

DAFTAR PUSTAKA

- Alven, S., Khwaza, V., Oyedeji, O. O., Aderibigbe, B. A., 2021. Polymer-based scaffolds loaded with Aloe vera extract for the treatment of wounds. *Pharmaceutics*. 13 (7): 961.
- Al-Shura, A. N., 2020. *Advanced Hematology in Integrated Cardiovascular Chinese Medicine*. Volume 3. Florida. Elsevier. P. 41-46.
- Andreasen, J. O., Andreasen, F. M., Andersson, L., 2018. *Textbook and Color Atlas of Traumatic Injuries to the Teeth*. A Blackwell Publishing Company. Denmark.
- Azmat, C. E. dan Council, M., 2022. Wound closure techniques. *Statpearls Publishing*. <https://www.ncbi.nlm.nih.gov/books/NBK470598/>.
- Baron, J. M., Glatz, M., Proksch, E., 2020. Optimal support of wound healing: new insight. *Dermatology*. 236:593-600.
- Basu, P., Nerendrakumar, U., Arunachalam, R., Devi, S., Manjubala, I., 2018. Characterization and evaluation of carboxyl cellulose-based films for healing of full-thickness wounds in normal and diabetic rats. *ACS Omega*. 3(10):12622-12632.
- Chen, X., Yuk, H., Wu, J., Nabzdyk, C. S., Zhao, X., 2020. Instant tough bioadhesive with triggerable benign detachment. *Proceedings of the National Academy Sciences of the United States of America*. 117(27):15497-15503.
- Cochetti, G., Abraha, I., Randolph, j., Montedori, A., Boni, A., Arezzo, A., *et al.*, 2020. Surgical wound closure by staples or sutures?. *Medicine (Baltimore)*. 99 (25): 1-11.
- Dey, A., Bhattacharya, P., Neogi, S., 2020. Bioadhesive in biomedical applications: a critical review. *Reviews of Adhesion and Adhesives*. 8(2):130-152.
- Dewi, P. S. dan Setiawan, 2021. Efektifitas gel ekstrak daun binahong terhadap jumlah makrofag pada penyembuhan luka insisi mencit yang diinduksi aloksan. *B-Dent: Jurnal Kedokteran Gigi Universitas Baiturrahmah*. 8(3):235-241.
- Dhivya, S., Padma, V. V., Santhini, E., 2015. Wound dressing – a review. *Biomedicine*. 5(4): 24-28.
- Ferraz, C. R., Carvalho, T. T., Manchope, M. F., Artero, N. A., Rasquel-Oliveira, F. S., Fattori, V., Casagrande, R., Verri, W. A., 2020. Therapeutic potential

of flavonoids in pain and inflammation: mechanisms of action, pre-clinical and clinical data, and pharmaceutical development. *Molecules*. 25(3): 762.

