DAFTAR PUSTAKA

Abuzaid, H., Amin, E., Moawad, A., Usama Ramadan, Abdelmohsen, Hetta, M., & Mohammed1, R. (2020). Liquid Chromatography High-Resolution Mass Spectrometry Analysis, Phytochemical and Biological Study of Two Aizoaceae Plants Plants: A New Kaempferol Derivative from Trianthema portulacastrum L. *Pharmacognosy Research*, *10*(October), 24–30. https://doi.org/10.4103/pr.pr

Ali-Seyed, M., & Vijayaraghavan, K. (2019). Nutraceuticals for Wound Healing: A Special Focus on Chromolaena odorata as Guardian of Health with Broad Spectrum of Biological Activities. *Nutraceuticals in Veterinary Medicine*, 541–562. https://doi.org/10.1007/978-3-030-04624-8_36

Amid, A. S., Makinde, O. A., & Akinrinmade, F. J. (2020). Effects of Melatonin and Flavonoid-Rich Fractions of Chromolaena odorata on the Alteration of Proinflammatory Cytokines and Nitric Oxide Induced by Aflatoxin B1 in the Gastric Mucosa of Wistar Rats. *Journal of Interferon and Cytokine Research*, *40*(4), 182–187. https://doi.org/10.1089/jir.2019.0101

Amirah Aziz, N., Mohamad, M., Mohsin, H. F., Aqmar, N., Hazalin, M. N., & Hamid, K. A. (2020). The Pharmacological Properties and Medicinal Potential of Chromolaena odorata: A Review. *International Journal of Pharmaceuticals, Nutraceuticals and Cosmetic Science*, *2*, 30–41.

Aquino, C. I., Saccone, G., Troisi, J., Guida, M., Zullo, F., & Berghella, V. (2019). Is Ritgen's maneuver associated with decreased perineal lacerations and pain at delivery? *Journal of Maternal-Fetal and Neonatal Medicine*, *0*(0), 3185–3192. https://doi.org/10.1080/14767058.2019.1568984

Bastari, B. B., Yunita, E., Sari, K., Asteria, M., Famil, J., & Oktoviani, O. (2023). Comparison of Propolis Extracts and Bioplacenton at Epidermal Re-epithelialization Process in Burn Wound of Mice (Mus musculus). *Sang Pencerah: Jurnal Ilmiah Universitas Muhammadiyah Buton*, *9*(2), 355–363. https://doi.org/10.35326/pencerah.v9i2.3007

Bowden, L. G., Byrne, H. M., Maini, P. K., & Moulton, D. E. (2016). A morphoelastic model for dermal wound closure. *Biomechanics and Modeling in Mechanobiology*, *15*(3), 663–681. https://doi.org/10.1007/s10237-015-0716-7

Buckland, C., Hector, D., Kolt, G. S., Thepsourinthone, J., & Arora, A. (2022). Experiences of young Australian mothers with infant feeding. *BMC Pregnancy and Childbirth*, *8*, 1–13. https://doi.org/10.1186/s12884-022-04796-8

Chinyere, N. L., Igwe, O. U., Mac-Kalunta, O. M., Echeme, J. O., & Nkeiruka, U. M. (2024). Phytochemical screening and wound healing studies of Chromolaena

munication in Physical Sciences, *11*(2), 265–275.

ar, W. R. G. (2023). Perineal Lacerations. *National Library of National Institute of Health*, *101*(26), 928–928. '10.1056/nejm187912251012611

U., & Anwar, M. (2020). The effectiveness of aloe vera gel in

reducing the pain of perineal wound. *Medisains*, *18*(3), 99. https://doi.org/10.30595/medisains.v18i3.8202

du Sert, N. P., Ahluwalia, A., Alam, S., Avey, M. T., Baker, M., Browne, W. J., Clark, A., Cuthill, I. C., Dirnagl, U., Emerson, M., Garner, P., Holgate, S. T., Howells, D. W., Hurst, V., Karp, N. A., Lazic, S. E., Lidster, K., MacCallum, C. J., Macleod, M., … Würbel, H. (2020). Reporting animal research: Explanation and elaboration for the arrive guidelines 2.0. In *PLoS Biology* (Vol. 18, Issue 7). https://doi.org/10.1371/journal.pbio.3000411

Eze, F. N., & Jayeoye, T. J. (2021). Chromolaena odorata (Siam weed): A natural reservoir of bioactive compounds with potent anti-fibrillogenic, antioxidative, and cytocompatible properties. *Biomedicine and Pharmacotherapy*, *141*(May), 111811. https://doi.org/10.1016/j.biopha.2021.111811

