



## DAFTAR PUSTAKA

- Al-Hajj, N. Q. M., Sharif, H. R., Aboshora, W., & Wang, H. (2016). In vitro and in vivo evaluation of antidiabetic activity of leaf essential oil of *Pulicaria inuloides*-Asteraceae. *Journal of Food and Nutrition Research*, 4(7), 461-470.
- Andarina, R., & Djauhari, T. (2017). Antioksidan dalam dermatologi. *Jurnal Kedokteran dan Kesehatan: Publikasi Ilmiah Fakultas Kedokteran Universitas Sriwijaya*, 4(1), 39-48.
- Anggraeni, D. (2018). *Luka pada hewan dan penangannya*. Yogyakarta: Fakultas Kedokteran Hewan UGM.
- Arief, H., & Widodo, M. A. (2018). Peranan stres oksidatif pada proses penyembuhan luka. *Jurnal Ilmiah Kedokteran Wijaya Kusuma*, 5(2), 22-28.
- Bhattacharyya, A., Chattopadhyay, R., Mitra, S., & Crowe, S.E. (2014). Oxidative stress: An essential factor in the pathogenesis of gastrointestinal mucosal diseases. *Physiological Reviews*, 94(2), 329–354.
- Bishop, A., Witts, S., & Martin, T. (2018). The role of nutrition in successful wound healing. *J Community Nurs*, 32(4), 44-50.
- Cañedo-Dorantes, L., & Cañedo-Ayala, M. (2019). Skin acute wound healing: a comprehensive review. *International journal of inflammation*, 1(1): 1-15.
- Colville, T. P., & Bassett, J. M. (2016). *Clinical anatomy and physiology for veterinary technicians*. Missouri: Elsevier.
- Diller, R. B., & Tabor, A. J. (2022). The role of the extracellular matrix (ECM) in wound healing: A review. *Biomimetics*, 7(3), 87.
- Eroschenko, V. P. (2017) *Atlas Of Histology with Functional Correlations Thirteenth Edition*. Philadelphia: Wolters Kluwer.
- Fadillah, S., Aji, D., & Anggraeni, D. (2023). Pemanfaatan Ekstrak Daun Kelor (*Moringa oleifera* lamk) untuk Penyembuhan Luka Tikus Ovariektomi yang Diberi Diet Tinggi Lemak. *Jurnal Sain Veteriner*, 41(1), 63-69.
- Firdaus, N. Z., Alda, A. A., & Gunawan, I. S. (2020). Potensi kandungan biji anggur dalam mempercepat penyembuhan luka. *Jurnal Penelitian Perawat Profesional*, 2(2), 139-146.
- Gamna, F., & Spriano, S. (2021). Vitamin E: a review of its application and methods of detection when combined with implant biomaterials. *Materials*, 14(13), 3691.



- Haerani, A., Chaerunisa, A. Y., & Subarnas, A. (2018). Antioksidan untuk kulit: Review. *Farmaka*, 18(2), 135-151.
- Hall, J. E. (2016). *Guyton and Hall Textbook of Medical Physiology 13th Edition*. Philadelphia: Elsevier.
- Hobson, R. (2016). Vitamin E and wound healing: an evidence-based review. *International wound journal*, 13(3), 331-335.
- Hu, H., Tang, Y., Pang, L., Lin, C., Huang, W., Wang, D., & Jia, W. (2018). Angiogenesis and full-thickness wound healing efficiency of a copper-doped borate bioactive glass/poly (lactic-co-glycolic acid) dressing loaded with vitamin E in vivo and in vitro. *ACS applied materials & interfaces*, 10(27), 22939-22950.
- Inggriyani, C. G. dan Hidayaturrahmi (2022). Histofisiologi Resptor Sensoris Kulit. *Jurnal Sinaps*, 5(3), 10-17.
- Khalaf, A. A., Hassanen, E. I., Zaki, A. R., Tohamy, A. F., & Ibrahim, M. A. (2019). Histopathological, immunohistochemical, and molecular studies for determination of wound age and vitality in rats. *International Wound Journal*, 16(6), 1416-1425.
- Koh, T. J., & DiPietro, L. A. (2011). Inflammation and wound healing: the role of the macrophage. *Expert reviews in molecular medicine*, 13, e23.
- Komariah, K., Priscilla, C., Wahyudi, R., Trisfilha, P., & Nugroho, D. (2023). Penurunan Produksi Reactive Oxygen Species (ROS) Fibroblas dengan Nano Kitosan Kumbang Tanduk (*Xylotrupes gideon*). *Jurnal Pharmascience*, 10(1), 165-174.
- Kurniawan, M. F., Utami, S. B., Fulyani, F., Kresnoadi, E., & Wicaksono, S. A. (2021). Melatonin prevented the elevation of leukocyte count and the decreased of hematocrit levels in burn-induced Wistar Rats. *Bali Medical Journal*, 10(2), 668-672.
- Kusumastuti, E., Handajani, J., Susilowati, H., & Kedokteran, F. (2014). Ekspresi COX-2 dan jumlah neutrofil fase inflamasi pada proses penyembuhan luka setelah pemberian sistemik ekstrak etanolik rosela (*Hibiscus sabdariffa*) (studi in vivo pada tikus wistar). *Maj Ked Gi J Indo*, 21(1), 13-9.
- Landén, N. X., Li, D., & Ståhle, M. (2016). Transition from inflammation to proliferation: a critical step during wound healing. *Cellular and Molecular Life Sciences*, 73, 3861-3885.
- Lee, G. Y., & Han, S. N. (2018). The role of vitamin E in immunity. *Nutrients*, 10(11), 1614.



