

DAFTAR PUSTAKA

- Abhirama B R and Sundaram R S, 2018 Antiurolithic and antioxidant activity of ethanol extract of whole-plant *Biophytum sensitivum* (Linn.) DC in ethylene-glycol-induced urolithiasis in rats, *Pharmacogn Res*, , 10(2), 181-187
- Aggarwal KP, Narula S, Kakkar M, Tandon C. 2013 Nephrolithiasis: molecular mechanism of renal stone formation and the critical role played by modulators. *BioMed Res Int.*;
- Aggarwal KP, Narula S, Kakkar M, Tandon C. 2013 Nephrolithiasis: Molecular mechanism of renal stone formation and the critical role played by modulators. *Biomed Res Int* :292953.
- Aggarwal KP, Narula S, Kakkar M, Tandon C. Nephrolithiasis, 2013. Molecular mechanism of renal stone formation and the critical role played by modulators. *BioMed Res Int*. 2013;
- Agustin. Risa, 2014 *Kamus Klmiah lengkap* surabaya: serbajaya
- Ahmad Amouzesi, Seyedeh Zahra Moossavi, Seyed Yoosef Javad Moosavi, Mahmoud Zardast, Mohammad Malekaneh⁴, Sajad Esmail, Abdolghader Taneh, Nasim Lotfi, Maryam Moossavi, and Reyhane Hoshyar. Aqueous Cannabis Extract Prevents Ethylene Glycol-induced Renal Calcium Crystallization. *Research in Molecular Medicine*. issue no. 1, 10–19.
- Ahmad Amouzesi, Seyedeh Zahra Moossavi, Seyed Yoosef Javad Moosavi, Mahmoud Zardast, Mohammad Malekaneh, Sajad Esmaili, Abdolghader Taneh, Nasim Lotfi, Maryam Moossavi, and Reyhane Hoshyar. 2019. Aqueous Cannabis Extract Prevents Ethylene Glycol-induced Renal Calcium Crystallization, *Research in Molecular Medicine*. issue no. 1, 10–19.
- Ahmed, S., Hasan, M.M., Alam, Z.M., 2016. In vitro urolithiasis models: an evaluation of prophylactic management against kidney stones. *J. Pharmacog. Phytochem*. 5 (3), 28–35.
- Aisha Shehzad, Uzma Saleem, Muhammad Ajmal Shah¹, 2020 Antiurolithic Evaluation of *Cucurbita pepo* Seeds Extract against Sodium Oxalate-Induced Renal Calculi *IJMSVol 45, No 2*
- Al-Snafi AE (2016) The medical importance of *Cydonia oblonga*—a review. *IOSR J Pharm* 6(6):87–99

- Arcole Margatan, 1996, *Hidup Sehat Bagi Usia Lanjut*, Jakarta: Penerbit Buku Kedokteran EGC.
- Atmani, Y. Slimani, M. Mimouni, M. Aziz, B. Hacht, A. Ziyat, Effect of aqueous extract from *Herniaria hirsuta* L. On experimentally nephrolithiasic rats, *J. Ethnopharmacol.* 95 (2004) 87–93. [39]
- Baharudin, H., Wahyuni, Esa, Nur. (2008). *Teori Belajar dan Pembelajaran*. Yogyakarta: Ar-Ruzz Media
- Basavaraj DR, Biyani CS, Browning AJ, Cartledge JJ. 2007 The role of urinary kidney stone inhibitors and promoters in the pathogenesis of calcium containing renal stones. *EAUEBU Update Series*;5:12636.
- Basuki B. 2015 *Dasar-dasar urologi*. Malang: Sagung seto.
- Bihl G, Meyers A. 2001 Recurrent renal stone disease—advances in pathogenesis and clinical management. *The Lancet.*; 358(9282):651-6..
- Bilbault H and Haymann JP, 2016. Experimental models of renal calcium stones in rodents. *World J Nephrol* 5:189-94
- Bilbault H and Haymann JP, 2016. Experimental models of renal calcium stones in rodents. *World J Nephrol* 5:189-94.
- Bishop JM, Verlander JW, Lee HW, Nelson RD, Weiner AJ, Handlogten ME, Weiner ID (2010) Role of the Rhesus glycoprotein, Rh B glycoprotein, in renal ammonia excretion. *Am J Physiol Renal Physiol* 299(5):F1065–F1077
- Chandrasekar R *et al* 2019 Protective effect of ethanolic leaf extract of *Alphonsea sclerocarpa* against ethylene glycol induced urolithiasis in rat *Indian Journal of Natural Products and Resources Vol. 10(4), pp. 252-258*
- Conkling, John A.; Mocella, Christopher J. (2010). *Chemistry of Pyrotechnics (2nd ed.)*. CRC Press. ISBN 978-1574447408.
- Cristian TL, Romeo R, Juan CCE, *et al.*, 2016. Review Mango seed: functional and nutritional properties. *Trends food sci tech* 55:109-17.
- Cristian TL, Romeo R, Juan CCE, *et al.*, 2016. Review Mango seed: functional and nutritional properties. *Trends food sci tech* 55:109-17.
- Cunningham, P., Noble, H., Al-Modhefer, A.K., Walsh, I., 2016. Kidney stones: pathophysiology, diagnosis and management. *British J. Nurs.* 26 (20), 1112– 1116.
- Dal Moro F, Mancini M, Tavolini IM, De Marco V, Bassi P, 2005. Cellular and molecular gateways to urolithiasis: a new insight. *Urol Int.*; 74(3):193-7

