

DAFTAR PUSTAKA

Alioune Diallo, Yoro Tine, Madièye Sène, Mamadou Diagne, Abdoulaye Diop, Saliou Ngom, Idrissa Ndoye, Cheikh Saad Bouh Boye, Guata Yoro Sy, Jean Costa, Alassane Wélé & Julien Paolini (2022). The essential oil of *Melaleuca leucadendra* L. (Myrtaceae) from Fatick (Senegal) as a source of methyleugenol. Composition, antibacterial and anti-inflammatory activities. *Journal of Essential Oil Research*. DOI: 10.1080/10412905.2022.2067254

Annu. Rev. Pathol. Mech. Dis. (2007). *Annual Review of Pathology: Mechanisms of Disease*, 2, 251-275.

Aydin S, Emre E, Ugur K, Aydin MA, Sahin I, Cinar V, et al. (2025). An overview of ELISA: a review and update on best laboratory practices for quantifying peptides and proteins in biological fluids. *Journal of International Medical Research*, 53(2), 1-18. doi:10.1177/03000605251315913

Aziz, Z. A. A., et al. (2018). Essential Oils: Extraction Techniques, Pharmaceutical And Therapeutic Potential - A Review. *Current Drug Metabolism*, 19(13), 1100-1110. DOI: 10.2174/1389200219666180723144850

Barbosa LCA, Cleber JS, Róbson RT, Renata MSAM, Antonio LP. (2013). Chemistry and biological activities of essential oil from *Melaleuca* L. species. *Agriculturae Conspectus Scientificus*, 78(1), 11-23.

Bates, D.O. (2010). Vascular endothelial growth factors and vascular permeability. *Cardiovascular Research*, 87, 262-271. doi: 10.1093/cvr/cvq105

Cai, Z.M., Peng, J.Q., Chen, Y., Tao, L., Zhang, Y.Y., Fu, L.Y., Long, Q.D., & Shen, X.C. (2020). 1,8-Sineole: a review of source, biological activities, and application. *Journal of Asian Natural Products Research*. DOI:10.1080/10286020.2020.1839432

Cassuto J, Folestad A, Göthlin J, Malchau H, Kärrholm J. (2025). VEGF-A, -C, -D, VEGFR1, -2, -3, PDGF-BB and VEGF-A join forces to induce vascular and lymphatic angiogenesis during bone healing of hip implants. *Bone Reports*, 26. doi.org/10.1016/j.bonr.2025.101856



a RJSd, Souza LPd, et al. (2011). Experimental model of traumatic øek mucosa of rats. *Acta Cirurgica Brasileira*, 26(3), 227-234.

W, Lai J, Lai K, Wang Y. (2025). Oral mucosa: anti-inflammatory anisms, and applications. *Journal of Materials Chemistry B*, 13, 1039/d4tb02845g

- Davidson J. (2023). Oral mucosal lesions: Classification, diagnosis, and management. *Journal of Oral Medicine and Surgery*, 6(4), 158.
- Dermawan IGNP, Dewi IK, Pramudani NNA. (2025). Prevalence of Patients With Traumatic Ulcer at RSGM Saraswati Denpasar in 2023. *Interdental Jurnal Kedokteran Gigi*, 21(1), 86-91. DOI: 10.46862/interdental.v21i1.11022
- Dhawas, V., Dhabarde, D., & Patil, S. (2020). Emulgel : A Comprehensive Review For Novel Topical Drug Delivery. *International Journal of Recent Scientific Research*, 11, 38134-38138.
- El Assraoui, K., Oubbaih, A., Kaoun, K. and Bellemkhannate, S. (2023). Management of Denture-Induced Hyperplasia. *European Journal of Dental and Oral Health*, 4(2), 23-26. <https://doi.org/10.24018/ejdent.2023.4.2.235>
- Firmansyah, F.F.T., & Topile, N.K. (2023). Formulasi dan uji efek analgetik emulgel minyak kayu putih (oleum melaleuca cajeputi) dengan gelling agent carbopol 940. *PAPS Journals*, 2(2), 75-84.
- Florek, K., Mendyka, D., & Gomułka, K. (2024). Vascular Endothelial Growth Factor (VEGF) and Its Role in the Cardiovascular System. *Biomedicines*, 12(5), 1055. <https://doi.org/10.3390/biomedicines12051055>
- Forssten S, Björklund M & Ouwehand A. (2010). *Streptococcus mutans*, Caries and Simulation Models. *Nutrients*, 2, 290–298.
- Gad MM, Fouda SM, Abualsaud R, et al. (2022). Strength and Surface Properties of a 3D-Printed Denture Base Polymer. *Journal of Prosthodontics*, 31, 412–418.
- Grace, S., Ramachandran, L., & Karthikeyan, J. (2022). Trauma and the Periodontal Tissues: A Narrative Review. *IntechOpen*. DOI: 10.5772/intechopen.108202
- Grażyna Żukowska, Zofia Durczyńska. (2024). Properties and Applications of Essential Oils: A Review. *Journal of Ecological Engineering*, 25(2), 333–340. <https://doi.org/10.12911/22998993/177404>
- Guo, S., & Dipietro, L. A. (2010). Critical review in oral biology & medicine: Factors affecting wound healing. *Journal of Dental Research*, 89(3), 219-229.