- Ghomi, E. R., Khalili, S., Khorasani, S. N., Neisiany, R. S., Ramakrishna, S., 2019. Wound dressings: current advances and future directions. *Journal of Applied Polymer Science*. 136 (27): 47738.
- Guyton, A. C. dan Hall, J. E., 2008. *Buku Ajar Fisiologi Kedokteran*. Edisi 22. EGC. Jakarta.
- Harti, A. S., Murhayati, A., Sulisetyawati, D., Oktariani, M., 2018. The effectiveness of snail mucus (*Achatina fulica*) and chitosan toward limfosit proliferation in vitro. *Asian J. Pharm. Clin. Res.* 11(3): 85-88.
- Hemaktpou, D., Mehrabi, F., Rahzani, K., Aminiyan, A., 2019. The effect of *Aloe vera* clinical trials on prevention and healing of skin wound: a systematic review. *Iran J. Med. Sci.* 44(1): 1-9.
- Hervina, Syahriel, D., Prawira, I. G. N. G. S., 2021. Infiltrasi neutrofil pada penyembuhan luka insisi gingiva tikus wistar setelah pemberian vitamin D. *DOAJ*. 5(2):39-45.
- Izzaty, A., Dewi, N., Pratiwi, D. I. N., 2014. Extract haruan (*Channa striata*) decrease lymphocyte count in inflammatory phase of wound healing process effectively. *Dentofasial*. 13(3): 176-181.
- Janurianti, N. M. D., Utama, I. M. S., Gunam, I. B. W., 2021. Antibacterial activity of aloe vera gel-based edible coating with the addition of gum arabic and ascorbic acid. *AJARCDE*. 5(1): 1-4.
- Kartiwa, R. A., Sovani, I., Enus, S., Boediono, A., Miraprahesti, R.N., 2016. Albumin telur sebagai lem pada operasi cangkok konjungtiva. *Majalah Kedokteran Bandung*. 48(4):241-248.
- Koga, A. Y., Pereira, A. V., Lipinski, L. C., Oliveira, M. R. P., 2018. Evaluation of wound healing effect of alginate films containing *Aloe vera* (*Aloe barbadensis miller*) gel. *Journal of Biomaterials Applications*. 32(9):1212-1221.
- Koga, A. Y., Felix, J. C., Silvestre, R. G. M., Lipinski, L. C., Carletto, B., Kawahara, F. A., *et al.*, 2020. Evaluation of wound healing effect of alginate film containing *Aloe vera* gel and cross-linked with zinc chloride. *Acta Cir. Bras.* 35(5): 1-11.

- Kulla, A. Y. dan Chrisandy, G., 2018. Albumin dari Putih Telur Ayam dengan Proses Dialisis dan Pengeringan. *Skripsi*. Institut Teknologi Sepuluh November. Surabaya. (Tidak dipublikasikan).
- Lee, J., Kim, E. H., Shin, D., Roh, J., 2017. Accelerated oral wound healing using a pre-vascularized mucosal cell sheet. *Scientific Reports*. 7(1):1-10.
- Liu, C., Cui, Y., Pi, F., Cheng, Y., Guo, Y., Qian, H., 2019. Extraction, purification, structural characteristics, biological activities and pharmacological applications of acemannan, a polysaccharide from *aloe vera*: a review. *Molecules*. 24(8): 1554.
- Mahdavi, S., Amirsadeghi, A., Jafari, A., Niknezhad, S. V., Bencherif, S. A., 2021. Avian egg: a multifaceted biomaterial for tissue engineering. *ACS Publications*. 60(48):17348-17364.
- Marhaeni, L. S., 2020. Potensi lidah buaya (*Aloe vera linn*) sebagai obat dan sumber pangan. *AGRISIA: Jurnal Ilmu-Ilmu Pertanian*. 13(1): 32–39.
- Melliawati, R., 2018. Potensi tanaman lidah buaya (*aloe pubescens*) dan keunikan kapang endofit yang berasal dari jaringannya. *Bio Trends*. 9(1): 1-6.
- Muharraran, F., Rusip, G., Dalimunthe, R. P., 2022. Potential of hydrogel acemannan aloe vera (*Aloe vera*) on wound healing after tooth extraction in vivo via regulation of inflammatory response. *Bioscientia Medicina: Journal of Biomedicine and Translational Research*. 6(6): 1908-1913.
- Munire, K. O. K., Regan, J-P., 2021. Wound healing. *StatPearls [internet] Publishing*.
- Mustika, D. G., Kerdena, I. M., Pemayun, I. G. A. P., 2015. Effectiveness of wound plaster for covering post-surgery incision wound. *Buletin Veteriner Udayana*. 7(2): 137-145.
- Mustofa, M., Kurniawaty, E., Prabowo, A. Y., Carolia, N., 2021. Perbedaan penyembuhan hecting wound tikus putih jantan sprague dawley dengan wharton's jelly. *Jurnal Ilmiah Kesehatan Sandi Husada*. 10(2): 676-682.
- Naini, M. A., Samadnejad, A. Z., Mehrvarz, S., Tanideh, R., Ghorbani, M., Dehghanian, A., *et al.*, 2021. Anti-inflammatory, antioxidant, and healing-promoting effects of aloe vera extract in the experimental colitis in rats. *Evid Based Complement Alternat Med*. [serial on line]. Available at: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8668319/>. Diakses 07 November 2022.

