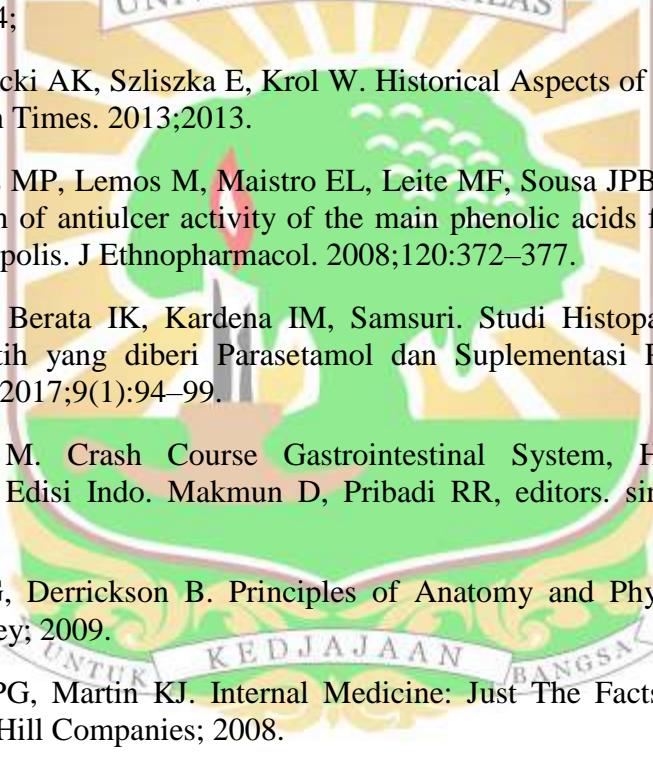


## DAFTAR PUSTAKA

1. Nuraida E, Sutiningsih D, Hadi M. Effectiveness of neem (*Azadirachta indica* a.juss) bark extract as a gastroprotector. *J Kedokt dan Kesehat Indones.* 2020;11(2):150–156.
2. Da Silva LM, De Souza P, Al Jaouni SK, Harakeh S, Golbabapour S, Andrade SF de. Propolis and Its Potential to Treat Gastrointestinal Disorders. *Evidence-based Complement Altern Med.* 2018;
3. Syamsuhidayat R, Jong W de, editors. *Buku Ajar Ilmu Bedah.* 2nd ed. jakarta: EGC; 2004.
4. Suharti, Rusdi, Sugesti E. Pengaruh Pemberian Sari Wortel ( *Daucus carota L* .) terhadap Tukak Lambung Pada Tikus Putih Jantan. *J Sains Farm Klin.* 2015;2(1):99–103.
5. Dejban P, Eslami F, Rahimi N, Takzare N, Jahansouz M mostafa, Dehpour AR. Involvement of nitric oxide pathway in the anti-inflammatory effect of modafinil on indomethacin- , stress- , and ethanol -induced gastric mucosal injury in rat. *Eur J Pharmacol.* 2020;887(September).
6. Cao L, Li X, Xu R, Yao K, Yang W, Zhu H, et al. DUOX2 , a common modulator in preventive effects of monoamine-based antidepressants on water immersion restraint stress- and indomethacin- induced gastric mucosal damage. *Eur J Pharmacol.* 2020;876(February).
7. Zimmermann PG, Hammond BB. *Sheehy's Emergency and Disaster Nursing.* 1st Indone. Kurniati A, Trisyanni Y, Ikaristi Maria Theresia S, editors. Singapura: Elsevier Health Sciences; 2017.
8. Ananda FR. Efek Gastroprotektif Ekstrak Etanol Daun Bangun-Bangun (*Plectranthus amboinicus* (Lour.) Spreng.) pada Lambung Tikus Putih Jantan (*Rattus novergicus*) yang Diinduksi Dengan Metode Stres. Universitas Sumatera Utara; 2016.
9. Hatware KV, Sharma S, Patil K, Shete M, Karri S. Biomedicine & Pharmacotherapy Evidence for gastroprotective , anti-in fl ammatory and antioxidant potential of methanolic extract of *Cordia dichotoma* leaves on indomethacin and stress induced gastric lesions in Wistar rats. *Biomed Pharmacother.* 2018;103:317–325.
10. De Barros MP, Sousa JPB, Bastos JK, De Andrade SF. Effect of Brazilian green propolis on experimental gastric ulcers in rats. *J Ethnopharmacol.* 2007;110:567–571.

