

DAFTAR PUSTAKA

1. Unger, T., Borghi, C., Charchar, F., Khan, N. A., Poulter, et al. (2020). International Society of Hypertension global hypertension practice guidelines. *Hypertension*, 75(6), 1334–1357.
2. Mills, K. T., Bundy, J. D., Kelly, T. N., Reed, J. E., Kearney, et al. (2016). Global Disparities of Hypertension Prevalence and Control: A Systematic Analysis of Population-Based Studies From 90 Countries. *Circulation*, 134(6), 441–450.
3. Stanaway, J. D., Afshin, A., Gakidou, E., Lim, S. S., Abate, et al. (2018). Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: A systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*, 392(10159), 1923–1994.
4. Kementerian Kesehatan Republik Indonesia. (2019). *Laporan Nasional Risesdas 2018*. Badan Penelitian dan Pengembangan Kesehatan.
5. Nadar, S. K., & Lip, G. Y. H. (2021). The heart in hypertension. *J Hum Hypertens*, 35(5), 383–386.
6. Bornstein, A. B., Rao, S. S., & Marwaha, K. (2024). Left Ventricular Hypertrophy. In *StatPearls*. StatPearls Publishing. <http://www.ncbi.nlm.nih.gov/books/NBK557534/>
7. Lang, R. M., Badano, L. P., Mor-Avi, V., Afilalo, J., Armstrong, A., et al. (2015). Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. *J Am Soc Echocardiogr* 28(1), 1-39.e14.
8. Sveceny, J., Charvat, J., Hrach, K., Horackova, M., & Schuck, O. (2022). In essential hypertension, a change in the renal resistive index is associated with a change in the ratio of 24-hour diastolic to systolic blood pressure. *Physiological Research*, 341–348



9. Andrikou, I., Tsioufis, C., Konstantinidis, D., Kasiakogias, A., Dimitriadis, et al. (2018). Renal resistive index in hypertensive patients. *J Clin Hypertens*, 20(12), 1739–1744.
10. Granata, A., Zanoli, L., Clementi, S., Fatuzzo, P., Di Nicolò, P., & Fiorini, F. (2014). Resistive intrarenal index: Myth or reality? *Brit. J. Radiol*, 87(1038), 20140004.
11. Darabont, R., Mihalcea, D., & Vinereanu, D. (2023). Current Insights into the Significance of the Renal Resistive Index in Kidney and Cardiovascular Disease. *Diagnostics*, 13(10), 1687.
12. Tedesco, M., Natale, F., Mocerino, R., Tassinario, G., & Calabrò, R. (2007). Renal resistive index and cardiovascular organ damage in a large population of hypertensive patients. *J Hum Hypertens*, 21(4), 291–296.
13. Doi, Y., Iwashima, Y., Yoshihara, F., Kamide, K., Takata, et al. (2012). Association of renal resistive index with target organ damage in essential hypertension. *Am. J. Hypertens.*, 25(12), 1292–1298.
14. Delacroix, S., & Chokka, R. G. (2014). Hypertension: Pathophysiology and Treatment. *J Neurol Neurophysiol*, 05(06).
15. Ma, J., & Chen, X. (2022). Advances in pathogenesis and treatment of essential hypertension. *Front. cardiovasc. med*, 9, 1003852.
16. Harrison, D. G., Coffman, T. M., & Wilcox, C. S. (2021). Pathophysiology of Hypertension: The Mosaic Theory and Beyond. *Circulation Research*, 128(7), 847–863
17. Adua, E. (2022). Decoding the mechanism of hypertension through multiomics profiling. *J Hum Hypertens*, 37(4), 253–264.
18. Viazzi, F., Leoncini, G., Parodi, D., Ratto, E., Vettoretti, S., et al. (2005). Impact of target organ damage assessment in the evaluation of global risk in patients with essential hypertension. *Am. J. Nephrol*, 16(3_suppl_1), S89–S91.
19. Zhan, T., & Bergfeldt, L. (2005). Left ventricular hypertrophy in hypertension: Its arrhythmogenic potential. *Heart*, 91(2), 250–256.



20. Marwick TH, Gillebert TC, Aurigemma G, Chirinos J, Derumeaux G, Galderisi M, et al (2017). Recommendations on the Use of Echocardiography in Adult Hypertension: A Report from the European Association of Cardiovascular Imaging (EACVI) and the American Society of Echocardiography (ASE). *Journal of the American Society of Echocardiography*. 2015 Jul 1;28(7):727–54
21. Aronow, W. S. (2017). Hypertension and left ventricular hypertrophy. *Ann. Transl. Med.*, 5(15), 310–310.
22. Hamza, S., Sharma, N., Sung, M., Zordoky, B., Kantor, P., & Dyck, J. (2013). Pathobiology of Human Disease: A Dynamic Encyclopedia of Disease Mechanisms: Heart failure. *Cardiac Pathology*
23. Viazzi, F., Leoncini, G., Derchi, L. E., & Pontremoli, R. (2014). Ultrasound Doppler renal resistive index: A useful tool for the management of the hypertensive patient. *J. Hypertens.*, 32(1), 149–153.
24. Kuznetsova, T., Cauwenberghs, N., Knez, J., Thijs, L., Liu, et al. (2015). Doppler indexes of left ventricular systolic and diastolic flow and central pulse pressure in relation to renal resistive index. *Am. J. Hypertens.*, 28(4), 535–545.
25. Ratto, E., Viazzi, F., Bonino, B., Gonnella, A., Garneri, D., et al. (2015). Left ventricular dilatation and subclinical renal damage in primary hypertension. *J. Hypertens*, 33(3), 605–611.
26. Pontremoli, R. (1999). Increased renal resistive index in patients with essential hypertension: A marker of target organ damage. *Nephrology Dialysis Transplantation*, 14(2), 360–365.
27. Cilsal E, Koc AS (2019). Renal resistive index significantly increased in hypertensive children and it is independently related to the pulse pressure and left ventricular mass index. *Clin Exp Hypertens*. 3;41(7):607–14.
28. Uyar EM, Acar ÖF. (2012) Late Breaking Abstracts: Posters of Left ventricular Mass Index in Renal Allograft Recipients. *Transplantation* 4(10S):p 603



29. Heine GH, Gerhart MK, Ulrich C, Köhler H, Girndt M. (2005) Renal Doppler resistance indices are associated with systemic atherosclerosis in kidney transplant recipients. *Kidney Int*, 68:878–885.
30. Li Y, Wang JG, Dolan E, Gao PJ, Guo HF, et al. (2006) Ambulatory arterial stiffness index derived from 24-hour ambulatory blood pressure monitoring. *Hypertension*, 47:359–364.
31. Ratto E, Leoncini G, Viazzi F, Vaccaro V, Falqui V, et al. (2006) Ambulatory arterial stiffness index and renal abnormalities in primary hypertension. *J Hypertens*, 24:2033–2038.
32. Bots ML, Witterman JCM, Hofman A, de Jong PTVM, Grobbee DE. (1996) Low diastolic blood pressure and atherosclerosis in elderly subjects. *Arch Intern Med*, 156: 843–848
33. Mimran A, Ribstein J, DuCailar G. (1994) Is microalbuminuria a marker of early intrarenal vascular dysfunction in essential hypertension? *Hypertension*, 23: 1018–1021