- Nasution, M. F. W. dan Yenita, 2020. Effectivity test of honey with povidone iodine on the healing of cutting wounds in mice (*Mus musculus*). *JIMKI*. 8(3): 47-53.
- Nurhidayah, K., Purnomo, H., Ma'ruf, M. T., 2019. Pengaruh konsentrasi gel ekstrak daun cengkeh terhadap jumlah sel makrofag pada luka insisi gingiva marmut (*Cavia cobaya*), Proceeding Bali Dental Science and Exhibition 2019. September 2019. Bali. Hal. 421-427.
- Oladega, A. A., James, O., Adeyemo, W. L., 2018. Cyanoacrylate tissue adhesive or silk suture for closure of surgical wound following removal of an impacted mandibular third molar: a randomized controlled study. *Journal of Cranio-Maxillofacial Surgery*. 47(1): 1-20.
- Orakpoghenor, O., Avazi, D. O., Markus, T. P., Olaolu, O. S., 2019. Lymphocytes: a brief review. *Scientific Journal of immunology and Immunotherapy*. 3(1): 5-8.
- Perera, A. G. N., Tavarez, M. M., 2022. 2-octyl cyanoacrylate. *StatPearls publishing*. [serial on line]. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK532293/>. Diakses 13 Oktober 2022.
- Politis, C., Schoenaers, J., Jacobs, R., Agbaje, J. O., 2016. Wound healing problems in the mouth. *Frontiers in Physiology*. 7: 507.
- Poernomo, H., 2017. Tata laksana flap pada rongga mulut. *Interdental: Jurnal Kedokteran Gigi*. 13(2):24-27.
- Poernomo, H., dan Ma'ruf, M. T., 2020. Pengaruh gel ekstrak bawang putih (*Allium sativum l.*) terhadap jumlah makrofag pada penyembuhan luka insisi gingiva marmut (*Cavia porcellus*). *Interdent jkg*. 16(2): 34-39.
- Prakoso, Y. A. dan Kurniasih, 2018. The effect of aloe vera cream on the expression of CD4+ and CD8+ lymphocytes in skin wound healing. *J. Trop. Med*. 1-5.
- Pratiwi, Hadisaputro, S., Sudirman, Ta'adi, Sunarjo, L., 2021. The effectiveness of hydrogel from snakehead fish extract (*Chana striata*) on wound healing of grade II ulcer in type II diabetes mellitus patients. *IJNHS*. 4(2): 215-222.
- Primadina, N., Basori, A., Perdanakusuma, D. S., 2019. Proses penyembuhan luka ditinjau dari aspek mekanisme seluler dan molekuler. *Qanun Medika*. 3(1):31-43.

