

DAFTAR PUSTAKA

- Alper, B., Erdogan, B., Erdogan, M. Ö., Bozan, K., & Can, M. (2016). Associations of Trauma Severity with Mean Platelet Volume and Levels of Systemic Inflammatory Markers (IL1 β , IL6, TNF α , and CRP). *Mediators of Inflammation*, 2016, 9894716. <https://doi.org/10.1155/2016/9894716>
- Ambrosch, A., Halevy, D., Fwity, B., Brin, T., & Lobmann, R. (2014). Effect of daptomycin on local interleukin-6, matrix metalloproteinase-9, and metalloproteinase inhibitor 1 in patients with mrsa-infected diabetic foot. *The International Journal of Lower Extremity Wounds*, 13(1), 12-16. <https://doi.org/10.1177/1534734614523126>
- Baldwin, K., Babatunde, O., Huffman, G., & Hosalkar, H. (2009). Open fractures of the tibia in the pediatric population: A systematic review. *Journal of children's orthopaedics*, 3, 199–208. <https://doi.org/10.1007/s11832-009-0169-6>
- Depkes RI. (2013). Riset Kesehatan Dasar. *Badan Penelitian dan Pengembangan Kesehatan Kementerian RI*.
- Douraiswami, B., Dilip, P., Harish, B., & Menon, J. (2012). C-Reactive Protein and Interleukin-6 Levels in the Early Detection of Infection after Open Fractures. *Journal of orthopaedic surgery (Hong Kong)*, 20, 381–385. <https://doi.org/10.1177/230949901202000325>
- Egol, K. A., Koval, K. J., & Zuckerman, J. D. (2020). Open Fractures. In B. Brown (Ed.), *Handbook of Fractures* (6 ed., hal. 68–76). Wolters Kluwer.
- Gueorguiev, B., Moriarty, F. T., Stoddart, M., Acklin, Y. P., Richards, R. G., & Whitehouse, M. (2018). Principles of fractures. In A. W. Blom, D. Warwick, & M. R. Whitehouse (Ed.), *Apley and Solomon's System of Orthopaedics and Trauma* (10 ed., hal. 711). CRC Press LLC.
- Guerra, M., Gregio, F., Bernardi, A., & Castro, C. (2017). Infection rate in adult patients with open fractures treated at the emergency hospital and at the ulbra university hospital in canoas, rio grande do sul, brazil. *Revista Brasileira De Ortopedia (English Edition)*, 52(5), 544-548.

<https://doi.org/10.1016/j.rboe.2017.08.012>

- Guyton AC, & Hall JE. (2006). *Textbook of Medical Physiology*. (XII). Elsevier Saunders.
- Hajong, R., Newme, K., Nath, C., Moirangthem, T., Dhal, M. R., & Pala, S. (2021). Role of serum c-reactive protein and interleukin-6 as a predictor of intra-abdominal and surgical site infections after elective abdominal surgery. *Journal of Family Medicine and Primary Care*, 10(1), 403-406. https://doi.org/10.4103/jfmpe.jfmpe_1191_20
- Johnson, B. Z., Stevenson, A. W., Prêle, C. M., Fear, M. W., & Wood, F. M. (2020). The Role of IL-6 in Skin Fibrosis and Cutaneous Wound Healing. *Biomedicines*, 8(5). <https://doi.org/10.3390/biomedicines8050101>
- Kemkes RI. (2018). Laporan Riskesdas 2018 Kementrian Kesehatan Republik Indonesia. In *Laporan Nasional Riskesdas 2018* (Vol. 53, Nomor 9, hal. 154–165). [http://www.yankes.kemkes.go.id/assets/downloads/PMK No. 57 Tahun 2013 tentang PTRM.pdf](http://www.yankes.kemkes.go.id/assets/downloads/PMK%20No.%2057%20Tahun%202013%20tentang%20PTRM.pdf)
- Kim, P. H., & Leopold, S. S. (2012). Gustilo-Anderson classification. *Clinical Orthopaedics and Related Research*, 470(11), 3270–3274. <https://doi.org/10.1007/s11999-012-2376-6>
- Konbaz, F., Alassiri, S. S., Eissa, S. I. A., Taha, W., Helal, F. H. A., & Jehani, R. M. A. (2019). Does delay in surgical debridement increase the risk of infection in open tibia fractures in saudi patients? a retrospective cohort study. *Journal of Clinical Orthopaedics and Trauma*, 10(2), 305-309. <https://doi.org/10.1016/j.jcot.2018.02.012>
- Liu, C., Xu, Y., Lu, Y., Du, P., Li, X., Wang, C., Guo, P., Diao, L., & Lu, G. (2022). Mesenchymal stromal cells pretreated with proinflammatory cytokines enhance skin wound healing via IL-6-dependent M2 polarization. *Stem Cell Research & Therapy*, 13(1), 414. <https://doi.org/10.1186/s13287-022-02934-9>
- Loh, B., Lim, J. A., Seah, M., & Khan, W. (2022). Perioperative management of open fractures in the lower limb. *Journal of Perioperative Practice*, 32(5), 100–107. <https://doi.org/10.1177/17504589211012150>
- Lua, J., Tan, V. H., Sivasubramanian, H., & Kwek, E. (2017). Complications of