Faraji, A., Aghdaki, M., Hessami, K., Hosseinkhani, A., Roozmeh, S., Asadi, N., Vafaei, H., Kasraeian, M., Bagheri, R., Bazrafshan, K., & Foroughinia, L. (2021). Episiotomy wound healing by Commiphora myrrha (Nees) Engl. and Boswellia carteri Birdw. in primiparous women: A randomized controlled trial. *Journal of Ethnopharmacology*, *264*(February 2020), 113396. https://doi.org/10.1016/j.jep.2020.113396

Festing, M. F. W., & Altman, D. G. (2002). Guidelines for the design and statistical analysis of experiments using laboratory animals. *ILAR Journal*, *43*(4), 244–257. https://doi.org/10.1093/ilar.43.4.244

Gantwerker, E. A., & Hom, D. B. (2012). Skin: Histology and physiology of wound healing. *Clinics in Plastic Surgery*, *39*(1), 85–97. https://doi.org/10.1016/j.cps.2011.09.005

Ghassani, M., Martini, N., Susanti, A. I., Nirmala, S. A., & Handayani, D. S. (2020). Pengetahuan Ibu Nifas Mengenai Penyembuhan Luka Perineum Dengan Menggunakan Media Booklet. *Jurnal Kebidanan Malahayati*, *6*(3), 368–375. https://doi.org/10.33024/jkm.v6i3.2676

Gluck, O., Ganer Herman, H., Tal, O., Grinstein, E., Bar, J., Kovo, M., Ginath, S., & Weiner, E. (2020). The association between the number of vaginal examinations during labor and perineal trauma: a retrospective cohort study. *Archives of Gynecology and Obstetrics*, *301*(6), 1405–1410. https://doi.org/10.1007/s00404-020-05552-z

Gogoi, R., Sarma, N., Begum, T., Pandey, S. K., & Lal, M. (2020). North-East Indian Chromolaena odorata (L. King Robinson) Aerial Part Essential Oil Chemical Composition, Pharmacological Activities - Neurodegenerative Inhibitory and Toxicity Study. *Journal of Essential Oil-Bearing Plants*, *23*(6), 1173–1191. https://doi.org/10.1080/0972060X.2020.1867009

r, P. (2015). Assessment of the histological state of the healing : *and Aesthetic Research*, *2*(5), 239. https://doi.org/10.4103/2347-

a, Y., Aprilia, C. A., Makkiyah, F. A., Puspita, R., Kharisma, V. D., M. H., Murtadlo, A. A. A., Turista, D. D. R., Tamam, M. B.,

Mandeli, R. S., Maahury, M. F., Purnamasari, D., Ghifari, M. A., Albari, M. T., Ghifari, M. R., Tasakka, A. C. M. A. R., Nugraha, A. P., & Zainul, R. (2022). The phytochemical and pharmacological activity of extract Kirinyuh (Chromolaena odorata L.) leaves: A Review. *Pharmacognosy Journal*, *14*(5), 580–586. https://doi.org/10.5530/pj.2022.14.139

Haryanto, Pertiwi, W., & Ihsani, N. (2019). Siklus Estrus Mencit Betina Virgin(Mus musculus) Strain BALB/c setelah Terpapar Berbagai Jenis Sound. *Journal of Science, Technology, and Enterpreneurship*, *1*(2), 127–133. http://www.ejournal.umbandung.ac.id/index.php/

Idaman, M., Darma, I. Y., & Amna, F. A. (2019). The Differences Result Of Perineal Massage And Kegel Exercises Toward Preventing Of Perineal Laceration During Labor. *Proceeding International Confrence Syedza Saintika*, 303–309.

Indayani, N., & Juliyanti, N. (2023). The Effect of Betel Leaf Decoction and Consumption of Boiled Eggs on Perineal Wound Healing in Postpartum Mothers at Cikulur Health Center in 2022. *Influence: International Journal of Science Review*, *5*(1), 72–77. https://doi.org/10.54783/influencejournal.v5i1.103

Indrayani, T., & Tuasikal, N. (2020). *The Effect of Perineal Massage on Perineal Tear Case on Primigravida Pregnant Mothers In Their Third Trimester In Public Health Center Care of Morokay 2018*. *9*(2), 588–592. https://doi.org/10.30994/sjik.v9i2.346

Jansson, M. H., Franzén, K., Hiyoshi, A., Tegerstedt, G., Dahlgren, H., & Nilsson, K. (2020). Risk factors for perineal and vaginal tears in primiparous women – the prospective POPRACT-cohort study. *BMC Pregnancy and Childbirth*, *20*(1), 1–14. https://doi.org/10.1186/s12884-020-03447-0