- Dal Moro F, Mancini M, Tavolini IM, De Marco V, Bassi P. 2005 Cellular and molecular gateways to urolithiasis: a new insight. *Urol Int.*; 74(3):193-7.
- Ensminger, Audrey H.; et al. (1995). *The concise encyclopedia of foods & nutrition*. Internet Archive. Boca Raton, Fla. : CRC Press.
- Ethan B Russo (2013). *Cannabis and Cannabinoids: Pharmacology, Toxicology, and Therapeutic Potential*. Routledge. hlm. 28. ISBN 978-1-136-61493-4.2.2.3
- Fan J, Glass MA, Chandhoke PS. 1999 Impact of ammonium chloride administration on a rat ethylene glycol urolithiasis model. *Scanning Microsc.* 13:299-306.
- Fatemeh Akbari1, PharmD; Mohammad Azadbakht, PhD; Ayat Dashti, PhD; Lale Vahedi, MD; Ali Davoodi, PharmD. 2020 Celia Vargas-de la Cruz, Abdul Haleem Khan, Bashir Ahmad. 2020 Effect of *Prunus Mahaleb* L. Seed Extract on Ethylene glycol- and Ammonium Chloride-Induced Urolithiasis in BALB/c Mice *Pharmacogn. Mag, IP: 36.78.205.43*
- Fowles J, Banton M, Klapacz J, Shen H (2017) A toxicological review of the ethylene glycol series: commonalities and differences in toxicity and modes of action. *Toxicol Lett* 278:66–83
- Germplasm Resources Information Network (GRIN). 2008 *Prunus mahaleb*. Agricultural Research Service (ARS), United States Department of Agriculture (USDA). Retrieved -03-14.
- Ghelani H, Chapala M and Jadav P, Diuretic 2016 antiurolithiatic activities of an ethanolic extract of *Acorus calamus* L. rhizome in experimental animal models, *J Tradit Complement Med*, , 6(4), 431–436
- Gupta M, Bhayana S, Sikka 2011 S. Role of urinary inhibitors and promoters in calcium oxalate crystallisation. *Int J Research in Pharmacy and Chemistry*.;1:793-8.
- Gupta M, Bhayana S, Sikka SK (2011) Role of urinary inhibitors and promoters in calcium oxalate crystallisation. *Int J Res Pharm Chem* 1:793–798
- Gupta S and Kanwar SS, 2018. Phyto-molecules for Kidney Stones Treatment and Management Analytical Biochemistry. *Biochem Anal Biochem* 7:4.
- Gupta S and Kanwar SS, 2018. Phyto-molecules for Kidney Stones Treatment and Management Analytical Biochemistry. *Biochem Anal Biochem* 7:4.
- Gupta S and Kanwar SS, 2018. Phyto-molecules for Kidney Stones Treatment and Management Analytical Biochemistry. *Biochem Anal Biochem* 7:4.

