

DAFTAR PUSTAKA

1. Ando K, Fujita T. Pathophysiology of salt sensitivity hypertension. *Ann Med.* 2012;44(SUPPL. 1):119–26.
2. Astutik P, Adriani M, Wirjatmadi B. Kadar radikal superoksida (O_2^-), nitric oxide (NO) dan asupan lemak pada pasien hipertensi dan tidak hipertensi. *J Gizi Indones.* 2014;3(1):1–6.
3. Baraas, F. Kardiologi Molekuler, Radikal Bebas, Disfungsi Endotel, Aterosklerosis, Antioksidan, Latihan Fisik dan Rehabilitasi Jantung. Yayasan Kardita Iqratama, RS. Jantung Harapan Kita. 2006
4. BPOM. Pedoman Uji Toksisitas Nonklinis Secara In Vivo. Jakarta: Badan Pengawas Obat dan Makanan Republik Indonesia; 2014.
5. Cottin F, Malcurat V, Zorgati H, Prieur F, Labsy Z, Do MC, et al. Effect of oral glucocorticoid intake on autonomic cardiovascular control. 2015
6. DeBermudez L. and John P. Hayslett. Effect of Methylprednisolone on Renal Function and the Zonal Distribution of Blood Flow in the Rat. *Circulation research* Vol.31. 2019.
7. Félétou M. The Endothelium, Part I: Multiple Functions of the Endothelial Cells -- Focus on Endothelium-Derived Vasoactive Mediators. *Colloq Ser Integr Syst Physiol From Mol to Funct.* 2011.
8. Fujiwara N, Osanai T, Kamada T, Katoh T, Takahashi K, Okumura K. Study on the Relationship Between Plasma Nitrite and Nitrate Level and Salt Sensitivity in Human Hypertension. *Circulation.* 2012;101(8):856–61.
9. Ghasemi A, Hedayati M, Biabani H. Protein Precipitation Methods Evaluated For Determination of Serum Nitric Oxide End Products by the Griess Assay. *J Med Sci Res.* 2007;2:29–32
10. Gupta BBP, Lalchandama K. Molecular mechanisms of glucocorticoid action. *Curr Sci.* 2002;83(9):1103–11.
11. Hermann M, Flammer A, Lüscher TF. Nitric oxide in hypertension. *J Clin Hypertens (Greenwich).* 2006;8(12 Suppl 4):17–29.
12. Higashi, Y., Oshima, T., Watanabe, M., Matsuura, H., and Kajiyama, G., Renal Response to L-arginine in Salt-Sensitive Patients with Essential Hypertension. *Hypertension.* 1996 .27, 643-648.
13. Khanduja KL, Kaushik G, Khanduja S, Pathak CM, Laldinpuii J, Behera D. Corticosteroids affect nitric oxide generation, total free radicals production, and nitric oxide synthase activity in monocytes of asthmatic patients. *Mol Cell Biochem.* 2011;
14. Kleinert H, Euchenhofer C, Ihrig-Biedert I, Förstermann U. Glucocorticoids inhibit the induction of nitric oxide synthase II by down-regulating

cytokine-induced activity of transcription factor nuclear factor-kappa B. *Mol Pharmacol*. 1996;49:15–21.

15. Kröncke KD, Fehsel K, Kolb-Bachofen V. Inducible nitric oxide synthase in human diseases. *Clin Exp Immunol*. 1998;113(2):147–56.
16. Kumar A & Chanana P. Role of Nitric Oxide in Stress-Induced Anxiety: From Pathophysiology to Therapeutic. University Institute of Pharmaceutical Sciences, UGC Centre of Advanced Study, Panjab University, Chandigarh, India. 2016.
17. Kumar, V., Cotran, R, S., Robin, S, I. *Buku Ajar Patologi (Ed. 7)*, Penerjemah, Brahm, U. Pendit, Buku Kedokteran EGC: Jakarta. 2007.
18. Labno-Kirszniok K, Piecha G, Wiecek A. From salt sensitivity to hypertension – what do we know about endogenous cardiotonic steroids? *Post N Med*. 2016.
19. Lawrence, G. Implikasi Klinis Disfungsi Endotel dan Radikal Bebas. *J Med Nus*. 2004.25: 94-102.
20. Libby, P. The pathogenesis of atherosclerosis. In: Kasper Dennis L, Fauci Anthony S, Longo Dan L, et al. *Harrison's principles of internal medicine*. Sixteenth Edition USA: Mc Graw Hill. 2005. Hal: 1425-33.
21. Li H, Cui H, Kundu TK, Alzawahra W, Zweier JL. Nitric oxide production from nitrite occurs primarily in tissues not in the blood: critical role of xanthine oxidase and aldehyde oxidase. *J Biol Chem*. 2008;283:17855–63.
22. Lou Y, Wen C, Li M, Adams DJ, Wang M, Yang F, et al. Isoforms in Adrenocorticotropin-Induced and Corticosterone-Induced Hypertension. 2001;1164–70.
23. Lum H, Roebuck KA. Oxidant stress and endothelial cell dysfunction. *Am J Physiol Cell Physiol*. 2001.
24. Lu FC, Kacew S. *Lu's Basic Toxicology Fundamentals, Target Organs, and Risk Assessment (5th edition)*. New York: CRC Press; 2010.
25. Luiking YC, Engelen MPKJ, Deutz NEP. Regulation of nitric oxide production in health and disease. *Current Opinion in Clinical Nutrition and Metabolic Care*. 2010.
26. Malkoff, J. *Non-Invasive Blood Pressure for Mice and Rats*, *Animal Lab News*. 2005;29:84-90.
27. Marx, J. L., 1985, Oxygen free radicals linked to many diseases, *Science*, 235, 529-531
28. Nacci C, Tarquinio M, Montagnani M. Molecular and clinical aspects of endothelial dysfunction in diabetes. *Intern Emerg Med* 2009;4:107-116.