Kelechi Nkechinyere, M.-O., & Mary Chioma, O.-O. (2020). Antibacterial Activities and Phytochemical Analysis of <i>Chromolaena odorata</i> Leaves on Methicillin Resistant <i>Staphylococcus aureus</i> *American Journal of Biomedical and Life Sciences*, *8*(2), 33. https://doi.org/10.11648/j.ajbls.20200802.12

Kemenkes RI. (2021). Profil Kesehatan Indonesia 2020. In *IT - Information Technology*. https://doi.org/10.1524/itit.2006.48.1.6

Kusuma, W. A., Yudhana, A., Andriyani, A., Oktaviana, V., & Chaerunisa, N. A. (2020). First Report of Polyplax spinulosa in Albino Rats in Banyuwangi, East Java, Indonesia. *Jurnal Medik Veteriner*, *3*(1), 123. https://doi.org/10.20473/jmv.vol3.iss1.2020.123-126

Limbachiya, N., & Parmar, N. (2022). “Evaluate the Effectiveness of Perineal Care on Episiotomy Pain and Wound Healing among Postpartum Women.” *Journal of Pharmaceutical Negative Results*, *13*(6), 509–518. '10.47750/pnr.2022.13.S06.070

ah, Zulkifli, Duppa, M. T., & Sibadu, M. S. A. (2022). The Of Ethanol Extract Botto’-botto’ Leaves (Chromolaena odorata L mal Patch Formulation As Medication In Wound healing. *Ad-al of Pharmaceutical Sciences*, *5*(1), 59–66.

Matyashov, T., Pardo, E., Rotem, R., Lichtman, Y., Katz, M. E., Id, Y. W., & Id, A. H. (2022). *The association between striae gravidarum and perineal lacerations during labor*. 4–11. https://doi.org/10.1371/journal.pone.0265149

Mboua Batoum, V., Ngo Um Meka, E., Essiben, F., & Robinson, M. E. (2021). Perineal body length and prevention of perineal lacerations during delivery in cameroonian primigravid patients. *International Journal of Gynecology and Obstetrics*, *154*(3), 481–484. https://doi.org/10.1002/ijgo.13580

Mokhtar, N. A., Tap, F. M., Rozani, N. H. A., Bahiyah, N., Khairudin, A., & Ali, R. R. (2023). Phytochemical Profiling, Pharmacology prediction, and molecular docsking study of Chromolaena Odorata Extract against multiple target proteins in wound healing. *Journal of HerbMed Pharmacology*, *12*(4), 469–482. https://doi.org/10.34172/jhp.2023.44672

Muchtar, D. T. S. (2017). *Uji Aktivitas Antiinflamasi Gel Ekstrak Etanol Daun Botto'-Botto'(Chromoloena odorata (L) pada Tikus Putih (Rattus novergicus) Jantan yang Diinduksi Karagenan*. *L*, 1–74.

Muzammil, E., Khairan, K., & Surachman, A. S. (2024). The Effect Of Kirinyuh Leaves Aqueous Extract (Chromolaena odorata (L) R.M.King & H.Rob.) on Phase 2 Collagen Density Wound Healing in Mice (Mus musculus). *Jurnal Kedokteran Syiah Kuala*, *24*(1), 1–9. https://doi.org/10.24815/jks.v24i1.34823

Nabilah, N. (2021). *… ANTIPIRETIK DAN TOKSISITAS AKUT MINYAK ATSIRI DAN EKSTRAK ETANOL RESIDU DAUN KIRINYUH (Chromolaena odorata L.) TERHADAP MENCIT (Mus …*. https://repository.universitas-bth.ac.id/1728/

Ninan, N., Thomas, S., & Grohens, Y. (2015). Wound healing in urology. *Advanced Drug Delivery Reviews*, *82*, 93–105. https://doi.org/10.1016/j.addr.2014.12.002

Notoatmodjo, S. (2012). *Metodologi Penelitian Kesehatan*. PT Rineka Cipta.