(2018). Tingkat kebersihan gigi tiruan pada pasien pengguna gigi akrilik di Puskesmas Kecamatan Malili Kabupaten Luwu Timur esi Selatan. *Makassar Dental Journal*, 7(2), 74-77.

Chen, M.S., Thalib, B., Ruslin, M., Tung, T.D.X., Chou, H.H., & Ou, e potential of the stem cells composite hydrogel wound dressings

for promoting wound healing and skin regeneration: In vitro and in vivo evaluation. *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, 106B(5), 1–12.

Irmawati A, Giffari FZ, Oki AS. (2018). The effect of moderate exercise on vascular endothelial growth factor expression during tooth socket wound healing after tooth extraction. *Journal of Postgraduate Medical Institute*, 32(1), 19-23.

Jainkittivong A, Aneksuk V, Langlais RP. (2010). Oral mucosal lesions in denture wearers. *Gerodontology*, 27(1), 26-32. doi:10.1111/j.1741-2358.2009.00289.x

Johnson, K.E., & Wilgus, T.A. (2014). Vascular Endothelial Growth Factor and Angiogenesis in the regulation of Cutaneous Wound Repair. *Advances in Wound Care*, 3(10), 647-661.

Kasture, A. A., Gone, V. S., & Gore, R. M. (2024). Eucalyptus emulgel: A novel formulation with analgesic properties. *World Journal of Biology Pharmacy and Health Sciences*, 19(1), 044–054. <https://doi.org/10.30574/wjbpshs.2024.19.1.0394>

Kathleen JH, Lunardhi CGJ & Subiyanto A. (2017). Kemampuan Bioaktif Glass (Novamin) dan Casein Peptide Amorphous Calcium Phosphate (CPP-ACP) terhadap Demineralisasi Enamel. *Conservative Dentistry Journal*, 7(2), 111–119.

Khan, E., Khan, A., Khalil, A., Syed, A., Qureshi, A., & Khan, S. (2021). Frequency of traumatic ulceration in tissues underneath new conventional complete dentures. *Journal of Khyber College of Dentistry*, 11(3), 25-30. 10.33279/jkcd.v11i03.129.

Kleiman, M.A. (2015). Oral and maxillofacial surgery. *Oral and Maxillofacial Surgery Clinics of North America*, 27(3).

Koray, M., & Tosun, T. (2019). Oral Mucosal Trauma and Injuries. IntechOpen. DOI: 10.5772/intechopen.81201

Kreuger, M., Ternes, C., Mello, L., Cruz, A., Leite, S., & Tames, D. (2007). The influence of the essential oil of *Melaleuca alternifolia* on the healing of infected dental alveoli: A histological study in rats. *Revista Brasileira De Farmacognosia*, 17(1). 10.1590/S0102-695X2007000300008.