29. Oliveira-Paula GH, Lacchini R, Tanus-Santos JE. Inducible nitric oxide synthase as a possible target in hypertension. *Curr Drug Targets*. 2014;15(2):164–174.
30. Sainani GS, Maru VG. Role of endothelial cell dysfunction in essential hypertension. *J Assoc Physicians India*. 2004;52:966–9.
31. Saruta, T. Mechanism of glucocorticoid-induced hypertension. *Hypertension Research: Official Journal of the Japanese Society of Hypertension*. 1996.19(1), 1–8.
32. Sato Y. Current understanding of the biology of vascular endothelium. *Cell Struct Funct*. 16.2001;26:9-10.
33. Sargowo, D. *Disfungsi Endotel*, Universitas Brawijaya Press (UB Press), Malang. 2015.
34. Shahand NS, Billiar TR. Role of nitric oxide in inflammation and tissue injury during endotoxemia and hemorrhagic shock. *Environ Health Perspect*. 1998;106 Suppl 5:1139–43.
35. Sidebotham, D. and Le Grice, I.J. Physiology and pathophysiology. in: D. Sidebotham, J. Levy (Eds.) *Cardiothoracic Critical Care*. Butterworth-Heinemann Elsevier, Philadelphia, PA; 2007: 9
36. Siyad.A.R. Hypertension, *H.J.D.Med.vol.3 (1)*, April-October 2011, pp.1-16. *HJDMed.vol3 (1)*, April. 2011;3(1):1–16.
37. Skaleric U, Gaspirc B, McCartney-Francis N, Masera A, Wahl SM. Proinflammatory and antimicrobial nitric oxide in gingival fluid of diabetic patients with periodontal disease. *Infect Immun*. 2006;74(12):7010–3.
38. Sun J, Zhang XJ, Broderick M, Fein H. Measurement of nitric oxide production in biological systems by using Griess reaction assay. *Sensors*. 2003;3:276–284.
39. Rajapakse NW, Mattson DL. Role of l-arginine in nitric oxide production in health and hypertension. *Clin Exp Pharmacol Physiol*. 2009;36(3):249–55.
40. Taddei, S. Virdis, A. Ghiadoni, L. and Salvetti, A. The Role of Endothelium in Human Hypertension: *Curr Opin Nephrol Hypertens*. 7, 203-209. 1998
41. Thomas DD, Ridnour LA, Isenberg JS, Flores-Santana W, Switzer CH, Donzelli S, et al. The chemical biology of nitric oxide: Implications in cellular signaling. *Free Radic Biol Med*. 2008;45(1):18–31.
42. Vogel HG. *Drug Discovery and Pharmacology Assay*. Berlin: Springer Germany. 2002.
43. Walkowska A, M. Kuczeriszka, J. Sadowski, K.H. Olszyński, L. Dobrowolski, L. Červenka, et al. High Salt Intake Increases Blood Pressure in Normal Rats: Putative Role of 20-HETE and No Evidence on

Changes in Renal Vascular Reactivity. *Kidney Blood Press Res*;40:323-334. 2015

44. Weil BR, Stauffer BL, Greiner JJ, Desouza CA. Prehypertension Is Associated With Impaired Nitric Oxide-Mediated Endothelium-Dependent Vasodilation in Sedentary Adults. *Am J Hypertens*. 2009;24(9):976–81.
45. Whitworth JA, Schyvens CG, Zhang Y, Mangos GJ, Kelly JJ. Glucocorticoid-induced hypertension: From mouse to man. *Clin Exp Pharmacol Physiol*. 2001;28(12):993–6.
46. Xi H, Akishita M, Nagai K, Yu W, Hasegawa H, Eto M, et al. Potent free radical scavenger, edaravone, suppresses oxidative stress-induced endothelial damage and early atherosclerosis. *Atherosclerosis*. 2007;191(2):281–9.
47. Yuliandra Y, Armenia, dan Arifin H. Antihypertensive and Antioxidant Activity of *Cassytha filiformis* L: A Correlative Study. *Asian Pacific Journal of Tropical Biomedicine*. 2013;(7):614-618.
48. Zamora R, Vodovotz Y, Billiar TR. Inducible nitric oxide synthase and inflammatory diseases. *Mol Med*. 2000;6:347–73.