Olawale, F., Olofinsan, K., & Iwaloye, O. (2022). Biological activities of Chromolaena odorata: A mechanistic review. *South African Journal of Botany*, *144*(January), 44–57. https://doi.org/10.1016/j.sajb.2021.09.001

Omokhua, A. G., McGaw, L. J., Finnie, J. F., & Van Staden, J. (2016). Chromolaena odorata (L.) R.M. King & H. Rob. (Asteraceae) in sub-Saharan Africa: A synthesis and review of its medicinal potential. *Journal of Ethnopharmacology*, *183*(May), 112–122. https://doi.org/10.1016/j.jep.2015.04.057

Permenkes RI, 2018. (2018). Peraturan Menteri Kesehatan Republik Indonesia Nomor 15 Tahun 2018 tentang Penyelenggaraan Pelayanan Kesehatan Tradisional Komplementer. *World Development*, *1*(1), 1–15. http://www.fao.org/3/I8739EN/i8739en.pdf%0Ahttp://dx.doi.org/10.1016/j.adolescence.2017.01.003%0Ahttp://dx.doi.org/10.1016/j.childyouth.2011.10.007%0Ahttps://www.tandfonline.com/doi/full/10.1080/23288604.2016.1224023%0Ahttps://www.tandfonline.com/doi/full/10.1080/23288604.2016.1224023%0Ahttps://www.tandfonline.com/lookup/doi/10

ul, G., Sakdamas, A., Taluengjit, N., Sakamoto, S., & Putalun, W. en and effective method using oils to remove chlorophyll from odorata (L.) R.M. King & H. Rob. *Songklanakarin Journal of echnology*, *42*(5), 1084–1090.

Pierce-Williams, R. A. M., Saccone, G., & Berghella, V. (2021). Hands-on versus hands-off techniques for the prevention of perineal trauma during vaginal delivery: a systematic review and meta-analysis of randomized controlled trials. *Journal of Maternal-Fetal and Neonatal Medicine*, *34*(6), 993–1001. https://doi.org/10.1080/14767058.2019.1619686

Portou, M. J., Baker, D., Abraham, D., & Tsui, J. (2015). The innate immune system, toll-like receptors and dermal wound healing: A review. *Vascular Pharmacology*, *71*, 31–36. https://doi.org/10.1016/j.vph.2015.02.007

Putri, D. A., & Fatmawati, S. (2019). A New Flavanone as a Potent Antioxidant Isolated from Chromolaena odorata L. Leaves. *Evidence-Based Complementary and Alternative Medicine*, *2019*(2017). https://doi.org/10.1155/2019/1453612

Putry, B. O., Harfiani, E., Tjang, Y. S., Studi Kedokteran Program Sarjana, P., UPN Veteran Jakarta, F., Farmakologi, D., & UPN Veteran Jakarta Jl Fatmawati, F. R. (2021). Systematic review: efektivitas ekstrak daun kirinyuh (Chromolaena Odorata L.) terhadap penyembuhan luka studi in vivo dan in vitro. *Seminar Nasional Riset Kedokteran*, *2*(1), 9. https://conference.upnvj.ac.id/index.php/sensorik/article/view/979

R, T. H. T., Darmawi, D., Azwar, A., & Jamil, K. F. (2023). *Bioactive phytoconstituents and hemostatic and angiogenetic activities of Chromolaena odorata L . leaf extract gel on an animal epistaxis model [version 1 ; peer review : awaiting peer review]*. 1–15.

Ramesh Omranipour & Mahtab Vasigh. (2020). Mastitis, Breast Abscess, and Granulomatous Mastitis. *Diseases of the Breast during Pregnancy and Lactation*, 53–61.

Ramezani, F., Falah, N., & Mafi, M. (2020). *Effect of Perineal Massage with Ostrich Oil on the Episiotomy and Lacerations in Nulliparous Women : A Randomized Controlled Clinical Trial*. 134–138. https://doi.org/10.4103/ijnmr.IJNMR

Resmi, G., & Amsamani, S. (2022). Antibacterial and wound healing efficacy of Chromolaena odorata treated dressings. *Indian Journal of Fibre and Textile Research*, *47*(1), 78–86. https://doi.org/10.56042/ijftr.v47i1.64920

Sangnim, T., Meeboon, P., Phongsewalak, P., Prasongdee, P., Sriamornsak, P., Singh, I., Manmuan, S., & Huanbutta, K. (2022). Development and Evaluation of Liquid Plaster Loaded with Chromolaena odorata Leaf Extract Endowed with Several Beneficial Properties to Wound Healing. *Gels*, *8*(2). https://doi.org/10.3390/gels8020072

Seyed, M. A., Elodemi, M., & Lalawy, adel I. (2024). A Comprehensive Review on the Therapeutic Potential of Pectin. *International Journal of Innovative Science*

earch Technology (IJISRT), *18*(07), 405–410. '10.38124/ijisrt/ijisrt24jul718

Santos, I. D. D., Pereira-Filho, R. N., Gomes, S. V. F., Lima-Verde, s, M. N., Cardoso, J. C., Severino, P., Souto, E. B., & de Júnior, R. L. C. (2021). Histological evidence of wound healing n rats treated with oral administration of hydroalcoholic extract of

vitis labrusca. *Current Issues in Molecular Biology*, *43*(1), 335–352. https://doi.org/10.3390/cimb43010028

