

DAFTAR PUSTAKA

1. WHO (2013). A global brief on hypertension. https://www.who.int/cardiovascular_diseases/publications/global_brief_hypertension/en/. - Diakses November 2018
2. Sharma S. Hypertension and cardiovascular disease in south asia: no end in sight. *J Am Soc Hypertens.* 2008; 2(3): 125-130.
3. WHO (2018). Noncommunicable diseases country profiles 2018. <https://www.who.int/nmh/publications/ncd-profiles-2018/en/>. - Diakses Januari 2019
4. Kementerian Kesehatan Republik Indonesia (2013). Laporan nasional riset kesehatan dasar 2013. <http://www.depkes.go.id/resources/download/general/Hasil%20Risikesdas%202013.pdf>. - Diakses Desember 2016.
5. Dinas Kesehatan Kota Padang (2018). Profil Kesehatan Kota Padang Tahun 2018 (Data Tahun 2017). https://dinkes.padang.go.id/read/230-Profil_Kesehatan_Kota_Padang_Tahun_2018_Data_Tahun_2017. - Diakses Oktober 2018
6. Akpan EE, Ekrikpo UE, Udo AI, Bassey BE. Prevalence of hypertension in akwa ibom state, south-south nigeria: rural versus urban communities study. *Int J Hypertens.* 2015; 1(1): 1-6.
7. Bcheraoui CE, Memish ZA, Tuffaha M, Daoud F, Robinson M, Jaber S, et al. Hypertension and its associated risk factor in the kingdom of Saudi Arabia, 2013: a national survey. *Int J Hypertens.* 2014; 1(1): 1-8.
8. Panesar S, Chaturvedi S, Saini NK, Avasthi R, Singh A. Prevalence and predictors of hypertension among residents aged 20-59 years of a slum-resettlement colony in Delhi, India. *WHO South-East Asia J Public Health.* 2013; 2(2): 1-5.
9. Tashakori-Sabzevar F, Razavi BM, Imenshahidi M, Daneshmandi M, Fatehi H, Sarkarizi YE, et al. Evaluation of mechanism for antihypertensive and vasorelaxant effects of hexanic and hydroalcoholic extracts of celery seed in normotensive and hypertensive rats. *Rev bras farmacogn.* 2016; 26(5): 619-626.
10. Aboul-Enein AM, El-Ela FA, Shalaby EA, El-Shemy HA. Traditional medicinal plants research in egypt: studies of antioxidant and anticancer activities. *J Med Plants Res.* 2012; 6(5): 689-703.

11. Aboul-Enein AM, El-Ela FA, Shalaby EA, El-Shemy HA. Potent anticancer and antioxidant activities of active ingredient separated from solanum nigrum and cassia italica extracts. J ARID LAND. 2014; 24(1): 145-152.
12. Tabassum N, Ahmad F. Role of natural herbs in the treatment of hypertension. Pharmacogn Rev. 2011; 5(9): 1-12.
13. Ibrahim MY, Hashim NM, Mariod AA, Mohan S, Abdulla MA, Abdelwahab, et al. Alfa mangostin from *Garcinia mangostana* Linn: an updated review of its pharmacological properties. ARAB J CHEM. 2014; 9(3): 317-329.
14. Tjahjani S, Widowati W, Khiong K, Suhendra A, Tjokropranoto R. Antioxidant properties of *Garcinia mangostana* L. (mangsteen) rind. Procedia Chem. 2014; 13: 198-203.
15. Suttirak W, Manurakchinakorn S. In vitro antioxidant properties of mangosteen peel extract. J Food Sci Technol. 2012; 51(12): 3546-3558).
16. Li P, Tian W, Ma X. Alpha-mangostin inhibits intracellular fatty acid synthase and induces apoptosis in breast cancer cell. Mol cancer. 2014; 13(138): 1-11.
17. Jiang DJ, Dai Z, Li YJ. Pharmacological effect of xanthones as cardiovascular protective agents. Cardiovasc Drug Rev. 2004; 22(2): 91-102.
18. Balasuriya BWN, Rupasinghe HP. Plant flavonoids as angiotensin converting enzyme inhibitors in regulation of hypertension. Funct food health dis. 2011; 1(5): 172-188.
19. Sunarjo L, Oedijani, Suharti, Susanto HS. The preliminary study on safety of using mangosteen peel extract as natural herbs. J med sci clin res. 2017; 5(7): 24851-56.
20. Towatana HN, Wantana Reanmongkol W, Wattanapiromsakul C, Bunkrongcheap R. Acute and subchronic toxicity evaluation of the hydroethanolic extract of mangosteen pericarp. J Med Plant Res. 2010; 4(10); 969-974.
21. Kosem N, Ichikawa K, Utsumi H, Moongkarndi P. In vivo toxicity and antitumor activity of mangosteen extract. J Nat Med. 2012; 67(2): 255-263.
22. Guerrero MF, Puebla P, Carron R, Martin ML, Arteaga L, Roman LS. Assessment of the antihypertensive and vasodilator effects of ethanolic extracts of some Colombian medicinal plants. J Ethnopharmacol. 2002; 80(1): 37-42.