- Handrasekar R, Jayanth P C, and Niranjan Babu M. 2019 Protective effect of ethanolic leaf extract of *Alphonsea sclerocarpa* against ethylene glycol induced urolithiasis in rat Indian *Journal of Natural Products and Resources Vol. 10(4)*, pp. 252-258
- Imam Agung Mugni, 2013. Uji Aktivitas Ekstrak etanol 70% Kapuk Randu (*Cieba pentandra* (L) Gaertn) Sebagai Penghambat Pembentukan Batu Ginjal Pada Tikus Putih Jantan). (SKRIPSI) Universitas Negeri (UIN) Syarif Hidayatulloh Jakarta
- J. Estakhr, N. Javdan, (2011) Preliminary study of phytochemical screening and antibacterial activity of *Physalis alkekengi* against *staphylococcus aureus*, *Pharmacologyonline 3* 97–103.
- Jameson J, Loscalzo J. Harrison's 2015 *Nephrology and Acid-Base Disorders*. New York: *McGraw-Hill Education*;
- Jaturakan O, Dissayabutra T, Chaiyabutr N, Kijtawornrat A, Tosukhowong P, Rungsipipat A, *et al* 2017. Combination of Vitamin E and Vitamin C alleviates renal function in hyperoxaluric rats via antioxidant activity. *J Vet Med Sci*;79:896 903.
- Karadi RV, Gadge NB, Alagawadi KR, Savadi RV (2006) Effect of *Moringa oleifera* Lam. root-wood on ethylene glycol induced urolithiasis in rats. *J Ethnopharmacol* 105(1–2):306–311
- Kemenkes 2013. *Laporan riset kesehatan dasar*. Jakarta: Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan Republik Indonesia; 2013.
- Khan A, Bashir S, Khan S R and Gilani A H, Antiurolithic activity of *Origanum vulgare* is mediated through multiple pathways, *BMC Complement Altern Med*, 2011, **11**(1), 1-16
- Khan SR, 2014. Reactive oxygen species, inflammation, and calcium oxalate nephrolithiasis. *Transl Androl Urol.*; 3(3):256.
- Liberati, A., Altman, D. G., Tetzlaff, J., Mulrow, C., Gøtzsche, P. C., Ioannidis, J. P. A., Clarke, M., Devereaux, P. J., Kleijnen, J., & Moher, D. (2009). The PRISMA statement for reporting systematic reviews and meta-analyses of studies that evaluate health care interventions: Explanation and elaboration. *PLoS Medicine*, 6(7). <https://doi.org/10.1371/journal.pmed.1000100>
- M. Mohanan in P. Daniel, Fl. Kerala, 2005 *Alphonsea sclerocarpa*. ; *Hook. f., Fl. Brit. India 1: 89. 1872*;