- 
11. Ngenge TA, Carol DME, Emmanuel T, Vernyuy TP, Joseph MT, Popova M, et al. Chemical Constituents and Anti-ulcer Activity of Propolis from the North-West Region of Cameroon. *Res J Phytochem*. 2016;10(2):45–57.
  12. Pillai SI, Kandaswamy M, Subramanian S. Antiulcerogenic and ulcer healing effects of Indian propolis in experimental rat ulcer models. *J ApiProduct ApiMedical Sci*. 2010;2(1):21–28.
  13. Wagh VD. Propolis : A Wonder Bees Product and Its Pharmacological Potentials. *Adv Pharmacol Sci*. 2013;
  14. Nakamura T, Ohta Y, Ikeno K, Ohashi K, Ikeno T. Protective Effect of Repeatedly Preadministered Brazilian Propolis Ethanol Extract against Stress-Induced Gastric Mucosal Lesions in Rats. *Evidence-Based Complement Altern Med*. 2014;
  15. Kuropatnicki AK, Szliszka E, Krol W. Historical Aspects of Propolis Research in Modern Times. 2013;2013.
  16. De Barros MP, Lemos M, Maistro EL, Leite MF, Sousa JPB, Bastos JK, et al. Evaluation of antiulcer activity of the main phenolic acids found in Brazilian Green Propolis. *J Ethnopharmacol*. 2008;120:372–377.
  17. Maria N, Berata IK, Kardena IM, Samsuri. Studi Histopatologis Lambung Tikus Putih yang diberi Parasetamol dan Suplementasi Propolis. *Bul Vet Udayana*. 2017;9(1):94–99.
  18. Griffiths M. Crash Course Gastrointestinal System, Hepatobiliary and Pancreas. Edisi Indo. Makmun D, Pribadi RR, editors. singapura: Elsevier; 2020.
  19. Tortora G, Derrickson B. Principles of Anatomy and Physiology. 12th ed. Asia: Wiley; 2009.
  20. Schmitz PG, Martin KJ. Internal Medicine: Just The Facts. Singapore: The McGraw-Hill Companies; 2008.
  21. Bolon CMT, Siregar D, Kartika L, Supinganto A, Manurung SS, Sitanggang YF, et al. Anatomi dan Fisiologi untuk Mahasiswa Kebidanan. Medan: Yayasan Kita Menulis; 2020.
  22. Kumar V, Abbas AK, Fausto N, Pendit BU. Dasar Patologis Penyakit. Edisi 7. Jakarta: EGC; 2009.
  23. Mills SE. Histology for Pathologists. Fourth edi. Philadelphia: Lippincott Williams & Wilkins; 2012.
  24. Sherwood L. Human Physiology: From Cells to Systems. 7th Ed. Canada:

- Yolanda Cossio; 2010.
25. Staf Pengajar Departemen Farmakologi Fakultas Kedokteran Universitas Sriwijaya. Kumpulan Kuliah Farmakologi. Edisi 2. Jakarta: EGC; 2009.
  26. Kee JL, Evelyn R. Hayes. Farmakologi. Jakarta: EGC; 1996.
  27. Muttaqin A, Kumala S. Gangguan Gastrointestinal: Aplikasi Asuhan Keperawatan Medikal Bedah. Jakarta: Salemba Medika; 2013.
  28. Price SA, Wilson LM, Pendit BU. Patofisiologi: Konsep Klinis Proses-Proses Penyakit. Jakarta: EGC; 2005.
  29. Khairunnisa K, Mardawati E, Putri SH. Karakteristik Fitokimia dan Aktivitas Antioksidan Ekstrak Propolis Lebah Trigona Sp. J Ind Pertan. 2020;2(1):124–129.
  30. Rosyidi D, Eka Radiati L, Minarti S, Mustakim M, Susilo A, Jaya F, et al. Perbandingan Sifat Antioksidan Propolis pada Dua Jenis Lebah (Apis mellifera dan Trigona sp.) di Mojokerto dan Batu, Jawa Timur, Indonesia. J Ilmu dan Teknol Has Ternak. 2018;13(2):108–117.
  31. Riendriasari SD, Krisnawati K. Produksi Propolis Mentah ( Raw Propolis) Lebah Madu Trigona spp di Pulau Lombok. ULIN J Hutan Trop. 2017;1(1):71–75.
  32. Lamerkabel JS. Mengenal Jenis-Jenis Lebah Madu, Produk-Produk dan Cara Budidayanya. Logika. 2011;9(1):hal.70-78.
  33. Fadhilah R, Rizkika K. Laba : Lebah Tanpa Sengat. Indonesia: PT Trubus Swadaya; 2015.
  34. El-ghazaly MA, Rashed RRA, Khayyal MT. Anti-ulcerogenic effect of aqueous propolis extract and the influence of radiation exposure. Int J Radiat Biol. 2011;87(10):1045–1051.
  35. Fatima S, Heena ST, Qureshi AS, Azharuddin M. Evaluation of antiulceractivity of 70% hydro-ethanolic leaf extract of Argemone mexicanaLinn. in experimental rats. IOSR J Pharm. 2016;6(4):41–50.
  36. Steven OO. Preliminary Studies On The Anti-Ulcer Potentials Of Vitex doniana Crude Extracts On Experimental Rat Model Of Ethanol Induced Gastric Ulcer. Asian Pacific J Trop Dis. 2016;6(9):736–740.
  37. Syahputri F. Efek Propolis Terhadap Kekuatan Impak Tulang pada Tikus Putih Betina Sebagai Pemodelan Postmenopause yang di Ovariectomi. Universitas Andalas; 2020.

38. Selviana BY. Effect of Coffee and Stress with the Incidence of Gastritis. *J Major*. 2015;4(2).
39. Sulamanda SC, Fidrianny I, Soemardji AA. Preventif Tukak Lambung pada Tikus Wistar Betina dengan Gel Daun Cincau Hijau Segar (*Cyclea barbata* Miers.). *J Med Planta*. 2011;1(3).
40. Sesler JM. Stress-related Mucosal Disease in the Intensive Care Unit. *AACN Adv Crit Care*. 2007;18(2):119–128.
41. Dewi WI, Aman I, Bagiada N. Pemberian Ekstrak Bij I Kakao (*Theobroma Cacao L.*) Menurunkan Kadar Malondialdehide Dan Meningkatkan Kadar NOx Darah Tikus Putih (*Rattus Norvegicus*) yang Diinduksi Stres Psikososial. *J Ilm Kedokt*. 2012;43:146–152.
42. Fan F, Li L, Liu W, Yang M, Ma X, Sun H. Astrocytes and Neurons in Locus Coeruleus Mediate Restraint Water Immersion Stress-Induced Gastric Mucosal Damage Through the ERK1/2 Signaling Pathway. *Neurosci Lett*. 2018;675:95–102.
43. Zhao D-Q, Xue H, Sun H-J. Nervous Mechanisms of Restraint Water-Immersion Stress-Induced Gastric Mucosal Lesion. *World J Gastroenterol*. 2020;26(20):2533–2549.
44. Takagi K, Kasuya Y, Watanabe K. Studies on the Drugs for Peptic Ulcer. A Reliable Method for Producing Stress Ulcer in Rats. *Chem Pharm Bull*. 1964;12(4):465–472.
45. Shian WM, Sasaki I, Kamiyama Y, Naito H, Matsuno S, Miyazawa T. The Role of Lipid Peroxidation on Gastric Mucosal Lesions Induced by Water-Immersion-Restraint Stress in Rats. *Surg Today Japan J Surg*. 2000;30:49–53.
46. Nugroho RA. Mengenal Mencit sebagai Hewan Laboratorium. Samarinda: Mulawarman University Press; 2018.
47. Barthel M, Hapfelmeier S, Quintanilla-Martínez L, Kremer M, Rohde M, Hogardt M, et al. Pretreatment of mice with streptomycin provides a *Salmonella enterica* serovar *Typhimurium* colitis model that allows analysis of both pathogen and host. *Infect Immun*. 2003;71(5):2839–2858.