Madav A. (2013). Chemical composition of the essential oil from fresh *Melaleuca leucadendron* L. from North India. *Journal of Essential Oil*, 8(1), 19-22.

What Factors can have an impact on the wound Healing Process after Oral surgery perspective? A Review. *SVOA Dentistry*. 10.58624/svoade.2024.05.0167



- Lawrence, W.T. (2002). Wound Healing Biology and Its Application to Wound Management. Dalam: O'Leary P, penyunting. The Physiologic Basis of Surgery (Edisi ke-3). Philadelphia: Lippincott Williams & Wilkins; h. 107-32.
- Leong, M., & Phillips, L.G. (2012). Wound Healing. Dalam: Sabiston Textbook of Surgery (Edisi ke-19). Amsterdam: Elsevier Saunders; h. 984-92.
- Leśków, N. (2023). Characteristics and cellular mechanism of the wound healing process in the oral mucosa. Medical Journal of Cell Biology. DOI: 10.2478/acb-2023-0001
- Limaja, Y., et al. (2023). Denture Clasp Injury of the Oral Mucosa. Gerontology & Geriatric Medicine, 9, 1–6. DOI: 10.1177/23337214231162750
- M., Franklin, C. L., & Clifford, C. B. (2012). Biology and Diseases of Rats. Dalam: J.G. Fox, et al. (Eds.), Laboratory Animal Medicine (Edisi ke-3). Elsevier.
- Machmud E, Ruslin M, Waris R, Asse RA, Qadafi AM, Achmad H. (2020). Effect of the application of Chlorella vulgaris ointment to the number of fibroblast cells as an indicator of wound healing in the soft tissue of pig ears. Pesquisa Brasileira em Odontopediatria e Clínica Integrada, 20, e5012. <https://doi.org/10.1590/pboci.2020.032>
- Mancinelli, E., & Capello, V. (2016). Anatomy and Disorders of the Oral Cavity of Rat-like and Squirrel-like Rodents. Veterinary Clinics of North America: Exotic Animal Practice, 19(3), 871–900. <http://dx.doi.org/10.1016/j.cvex.2016.04.008>
- Maria Kreuger & Ternes, Carlos & Mello, Leonardo & Cruz, Alexandre & Leite, Silvana & Tames, David. (2007). The influence of the essential oil oil Melaleuca alternifolia on the healing of infected dental alveoli: A histological study in rats. Revista Brasileira De Farmacognosia-brazilian Journal of Pharmacognosy - REV BRAS FARMACOGN. 17. 10.1590/S0102-695X2007000300008.
- Masabumi Shibuya. (2011). Vascular Endothelial Growth Factor (VEGF) and Its Receptor (VEGFR) Signaling in Angiogenesis: A Crucial Target for Anti- and Pro-Angiogenic Therapies. Genes & Cancer, 2(12), 1097-1105. DOI: 10.1177/1947601911423031
- Matulyte, I., Jekabsone, A., Jankauskaite, L., Zavistanaviciute, P., Bartkiene, E., Sakiene, M., Kopustinskiene, D. M., Santini, A., & Bernatoniene, J. (2020). Oil and Hydrolats from Myristica fragrans Seeds with Magnesium licate. Foods, 9(37), 1–12.
- Oral and maxillofacial surgery clinics of north america Volume 27, jst 2015 ISSN 1042-3699, ISBN-13: 978-0-323-39348-5