- Open Tibial Fracture Management: Risk Factors and Treatment. *Malaysian Orthopaedic Journal*, 11(1), 18–22. <https://doi.org/10.5704/MOJ.1703.006>
- Mwafulirwa, K., Munthali, R., Ghosten, I., & Schade, A. (2022). Epidemiology of open tibia fractures presenting to a tertiary referral centre in southern malawi: a retrospective study. *Malawi Medical Journal*, 34(2), 118-122. <https://doi.org/10.4314/mmj.v34i2.7>
- Nicolaides, M., Pafitanis, G., & Vris, A. (2021). Open tibial fractures: An overview. *Journal of Clinical Orthopaedics and Trauma*, 20, 101483. <https://doi.org/10.1016/j.jcot.2021.101483>
- Nishikai-Yan Shen, T., Kanazawa, S., Kado, M., Okada, K., Luo, L., Hayashi, A., Mizuno, H., & Tanaka, R. (2017). Interleukin-6 stimulates Akt and p38 MAPK phosphorylation and fibroblast migration in non-diabetic but not diabetic mice. *PloS One*, 12(5), e0178232. <https://doi.org/10.1371/journal.pone.0178232>
- Pan, S., Wu, Y., Lin, Y., Lin, S., & Cheng, C. (2022). Paper-based interleukin-6 test strip for early detection of wound infection. *Biomedicines*, 10(7), 1585. <https://doi.org/10.3390/biomedicines10071585>
- Ramesh, M., John, L., & Jothi, A. (2020). Profile of suction tip and drain fluid culture and wound infections in orthopedic surgeries. *International Journal of Orthopaedics Sciences*, 6(3), 283-286. <https://doi.org/10.22271/ortho.2020.v6.i3e.2212>
- Sop, J. L., & Sop, A. (2022). *Open Fracture Management*.
- Torchia, M., & Taylor, B. C. (2021). *Gustilo Classification*. Orthobullets2. <https://www.orthobullets.com/trauma/1003/gustilo-classification>
- WHO. (2022). *Road traffic injuries*. World Health Organization. <https://www.who.int/news-room/fact-sheets/detail/road-traffic-injuries>
- Wijaya, A. S., & Putra, Y. M. (2013). *KMB 2 Keperawatan Medikal Bedah Keperawatan Dewasa Teori dan Contoh Askep*. Nuha Medika.
- Williams, L., & Wilkins. (2010). Fracture. In H. Surrena (Ed.), *Handbook for Brunner & Suddarth's textbook of medical-surgical nursing* (12 ed., hal. 302). Wolters Kluwer Health.

Zimmermann, C., Troeltzsch, D., Giménez-Rivera, V. A., Galli, S. J., Metz, M., Maurer, M., & Siebenhaar, F. (2019). Mast cells are critical for controlling the bacterial burden and the healing of infected wounds. *Proceedings of the National Academy of Sciences*, 116(41), 20500-20504. <https://doi.org/10.1073/pnas.1908816116>