endocrinology*, *12*(September), 1–9. https://doi.org/10.3389/fendo.2021.706978

Lopez, E. O. (2023). Cardiovascular Disease Cardiovascular Disease. *Disease and Mortality in Sub-Saharan Africa*, *349*(DC), 1–22. https://www.nejm.org/doi/full/10.1056/nejmra035098%0Awww.nejm.org

Lydia, A., Setiati, S., Soejono, C. H., Istanti, R., Marsigit, J., & Azwar, M. K. (2021). Prevalence of prehypertension and its risk factors in midlife and late life: Indonesian family life survey 2014–2015. *BMC Public Health*, *21*(1), 1–10. https://doi.org/10.1186/s12889-021-10544-y

Maruhashi, T., Kajikawa, M., Kishimoto, S., Takaeko, Y., Yamaji, T., Harada, T., Hashimoto, Y., Han, Y., Aibara, Y., Yusoff, F. M., Chayama, K., Nakashima, A., Goto, C., Nakano, Y., & Higashi, Y. (2021). Volume elastic modulus, vascular function, and vascular structure in patients with cardiovascular risk factors. *Journal of Atherosclerosis and Thrombosis*, *28*(9), 963–973. https://doi.org/10.5551/jat.59261

Mitra, S., Das, R. R., Singnarpi, E., & Debbarma, B. (2024). *Study of Prehypertension among the Young Medical Students : A Cross Sectional Study in Tripura*. *23*(1), 33–36. https://doi.org/10.9790/0853-2301043336

Mulyasari, I., Afiatna, P., Maryanto, S., & Aryani, A. N. (2023). Body Mass Index as Hypertension Predictor: Comparison between World Health Organization and Asia-Pacific Standard. *Amerta Nutrition*, *7*(2SP), 247–251. https://doi.org/10.20473/amnt.v7i2SP.2023.247-251

Murakami, T., Asai, K., Kadono, Y., Nishida, T., Nakamura, H., & Kishima, H. (2019). *Assessment of Arterial Stiffness Index Calculated from Accelerated*

*Photoplethysmography*. *25*(16517), 37–40.

Mwape, L., Hamooya, B. M., Luwaya, E. L., Muzata, D., Bwalya, K., Siakabanze, C., Mushabati, A., & Masenga, S. K. (2024). Association between complete blood-count-based inflammatory scores and hypertension in persons living with and without HIV in Zambia. *PLoS ONE*, *19*(11 November 2024). https://doi.org/10.1371/journal.pone.0313484

Otsuka, K., Nakanishi, K., Shimada, K., Nakamura, H., Inanami, H., Nishioka, H., Fujimoto, K., Kasayuki, N., & Yoshiyama, M. (2019). Ankle-brachial index, arterial stiffness, and biomarkers in the prediction of mortality and outcomes in patients with end-stage kidney disease. *Clinical Cardiology*, *42*(7), 656–662. https://doi.org/10.1002/clc.23188

Parmar, R. M., & Can, A. S. (2024). Physiology, Appetite And Weight Regulation. In *StatPearls*.

Pradono, J., Kusumawardani, N., & Rachmalina, R. (2020). Hipertensi : Pembunuh Terselubung Di Indonesia. In *Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan RI*. https://repository.kemkes.go.id/book/10

Prawiran Saputra, I. (2021). *Hubungan Neutrofil-Lymphocyte Ratio (Nlr), Platelet-Lymphocyte Ratio (Plr) Dan Status Nutrisi Dengan Prognostic Nutrition Index (Pni) Pada Pasien Stroke*.

Putri, tasya zuriyah. (2024). *Hubungan Riwayat Covid-19 Dan Elastisitas Pembuluh Darah Arteri Pada Mahasiswa Fakultas Kedokteran Upn "Veteran" Jakarta*.