- Mohamed Isa, E.D., Ahmad, H., Abdul Rahman, M.B.Gill, M.R. (2021). Progress in Mesoporous Silica Nanoparticles as Drug Delivery Agents for Cancer Treatment. *Pharmaceutics*, 13(152). <https://doi.org/10.3390/pharmaceutics13020152>
- Mohammed, H. A., Mohammed, S. A. A., Khan, O. M., & Ali, H. M. (2022). Topical Eucalyptol Ointment Accelerates Wound Healing and Exerts Antioxidant and Anti-Inflammatory Effects in Rats' Skin Burn Model. *Journal of Oleo Science*, 71(12), 1777–1788. <https://doi.org/10.5650/jos.ess22214>
- Moharamzadeh, K. (2017). Oral mucosa tissue engineering. Dalam: *Biomaterials for Oral and Dental Tissue Engineering*. DOI: <http://dx.doi.org/10.1016/B978-0-08-100961-1.00014-1>
- Monzote L, Scherbakov AM, Scull R, Satyal P, Cos P, Shchekotikhin AE, et al. (2020). Essential Oil from *Melaleuca leucadendra*: Antimicrobial, Antikinetoplastid, Antiproliferative and Cytotoxic Assessment. *Molecules*, 25(23), 5514. doi:10.3390/molecules25235514.
- Mukherjee et al. (2022). Role of animal models in biomedical research: a review. *Laboratory Animal Research*, 38, 18. <https://doi.org/10.1186/s42826-022-00128-1>
- Nauta, A., Gurtner, G., dan Longaker, M. (2011). Wound healing and regenerative strategies. *Oral Diseases*, 17(6), 541-549. <https://doi.org/10.1111/j.1601-0825.2011.01787.x>
- Nawwar, I. (2022). Analisis Profil Minyak Atsiri Daun Kayu Putih (*Melaleuca leucadendra* L.) dan Produk di Pasaran. *Journal of Food and Pharmaceutical Sciences*, 10(3), 754-762.
- Nih, Od, Oer, et al. (2011). *Guide for the Care and Use of Laboratory Animals*. Institute for Laboratory Animal Research, Division on Earth and Life Studies.
- Otto G, Zilpilwar N, Nimonkar S, Dubey S A, et al. (2024). Addressing Flabby Ridges in Complete Denture Patients: A Case Report. *Cureus*, 16(7), e64006. DOI 10.7759/cureus.64006
- Philip, B., et al. (2009). The role of vascular endothelial growth factor in wound healing. *Journal of Surgical Research*, 153(2), 347–358. doi:10.1016/j.jss.2008.04.023.



Problems with Complete Dentures and Related Factors in Patients spital from 2007 to 2012. *The Journal of the Medical Association of* 182-S187.

- Pippi, R. (2017). Post-Surgical Clinical Monitoring of Soft Tissue Wound Healing in Periodontal and Implant Surgery. *International Journal of Medical Sciences*, 14(8), 721-728. doi: 10.7150/ijms.19727
- Polanunu, S.M. (2023). Efektivitas gel ekstrak daun kayu putih (*Melaleuca leucadendron*) terhadap aktivitas TNF- α pada lesi ulserasi mukosa mulut : studi in vivo. [Tesis]. Universitas Hasanuddin.
- Politis C, Schoenaers J, Jacobs R and Agbaje JO (2016). Wound Healing Problems in the Mouth. *Frontiers in Physiology*, 7, 507. doi: 10.3389/fphys.2016.00507
- Pries, R., Jeschke, S., Leichtle, A., & Bruchhage, K.L. (2023). Modes of Action of 1,8-Sineol in Infections and Inflammation. *Metabolites*, 13(6), 751. <https://doi.org/10.3390/metabo13060751>
- Pujiarti R, Ohtani R, Ichiura, H. (2012). Antioxidant, anti-hyaluronidase and antifungal activities of *Melaleuca leucadendron* Linn. leaf oils. *Journal of Wood Science*, 58(5), 429–436.
- Purwaningtyas KW, Wibowo MA & Warsidah. (2019). Uji Daya Hambat Fraksi Sisa Dari Destilasi Fraksionasi Minyak Atsiri Daun Ujung Atap (*Baekkea Frutescens* L.) Terhadap Bakteri *Streptococcus mutans*. *Jurnal Kimia Khatulistiwa*, 8(2).
- Radović, K., Brković, B., Roganović, J., Ilić, J., Milić Lemić, A., & Jovanović, B. (2021). Salivary VEGF and post-extraction wound healing in type 2 diabetic immediate denture wearers. *Acta Odontologica Scandinavica*. DOI: 10.1080/00016357.2021.1930149
- Retno Endah Wulandari. (2012). Efektifitas Minyak Kayu Putih dan Minyak Jeruk dalam Proses Pelunakan Gutaperca Sebagai Bahan Alternatif Pengganti Kloroform. [Skripsi]. Fakultas Kedokteran Gigi Universitas Sriwijaya.
- Rimbawanto, A., Khomsah, N., & Prastyono. (2017). Minyak Kayu Putih dari Tanaman Asli Indonesia untuk Masyarakat Indonesia. Yogyakarta: Penerbit Kaliwangi.
- S. (2011). Irrational use of Eucalyptus oil in dentistry: a case report. *Bangladesh Journal of Medical Science*, 10(2), 123-125.
- S. (2021). The In Vivo, In Vitro and In Ovo Evaluation of Quantum Vound Healing: A Review. *Polymers*, 13(2), 191. 10.3390/polym13020191
- ri, F., & Rajab, N. (2017). Preparation , Release, Rheology And oxicam Emulgel. *International Journal of Applied Pharmaceutics*,