23. Ibarrola DA, Ibarrola MH, Vera C, Montalbetti Y, Ferro EA. Hypotensive effect of crude root extract of *Solanum sisymbriifolium* (*Solanaceae*) in normo- and hypertensive rats. *J Ethnopharmacol.* 1996; 54(1): 7-12.
24. Juvekar AR, Sakat SS, Wankhede SS, Juvekar AR, Mali VR, Bodhankar SL. Antihypertensive effect of aqueous extract of *Elaeocarpus ganitrus* Roxb. seeds in renal artery occluded hypertensive rats. *Int J Pharmtech Res.* 2009; 1(3): 779-782.
25. Guyton AC, Hall JE. Buku ajar fisiologi kedokteran. Edisi 11. Jakarta: Penerbit Buku Kedokteran EGC; 2007.
26. Sherwood L. Fisiologi manusia: dari sel ke sistem. Edisi 6. Jakarta: Penerbit Buku Kedokteran EGC; 2007.
27. Sherwood L. Human physiology: from cells to systems. 7th edition. USA: Brooks/ Cole; 2010.
28. Yogiantoro M. Pendekatan klinis hipertensi. Dalam: Setiati S, Alwi I, Sudoyo AW, Simadibrata M, Setiayahadi B, Syam AF, editor. Buku ajar ilmu penyakit dalam jilid II. Edisi VI. Jakarta: InternaPublishing; 2014. p 2260-2265.
29. Schoen FJ dan Cotran RS. Pembuluh darah. Dalam Robbin SL, Cotran RS, Kumar V, editors. Buku ajar patologi volume 2. Edisi 7. Jakarta: Penerbit Buku Kedokteran EGC; 2004. p381.
30. Victor RG. Systemic hypertension: mechanism and diagnosis. In: Mann DL, Zipes DP, Libby P, Braunwald E, editors. Braunwald's heart disease: a text book of cardiovascular medicine. Philadelphia: Elsevier; 2015. p 936-41.
31. Mohani CI. Hipertensi esensial. Dalam Setiati S, Alwi I, Sudoyo AW, Simadibrata M, Setiayahadi B, Syam AF, editors. Buku ajar ilmu penyakit dalam jilid II. Edisi 6. Jakarta: InternaPublishing; 2014. p 2284-2293.
32. Levy PD. Hypertension. In: Marx J, Hocberger R, Walls R, editors. Rosen's emergency medicine—concept and clinical practice. Philadelphia: Elsevier; 2010. p 1113-15.
33. Tslamandris S, Vogiatzi G, Antonopoulos, Tousoulis D. Chapter 1.6 the role of oxidative stress. In: Tousoulis D, authors. Coronary artery disease from biology to clinical practice. Philadelphia: Elsevier; 2018. p 95-100.
34. Orozco FG, Failla ML. Biological activities and bioavailability of mangosteen xanthones: a critical review of the current evidence. *Nutrients.* 2015; 5(1): 3163-3183.

35. Pratiwi L, Fudholi A, Martien R, Pramono S. Development of TLC and HPTLC Method for Determination α Mangostin in Mangosteen Peels (*Garcinia Mangostana L.*). IJPPR. 2017; 9(3): 297-302.
36. Abdallah HM, El-Bassossy HM, Mohamed GA, El-halawany, Alshali KZ, Banjar ZM. Phenolics from *Garcinia mangostana* alleviate exaggerated vasoconstriction in metabolic syndrome through direct vasodilatation and nitric oxide generatio. BMC Complement Altern Med. 2016; 16(359): 1-10.
37. USDA United States Department of Agriculture (2018). Plant Profile for *Garcinia mangostana* L. <https://plants.usda.gov/core/profile?symbol=GAMA10>. - Diakses September 2018.
38. Morton, J. Mangosteen. In: Morton JF. Fruits of warm climates. Miami: FL; 1987. P 301-304.
39. USDA (2019). National Nutrient Database for Standard Reference Legacy Realease. <https://ndb.nal.usda.gov/ndb/foods/show/09177>. - Diakses Januari 2019
40. Hasan AEZ, Nashrianto H, Juhaeni RN, Artika IM. Optimization of conditions for flavonoids extraction from mangosteen (*Garcinia mangostana L.*). Pharm Lett. 2016; 8(18): 114-120.
41. Ramesh S, Priya M, Prabhu S. Isolation of garcinone E from *Garcinia mangostana* Linn and its cytotoxic effect on sp2/0 cell lines. J Pharmacogn Phytochem. 2017; 6(5): 67-76.
42. Sayuti K, Yenrina R. Antioksidan, alami dan sintetik. Padang: Andalas University Press; 2015.
43. Tousian HS, Razavi BM, Hosseinzadeh H. Review of *Garcinia mangostana* and its xanthenes in metabolic syndrome and related complications. Phytother Res. 2017; 1(1): 1-10.
44. Clark JL, Zahradka P, Taylor CG. Efficacy of flavonoids in the management of high blood pressure. Nutr Rev. 2015; 0(0): 1-24.
45. Hettihewa SK, Hemar Y, Rupasinghe HPV. Flavonoid-rich extract of *Actinidia macrosperma* (a wild kiwifruit) inhibits angiotensin-converting enzyme in vitro. Foods. 2018; 7(146): 1-8.
46. Zarena AS, Sankar KU. Phenolic acids, flavonoid profile and antioxidant activity in mangosteen (*Garcinia mangostana L.*) pericarp. J food biochem. 2011; 1(1): 1-7.