- Lestari, M. P., & Kusumaningrum, N. S. D. (2021). Gizi Untuk Proses Penyembuhan Luka Pada Pasien Dengan Diabetic Foot Ulcer (DFU): Literature Review. *Journal of Nutrition College*, 10(1), 39-46.
- Lindhardt, T. B., Gutiérrez-Jiménez, E., Liang, Z., & Hansen, B. (2022). Male and female C57BL/6 mice respond differently to awake magnetic resonance imaging habituation. *Frontiers in Neuroscience*, 16, 853527.
- Maharani, A. I., Riskierdi, F., Febriani, I., Kurnia, K. A., Rahman, N. A., Ilahi, N. F., & Farma, S. A. (2021). Peran Antioksidan Alami Berbahan Dasar Pangan Lokal dalam Mencegah Efek Radikal Bebas. In *Prosiding Seminar Nasional Biologi*, Vol. 1(2), 390-399).
- Mahyudin, F., Edward, M., Basuki, M. H., Basrewan, Y., & Rahman, A. (2020). Modern and classic wound dressing comparison in wound healing, comfort and cost. *Jurnal Ners*, 15(1), 31-36.
- Martha, S. A., Karwur, F. F., & Rondonuwu, F. S. (2013). Mekanisme kerja dan fungsi Hayati Vitamin E pada Tumbuhan dan Mamalia. In *Proceeding Biology Education Conference: Biology, Science, Environmental, and Learning* (Vol. 10, No. 1).
- McCulloch, J. M., & Kloth, L. C. (2010). *Wound healing: Evidence-based management*. Philadelphia: FA Davis Company.
- Michałak, M., Pierzak, M., Kręcisz, B., & Suliga, E. (2021). Bioactive compounds for skin health: A review. *Nutrients*, 13(1), 203.
- Modlinska, K., & Pisula, W. (2020). The Norway rat, from an obnoxious pest to a laboratory pet. *Elife*, 9, e50651.
- Orecchioni, M., Ghosheh, Y., Pramod, A. B., & Ley, K. (2019). Macrophage polarization: different gene signatures in M1 (LPS+) vs. classically and M2 (LPS-) vs. alternatively activated macrophages. *Frontiers in immunology*, 10, 1084.
- Palgunadi, B. U., Rahayu, A., & Prakoso, Y. A. (2021). Efficacy of Aloe vera Gel on the Excision Wound Healing in Sprague dawley Rats. Medicra (*Journal of Medical Laboratory Science/Technology*), 4(1), 46-49.
- Periyah, M. H., Halim, A. S., & Saad, A. Z. M. (2017). Mechanism action of platelets and crucial blood coagulation pathways in hemostasis. *International journal of hematology-oncology and stem cell research*, 11(4), 319.
- Pisoschi, A.M., & Pop, A. (2015). The role of antioxidants in the chemistry of oxidative stress: A review. *European Journal of Medicinal Chemistry*, 97:55–74.