Rafan, S. N. H., Zakaria, R., Ismail, S. B., & Muhamad, R. (2018). Prevalence of prehypertension and its associated factors among adults visiting outpatient clinic in Northeast Malaysia. *Journal of Taibah University Medical Sciences*, *13*(5), 459–464. https://doi.org/10.1016/j.jtumed.2018.06.005

Rehman;, S. (2024). Blood pressure measurement. *Archives Des Maladies Du Coeur et Des Vaisseaux - Pratique*, *2024*(328), 8–12. https://doi.org/10.1016/j.amcp.2024.03.002

Rina, C. S. R. S. F., & Nurhardinii, T. (2024). Praanalitik Pengambilan Sampel

Darah Dan Mikrobiologi. *Penambahan Natrium Benzoat Dan Kalium Sorbat (Antiinversi) Dan Kecepatan Pengadukan Sebagai Upaya Penghambatan Reaksi Inversi Pada Nira Tebu*.

Safar, M. E., Asmar, R., Benetos, A., Blacher, J., Boutouyrie, P., Lacolley, P., Laurent, S., London, G., Pannier, B., Protogerou, A., & Regnault, V. (2018). Interaction between hypertension and arterial stiffness an expert reappraisal. *Hypertension*, *72*(4), 796–805. https://doi.org/10.1161/HYPERTENSIONAHA.118.11212

Sherwood, L. (2018). Introduction To human Phsyiology. *Angewandte Chemie International Edition, 6(11), 951–952.*, *Mi*, 422.

Sileshi, B., Urgessa, F., & Wordofa, M. (2021). A comparative study of hematological parameters between hypertensive and normotensive individuals in Harar, eastern Ethiopia. *PLoS ONE*, *16*(12 December), 1–13. https://doi.org/10.1371/journal.pone.0260751

Stanek, A., Grygiel-g, B., & Bro, K. (2023). *Overweight and Obese Subjects*.

Statsenko, M. E., & Derevyanchenko, M. V. (2018). The role of systemic inflammation in decrease of elasticity of magistral arteries and in progression of endothelial dysfunction in patients with systemic hypertension, obesity and type 2 diabetes. *Russian Journal of Cardiology*, *2018*(4), 32–36. https://doi.org/10.15829/1560-4071-2018-4-32-36

Syarif, S. M. (2022). *Faktor Risiko Prehipertensi Dewasa Muda*. *7*(October), 524–536. https://doi.org/http://doi.org/10.22216/jen.v7i3.1617

Titah Hati Khoirurrokhmah, Hoirun Nisa, Dela Aristi, M. H. S. (2022). Faktor-Faktor Yang Berhubungan Dengan Prehipertensi Pada Usia Dewasa di Wilayah Kerja Puskesmas Cipayung. *Jurnal Gizi Kerja Dan Produktivitas*, *5*(1), 185–189. https://www.academia.edu/download/91205663/8882.pdf

Tucker, W. D., Arora, Y., Mahajan, K., Heart, H., Cardiac, A., & Centre, C. (2024). *Anatomy , Blood Vessels*. *i*.

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. *2020 American Heart Association, Inc.*, *75*(6), 1334–1357. https://doi.org/10.1161/HYPERTENSIONAHA.120.15026

Wowor, T. J. (2022). Hubungan Indeks Massa Tubuh (IMT) Dengan Tekanan Darah Pada Usia Dewasa Di Puskesmas Dinoyo Kota Malang. *Journal Educational of Nursing (JEN)*, *1*(1), 32–47. http://rinjani.unitri.ac.id/handle/071061/1230%0Ahttp://rinjani.unitri.ac.id/bitstream/handle/071061/1230/Selfiyanti Tawuru May Artikel.pdf?sequence=1&isAllowed=y

Wu, S., Chen, D., Zeng, X., Wen, J., Zhou, C., Xiao, K., Hu, P., & Chen, W. (2020). *Arterial stiffness is associated with target organ damage in subjects with pre-hypertension*.

Zahra, N., & Siregar, F. M. (2023). Prevalensi Prehipertensi dan Hipertensi pada Mahasiswa Profesi Dokter Fakultas Kedokteran Universitas Riau Tahun 2020. *Jurnal Kedokteran Dan Kesehatan*, *19*(1), 50. https://doi.org/10.24853/jkk.19.1.50-64

Zinellu, A., & Mangoni, A. A. (2024). The association between the neutrophil-to-lymphocyte ratio, platelet-to-lymphocyte ratio, and monocyte-to-lymphocyte ratio and systemic sclerosis and its complications: a systematic review and meta-analysis. *Frontiers in Immunology*, *15*(May), 1–10. https://doi.org/10.3389/fimmu.2024.1395993