47. Liu D, Ahmet A, Ward L, Krishnamoorthy P, Mandelcorn ED, Leigh R, et al. A practical guide to the monitoring and management of the complications of systemic corticosteroid therapy. *Allergy Asthma Clin Immunol.* 2013; 9(30): 1-25.
48. Suryono. DLBS1033 reduces blood pressure of hypertensive wistar-strain rats. *Folia Medica Indonesiana.* 2015; 51(3): 168-172.
49. Yuliandra Y, Armenia, Arifin H. Studi efek antihipertensi tumbuhan tali putri (*cassytha filiformis* l.) pada tikus hipertensi yang diinduksi prednison dan garam. *Prosiding seminar nasional perkembangan terkini sains farmasi dan klinik III*; 2013; Padang, Sumbar, Indonesia; 2013.
50. Duclos M. Evidence on ergogenic action of glucocorticoids as a doping agent risk. *Phys Sportsmed.* 2010; 38(3): 121-127.
51. Nagata K, Hattori T, Murase T, Iwase E, Takahashi K, Ohtake M, et al. Glucocorticoid-induced hypertension and cardiac injury: effect of mineralocorticoid and glucocorticoid receptor antagonism. *Nagoya J Med Sci.* 2013; 75: 81-82.
52. Armenia. Comparative effectiveness of defatted hypotensive crude extract, ethyl acetate and butanolic fractions of *cassytha filiformis* l. on different model of hypertensive rats. *W J Pharm Pharm Sci.* 2014; 3(12): 200-208.
53. Armenia A, Munavvar AS, Abdullah NA, Helmi A, Johns ES. The contribution of adrenoceptor subtype(s) in the renal vasculature of diabetic spontaneously hypertensive rats. *Br J Pharmacol.* 2004; 142(4): 719-726.
54. Yuliandara Y, Armenia A, Arifin H. Antihypertensive and antioxidant activity of *Cassytha filiformis* L.: A correlative study. *Asian Pac J Trop Biomed.* 2017; 7(7): 614-618.
55. Callera GE, Tostes RC, Yogi A, Montezano ACI, Touyz RM. Endothelin-1-induced oxidative stress in DOCA-salt hypertension involves NADPH-oxidase-independent mechanisms. *Clin Sci.* 2006; 110(2): 243-253.
56. Ong SL, Zhang Y, Whitworth JA. Reactive oxygen species and glucocorticoid-induced hypertension. *Clin Exp Pharmacol Physiol.* 2008; 35: 477-482.
57. Ong SL, Whitworth JA. Glucocorticoid-induced hypertension and the nitric oxide system. *Expert Rev Endocrinol Metab.* 2012; 7(3): 273-280.
58. Simonsen U, Christensen FH, Buus NH. The effect of tempol on endothelium-dependent vasodilatation and blood pressure. *Pharm Thera.* 2009; 122(2): 109-124.

59. Wilcox CS, Pearlman A. Chemistry and antihypertensive effects of tempol and other nitroxides. *Pharmacol Rev.* 2008; 60(4): 418-469.
60. Guerrero L, Castillo J, Quinones M, Garcia-Vallve S, Arola L, Pujadas G, Muguerza B. Inhibition of angiotensin-converting enzyme activity by flavonoids: Structure-activity relationship studies. *PLoS ONE.* 2012; 7(11): 1-11.
61. Vasanta OK, Vijaya BG, Virbhadrappa SR, Dilipa NT, Ramaharib MV, Laxamanraob BS. Antihypertensive and Diuretic Effects of the Aqueous Extract of *Colocasia esculenta* Linn. Leaves in Experimental Paradigms. *Iran J Pharm Res.* 2012; 11(2): 621-634.
62. Dornas WC, Silva ME. Animal models for the study of arterial hypertension. *J Biosci.* 2011; 36(4): 731-737.