Schweinfurth, M. K. (2020). The social life of norway rats (Rattus norvegicus). *ELife*, *9*, 1–26. https://doi.org/10.7554/eLife.54020

Sriyanti, I., Marlina, L., Fudholi, A., Marsela, S., & Jauhari, J. (2021). Physicochemical properties and in vitro evaluation studies of polyvinylpyrrolidone/cellulose acetate composite nanofibres loaded with Chromolaena odorata (L) King extract. *Journal of Materials Research and Technology*, *12*, 333–342. https://doi.org/10.1016/j.jmrt.2021.02.083

Standring, Susan, (2016). GRAY's ANATOMY 41st Edition The Anatomical Basis of Clinical Practice. Elsevier: London, United Kindom.

Sulistianingsih, A., & Wijayanti, Y. (2019). Faktor yang Berpengaruh terhadap Penyembuhan Luka Perineum pada Ibu Postpartum. *Journal for Quality in Women's Health* |, *2*(1), 11–18. https://doi.org/10.30994/jqwh.v2i1.22

Susilawati, S., Patimah, M., & Sagita Imaniar, M. (2020). Determinan Lama Penyembuhan Luka Perineum pada Ibu Nifas. *Faletehan Health Journal*, *7*(3), 132–136. www.journal.lppm-stikesfa.ac.id/ojs/index.php/FHJ

Swenson, C. W., Low, L. K., Kowalk, K. M., & Fenner, D. E. (2019). Randomized Trial of 3 Techniques of Perineal Skin Closure During Second-Degree Perineal Laceration Repair. *Journal of Midwifery and Women's Health*, *64*(5), 567–577. https://doi.org/10.1111/jmwh.13020

Teuku Husni, T. R., Darmawi, D., Azwar, A., & Jamil, K. F. (2023). Bioactive phytoconstituents of ethanolic extract from Chromolaena odorata leaves interact with vascular endothelial growth factor and cyclooxygenase-2: A molecular docking study. *Journal of Advanced Pharmaceutical Technology and Research*, *14*(1), 29–33. https://doi.org/10.4103/japtr.japtr_520_22

WHO. (2021). *Maternal Mortality Decrease for 2030*. 2023.

Wibowo, S. S., Anwar, C., Djamil, M., & Runjati. (2021). *Efektivitas Salep Ekstrak Bawang Putih Terhadap Penyembuhan Luka Perineum Pada Tikus*. 1–6.

Widiartini, W., Siswati, E., Setiyawati, A., Rohmah, I. M., & Prastyo, E. (2015). Pengembangan Usaha Produksi Tikus Putih (Rattus norvegicus) terseretifikasi dalam memenuhi kebutuhan dan mengembangkan berbagai macam bidang ilmu dalam skala penelitian atau pengamatan laboratoris Malole dan kewirausahaan. *S-1 Peternakan, Fakultas Peternakan Dan Pertanian, Universitas Diponegoro*, 1–8.

Wilkinson, H. N., & Hardman, M. J. (2020). Wound healing: cellular mechanisms and pathological outcomes: Cellular Mechanisms of Wound Repair. *Open Biology*, *10*(9). https://doi.org/10.1098/rsob.200223

landajani, J., & Rosanto, Y. B. (2020). Effectiveness of Kirinyuh Odorata) Extract on Increasing of Collagen Fibers after Tooth urnal of International Dental and Medical Research*, *13*(4), 1258–

yah, M., Harsono, A. D., & Yanis, M. A. (2024). Healing Potential

of Chromolaena odorata Extract : Modulation of Neutrophil , Macrophage , and Lymphocyte Response in Infected Wounds of Mus musculus. *Journal of Research in Science Education*, *10*(12), 10670–10676. https://doi.org/10.29303/jppipa.v10i12.9423

Young, A., & McNaught, C. E. (2011). The physiology of wound healing. *Surgery*, *29*(10), 475–479. https://doi.org/10.1016/j.mpsur.2011.06.011

Yudhika, I., & Jailani, M. (2021). Histopathological overview of wound healing process in white rats (Rattus norvegicus) using Chromolaena odorata leaf jelly extract. *Journal Of International Surgery and Clinical Medicine (JISCM)*, *1*(2), 21–28. https://doi.org/10.51559/jiscm.v1i2.16