- Maharani, E. T., Mukaromah, A. H. & Susilo, J., 2012. Analisis Kalium Dan Prosentase Daya Larut Calsium Oksalat Oleh Kalium Dalam Air Teh Daun Sukun (*Artocarpus Altilis*). *Seminar Hasil-Hasil Penelitian – LPPM UNIMUS*.
- Marimuthu, M .; Krishnamoorthi, K. (2013). "Nutrisi dan sifat fungsional gram kuda (*Macrotyloma Uniflorum*), legum makanan India Selatan yang kurang dimanfaatkan". *Jurnal Penelitian Kimia dan Farmasi* . 5 (5): 390–394. ISSN 0975-7384 .
- Martha.E.B.T. 2014 *Angka kejadian batu ginjal di RSUP Prof Dr.R.D. Kandou Manado periode januari 2010-desember 2012*. E-clinic [internet]. [diakses tanggal 26 november 2019].
- Mochammad S, Aru W, Bambang S, Idrus A, Marcellus S, Siti S. 2014 *Batu saluran kemih. Dalam Ilmu Penyakit Dalam. Edisi kelima jilid II*. Jakarta: Interna Publishing;.
- Nisma F., 2011. Pengaruh Penambahan Ekstrak Etanol 70% Buah Anggur Biru (*Vitis vinivera* L.) Terhadap Kelarutan Kalsium Batu Ginjal. Jakarta: *Farmasi FMIPA UHAMKA*
- Nisma, F. 2011 Pngaruh Penambahan Ekstrak Etanol 70% Buah Anggur Biru (*visit vinifera* L) Terhadap Kelarutan Kalsium Batu Ginjal. *Skripsi*. Jakarta: Jurusan Farmasi FMIPA Uhamka.
- O. S. Olayeriju, O. O. Crown², O. O. Elekofehinti³, A. C. Akinmoladun², M. T. Olaleye² and A. A. Akindahunsi. 2020 Effect of moonseed vine (*Triclisia gilleti* Staner) on ethane-1,2-diol-induced urolithiasi and its renotoxicity in Wistar albino rats *African Journal of Urology*
- Padma Nibash Panigrahi. Sahadeb Deya, Monalisa Sahoo, Shyam Sundar Choudharya, Sumit Mahajana. 2016. Alteration in Oxidative/nitrosative Imbalance, Histochemical Expression Of Osteopontin And Antiurolithiatic Efficacy Of *Xanthium strumarium* (L.) In Ethylene Glycol Induced Urolithiasis. *Biomed Pharmacother*
- Pareta, S.K., Patra, K.C., Mazumder, P.M., Sasmal, D., 2011. Aqueous extract of *Boerhaavia diffusa* root ameliorates ethylene glycol-induced hyperoxaluric oxidative stress and renal injury in rat kidney. *Pharm. Biol.* 49 (12), 1224–1233.
- Patel M, Yarlagadda V, Adedoyin O, Saini V, Assimos DG, Holmes RP, Mitchell T (2018) Oxalate induces mitochondrial dysfunction and disrupts redox homeostasis in a human monocyte derived cell line. *Redox Biol* 15:207–215

- Patel PK, Vyas BA, Joshi SV (2016) Evaluation of Anti-urolithiatic effect of *Pedaliium murex* fruit extract in ethylene glycol-induced nephrolithiasis in rats. *Indian J Pharm Sci* 78(2):230–239
- Pawar A T and Vyawahare N S, 2015 Anti-urolithiatic activity of standardized extract of *Biophytum sensitivum* against zinc disc implantation induced urolithiasis in rats, *J Adv Pharm Technol Res*, , 6(4), 176–182
- R.V. Karadi, N.B. Gadge, K.R. Alagawadi, R.V. Savadi, (2006) Effect of *Moringa oleifera* Lam. root-wood on ethylene glycol induced urolithiasis in rats, *J. Ethnopharmacol.* 105 306–311.
- Rathod, N.R., Biswas, D., Chitme, H.R., Ratna, S., Muchandi, I.S., Chandra, R., 2012. Anti-urolithiatic effects of *Punica granatum* in male rats. *J. Ethnopharmacol.* 140 (2), 234–238.
- Rizki Yulianti R, Amaliah Dahlia, Aktsar Roskiana Ahmad, 2013. Penetapan Kadar Flavonoid Total Dari Ekstrak Etanolik Daun Benalu Mangga (*Dendrophthoe pentandra* L. Miq) *Fakultas Farmasi, Universitas Muslim Indonesia*
- Roihatul Mutiah, Avin Ainur Fitriyaningsih, Yen Yen Ari Indrawijaya, Nabila Rahmadani. 2020 The Activity of Purple Sweet Potato Leaves (*Ipomea batatas* Ver.) Extract to Calcium Oxalate Concentration of Male Rat (*Rattus novergicus*) *Traditional Medicine Journal*, ISSN-e : 2406-9086
- Rukmana, Rahmat. 1997. Ubi kayu Budidaya dan Pasca Panen. Yogyakarta: Kanisius
- Rukmana. R. (1997). *Mangga* (Seri Budi daya). Yogyakarta: Penerbit Kanisius
- Rulin Wang, Elsayed M. Younis, Vishnu Priya Veeraraghavan, Chenfei Tian. 2020 Anti-urolithiatic effect of Fucoxanthin on ethylene glycol-induced renal *Journal of King Saud University*, vol 32 ISSN-e 1896–1901 *calculus in experimental rats*
- S.R. Khan (1997) , Animal models of kidney stone formation: an analysis, *World J. Urol.* 15 236–243.
- Sener TE, Sener G, Cevik O, Eker P, Cetinel S, Traxer O, Tanidir Y, Akbal C (2017) The effects of melatonin on ethylene glycol-induced nephrolithiasis: role on osteopontin mRNA *gene expression*. *Urology* 99:287-e9
- Shafa Iman, Uzma Saleem and Bashir Ahmad, 2020. Preclinical Assessment of Anti-urolithiatic Activity of *Mangifera indica* Seeds on Ethylene Glycol Induced Urolithiasis Rat Model. *Pakistan veterinary journal*. ISSN: 2074-7764