- Primasari, M., 2019. Efek terapi gel lidah buaya (*Aloe vera*) dalam penyembuhan luka. *Medicinus*. 32(3): 46-51.
- Putri, M. E. A., Prihastuti, C. C., Rochmawati, M., Rosyada, A. G., A'ziza, W. A., 2023. *Aloe vera* extract wound healing sheet and free-range chicken egg albumin (*Gallus domesticus*) accelerate angiogenesis on gingival incision wound in rats. *Padjajaran Journal of Dentistry*. 35(1): 16-22.
- Riyani, N. J., Pasaribu, R., Mardiyantoro, F., 2021. Evaluasi jumlah limfosit pasca aplikasi lendir bekicot (*achana fulica*) pada soket tikus wistar (*rattus norvegicus*). *Sinnun Maxillofacial Journal*. 3(1): 42-49.
- Rosyada, A. G., A'ziza, W. A., Putri, M. E. A., Rochmawati, M., 2022. Wound healing sheet with aloe vera extract and free-range chicken egg albumin (*gallus domesticus*) for healing of gingival incisions. *Padjajaran Journal of Dental Researchers and students*. 6(2): 165-174.
- Ruauw, E. F., Wantania, F. E., Leman, M. A., 2016. Pengaruh lidah buaya (*aloe vera*) terhadap waktu penutupan luka sayat pada mukosa rongga mulut tikus wistar. *Jurnal Ilmiah Farmasi-UNSRAT*. 5(2):22-28.
- Sanchez, M., Gonzales-Burgos, E., Iglesias, I., Gomez-Serranillos, M. P., 2020. Pharmacological update of aloe vera and its major active constituents. *Molecules*. 25(6): 1324.
- Sari, H. I., 2018. Pengaruh Pemberian Chitosan Topikal terhadap Jumlah Limfosit dalam Penyembuhan Luka Pasca Insisi Gingiva pada *Rattus norvegicus*. *skripsi*. Fakultas Kedokteran Gigi Universitas Brawijaya. Malang. (Tidak dipublikasikan).
- Sierra-Garcia, G. D., Castri-Rios, R., Gonzales-Horta, A., Chavez-Montes, A., 2014. Acemannan, an extracted polysaccharide from aloe vera: a literature review. *NPC*. 9(8): 1217-1221.
- Subramanya, G., Mahalakshmi, A., Swetha, K., 2019. A prospective comparison of octyl-2-cyanoacrylate and suture in standardized facial incisions. *IJCMR*. 6(8):12-18.
- Sudira, I. W., Dada, I. K. A., Gustara, I. W. M. A., 2019. Comparison of wound healing levels on rabbit skin sutured with absorbable (catgut) and nonabsorbable (silk) surgical thread. *Jurnal Veteriner*. 20(3):378-383.
- Suryati, Meriatna, Sulhatun, Sari, P., 2021. Chitosan-alginat-aloe vera biomembran for wound dressing applications. *IEOM Society International*.

- Tajima, Y., Takagi, R., Nakajima, T., Kominato, Y., 2008. An infant with asymptomatic hepatic granuloma probably caused by bacillus Calmette-Guerin (BCG) vaccination found incidentally at autopsy: a case report. *Cases Journal*. 1(337): 1-5.
- Thiruvoth, F. M., Mohapatra, D. P., Kumar, D., Chittoria, S. R. K., Nandhagoval, V., 2015. Current concepts in the physiology of adult wound healing. *Plastic and Aesthetic Research*. 2: 250.
- Toma, A. I., Fuller, J. M., Willet, N. J., Goudy, S. L., 2021. Oral wound healing models and emerging regenerative therapies. *Translational Research The Journal of laboratory and Clinical Medicine*. 236: 17-34.
- Utariani, A., Rahardjo, E., Perdanakusuma, D. E., 2020. Effects of albumin infusion on serum levels of albumin, proinflammatory cytokines (tnf- α , il-1, and il-6), crp, and mmp-8; tissue expression of egrf, erk1, erk2, tgf- β , collagen, and mmp-8; and wound healing in sprague dawley rats. *Hindawi International Journal of Inflammation*. 2020: 1-13.
- Wallace, H. A. Basehore, B. M., Zito, P. M., 2021. Wound healing phases. *StatPearls Publishing*.
- Wang, F., 2019. Research progress of buccal mucosal bioadhesive materials. *IOP Conference Series: Earth and Environmental Science*. 332(3).
- Xu, K., Liu, Y., Bu, S., Wu, T., Chang, Q., Singh, G., *et al.*, 2017. Egg albumen as a fast and strong medical adhesive glue. *Advanced Science News*. DOI: 10.1002/adhm.201700132.
- Zeng, W. M., Parus, A., Barnes, C. W., Hiro, M. E., Robson, M. C., Payne, W. G., 2020. Aloe vera—mechanisms of action, uses, and potential uses in plastic surgery and wound healing. *Surgical Science*. 11(10): 312-328.