Şimşek M & Duman R. (2017). Investigation of Effect of 1,8-sineole on Antimicrobial Activity of Chlorhexidine Gluconate. *Pharmacognosy Research*, 9(3), 234-237.

Sreevidya, V.S. (2019). An Overview on Emulgel. *International Journal of Pharmaceutical and Phytopharmacological Research*, 9(1), 92–97.

Sri Suhartini. (2021). Pengaruh pemberian ekstrak daun kayu putih (melaleuca leucadendra) terhadap respon nyeri tumbuh gigi pada bayi usia 6-9 bulan. *Prosiding Seminar Nasional Hasil Riset dan Pengabdian*, e-ISSN: 2776-5105.

Sultan AS, Rizk AM, Vila T, et al. (2019). Digital design of a universal rat intraoral device for therapeutic evaluation of a topical formulation against Candida-associated denture stomatitis. *Infection and Immunity*, 87(12). DOI: 10.1128/IAI.00617-19

Syamsuhidayat, S.S., Sugati, S., & Hutapea, J.R. (2000). *Inventaris Tanaman Obat*. Jilid I. Jakarta: Departemen Kesehatan dan Kesejahteraan Sosial RI.

Syed Hammad Azeem Rizvi, Rummana Aqeel, Afsheen Zaki, Summiya Ijaz, Sofia Syed, Nimra Nadeem. (2022). Prevalence and Distribution of Denture Induced Oral Mucosal Lesions among patients Managed In Lahore Teaching Hospital. *Pakistan Journal of Medical & Health Sciences*, 16(05), 179. <https://doi.org/10.53350/pjmhs22165179>

Tanideh N, Badie A, Habibagahi R, Koochi-Hosseiniabadi O, Haghnegahdar S, Andisheh-Tadmir A. (2020). Effect of Topical 2% Eucalyptus Extract on 5-FU-Induced Oral Mucositis in Male Golden Hamsters. *Brazilian Dental Journal*, 31(3), 310-8. doi:10.1590/0103-6440202003140.

Udeabor, S.E., Heselich, A., Al-Maawi, S., Alqahtani, A.F., Sader, R., & Ghanaati, S. (2023). Current Knowledge on the Healing of the Extraction Socket: A Narrative Review. *Bioengineering*, 10(10), 1145. <https://doi.org/10.3390/bioengineering10101145>

Utama, M.D., et al. (2020). The Mucosal Lesions on Removable Denture Wearers: A Systematic Review. *Systematic Reviews in Pharmacy*, 11(9), 10-14.

Wang X, Bove AM, Simone G and Ma B (2020). Molecular Bases of VEGFR-2-Mediated Function and Pathological Role. *Frontiers in Cell and Developmental* 281. doi: 10.3389/fcell.2020.599281



angiogenesis and wound repair: when enough is enough. *Journal of ogy*, 100(5), 979-84.

Zahra Ali Al Ibrahim. (2024). Strategies for Optimizing Post-Surgical Healing in Oral Procedures. Journal of Healthcare Sciences, 4(12).
<http://dx.doi.org/10.52533/JOHS.2024.41245>



Optimized using
trial version
www.balesio.com