- Shafa Iman, Uzma Saleem and Bashir Ahmad. 2020. Preclinical Assessment of Antiurolithiatic Activity of *Mangifera indica* Seeds on Ethylene Glycol Induced Urolithiasis Rat Model *Pakistan veterinary journal*. ISSN: 2074-7764
- Siswanto, S. (2012). Systematic Review Sebagai Metode Penelitian Untuk Mensintesis Hasil-Hasil Penelitian (Sebuah Pengantar). *Buletin Penelitian Sistem Kesehatan*, 13 <https://doi.org/10.22435/bpsk.v13i4>
- Soundararajan P, Mahesh R, Ramesh T, Begum 2006 VH. Effect of *Aerva lanata* on calcium oxalate urolithiasis in rats. *Indian J Exp Biol.*;44:981-6. *PubMed PMID: 17176671*
- Stockham SL, Scott MA. 2008. *Fundamental of Veterinary Clinical Pathology 2nd Ed.* Iowa : Blackwell Publishing.
- Suharjo, B., & Cahyono. (2009). *Batu Ginjal*, Kanisius, Yogyakarta
- Sujatha D, Singh K, Vohra M, Kumar KV, Sunitha S 2015. Antilithiatic Activity of phlorotannin rich extract of *Sarghassum wightii* on calcium oxalate urolithiasis – *In vitro* and *In vivo* Evaluation. *Int Braz J Urol*;41:51120.
- Sulisetijono.2009.*Bahan Serahan Alga*.Malang:UIN
- Sundoyo AW, Bambang S. 2006. *Buku Ajar Penyakit Dalam*. Jakarta : PP Departemen penyakit dalam.
- Thamilselvan S, Menon M. 2005 Vitamin E therapy prevents hyperoxaluria-induced calcium oxalate crystal deposition in the kidney by improving renal tissue antioxidant status. *BJU Int*;96:11726.
- Thangarathinam N, Jayshree N, Metha AV, Ramanathan 2013 L. Effect of polyherbal formulation on ethylene glycol induced urolithiasis. *Int J Pharm Pharm Sci.*;5:994-7.
- Tiam ER, Ngono Bikobo DS, Abouem A, Zintchem A, Mbabi Nyemeck N, Moni Ndedi EDF, Betote Diboué PH, Nyegue MA, Koert U (2019) Secondary metabolites from *Triclisia gillettii* (De Wild) Staner (Menispermaceae) with antimycobacterial activity against *Mycobacterium tuberculosis*. *Nat Prod Res* 33(5):642–650
- Tiam ER, Ngono Bikobo DS, Abouem A, Zintchem A, Mbabi Nyemeck N, Moni Ndedi EDF, Betote Diboué PH, Nyegue MA, Koert U (2019) Secondary metabolites from *Triclisia gillettii* (De Wild) Staner (Menispermaceae) with antimycobacterial activity against *Mycobacterium tuberculosis*. *Nat Prod Res* 33(5):642–650

Vaibhavkumar B. Patel, Niyati Acharya. 2020 Effect of *Macrotyloma uniflorum* in ethylene glycol induced urolithiasis in rats *Heliyon*, ISSN-e 2405-8440

Zapp, Karl-Heinz (2012) "Ammonium Compounds" in *Ullmann's Encyclopedia of Industrial Chemistry*. Wiley-VCH, Weinheim.