- Primadina, N., Basori, A., & Perdanakusuma, D. S. (2019). Proses penyembuhan luka ditinjau dari aspek mekanisme seluler dan molekuler. *Qanun Medika: Jurnal Kedokteran Fakultas Kedokteran Universitas Muhammadiyah Surabaya*, 3(1), 31-43.
- Purnama, H., Sriwidodo, R. S., & Ratnawulan, S. (2017). Review sistematik: proses penyembuhan dan perawatan luka. *Farmaka*, 15(2), 251-256.
- Rasyid, R. S. P., & Liberty, I. A. (2020). Gambaran Histologi Ketebalan Jaringan Granulasi Pada Tikus Wistar Jantan dengan Luka Bakar Setelah Pemberian Ekstrak Kayu Manis (*Cinnamomum burmanii*). *Jurnal Kedokteran dan Kesehatan: Publikasi Ilmiah Fakultas Kedokteran Universitas Sriwijaya*, 7(1), 9-15.
- Rausch, M. K., Parekh, S. H., Dortdivanlioglu, B., & Rosales, A. M. (2021). Synthetic hydrogels as blood clot mimicking wound healing materials. *Progress in Biomedical Engineering*, 3(4), 042006.
- Robinson, J. K., Hanke, C. W., Siegel, D. M., Fratila, A., Bhatia, A. C., & Rohrer, T. E. (2010). *Second edition of Surgery of the Skin: Procedural Dermatology*. London: Mosby Elsevier.
- Rodrigues, M., Kosaric, N., Bonham, C. A., & Gurtner, G. C. (2019). Wound healing: a cellular perspective. *Physiological reviews*, 99(1), 665-706.
- Ross, M. H. & Pawlina, W. (2011). *Histology: A Text and Atlas with Correlated Cell and Molecular Biology sixth edition*. Philadelphia: Wolters Kluwer.
- Rusiani, E., Junaidi, S., Subiyono, H. S., & Sumartiningsih, S. (2019). Suplementasi vitamin C dan E untuk menurunkan stres oksidatif setelah melakukan aktivitas fisik maksimal. *Media Ilmu Keolahragaan Indonesia*, 9(2), 32-37.
- Rustam, F., Aslam, N., De La Torre Díez, I., Khan, Y. D., Mazón, J. L. V., Rodríguez, C. L., & Ashraf, I. (2022). White Blood Cell Classification Using Texture and RGB Features of Oversampled Microscopic Images. *Healthcare*, Vol. 10(11) 2230.
- Sachdeva, M., Karan, M., Singh, T., & Dhingra, S. (2014). Oxidants and antioxidants in complementary and alternative medicine: A review. *Spatula DD*, 4(1), 1-16.
- Salasia, S. I. O., & Hariono, B. (2016). *Patologi klinik veteriner: Kasus patologi klinis edisi kedua*. Yogyakarta: Samudra Biru.
- Sanjaya, G. R. W., Linawati, N. M., Arijana, I. G. K. N., Wahyuniari, I. A. I., & Wiryanan, I. G. N. S. (2023). Flavonoid dalam Penyembuhan Luka



Bakar pada Kulit: Flavonoids in Healing Burns on the Skin. *Jurnal Sains dan Kesehatan*, 5(2): 243-249.

- Schilrreff, P., & Alexiev, U. (2022). Chronic inflammation in non-healing skin wounds and promising natural bioactive compounds treatment. *International journal of molecular sciences*, 23(9), 4928.
- Shahidi, F., Pinaffi-Langley, A. C. C., Fuentes, J., Speisky, H., & de Camargo, A. C. (2021). Vitamin E as an essential micronutrient for human health: Common, novel, and unexplored dietary sources. *Free Radical Biology and Medicine*, 176, 312-321.
- Siregar, I. D. A. (2016). Pengaruh Pemberian Vitamin E Terhadap Kadar Hemoglobin Pada Aktivitas Fisik Submaksimal. *Jurnal Kesehatan dan Olahraga*, 1(1).
- Siswandi, A., Wulandari, M., Erianto, M., & Noviska, A. M. (2020). Hubungan Status Gizi dengan Proses Penyembuhan Luka pada Pasien Post Apendektomi. *ARTERI: Jurnal Ilmu Kesehatan*, 1(3), 226-232.
- Suckow, M. A., Weisbroth, S. H., & Franklin, C. L. (2006). *The laboratory rat 2nd edition*. London: Elsevier.
- Thompson, M. A., Zuniga, K., Sousse, L., Christy, R., & Gurney, C. J. (2022). The Role of Vitamin E in Thermal Burn Injuries, Infection, and Sepsis: A Review. *Journal of Burn Care & Research*, 43(6), 1260-1270.
- Traber, M. (2021). *Vitamin E. Advances in Nutrition*, 12(3): 1047-1048.
- Waugh, A., & Grant, A. (2010). *Ross and Wilson: Anatomy and physiology in health and illness eleventh edition*. London: Elsevier.
- Wilkinson, H. N., & Hardman, M. J. (2020). Wound healing: Cellular mechanisms and pathological outcomes. *Open biology*, 10(9), 200223.
- Wintoko, R., & Yadika, A. D. N. (2020). Manajemen terkini perawatan luka. *Jurnal Kedokteran Universitas Lampung*, 4(2), 183-189.
- Yudhika, I., Jailani, M. & Dasrul (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*, 1(2), 21-28.