

- Abdullahi A., Amini-nik S, Jeschke M.G. 2014. Animal Models in Burn Research. *Cell Mol Life Sci.* 21 (17): 3241-3255
- Australia and New Zealand Burn Association (ANZBA). 2016. *Emergency Management of Severe Burns (EMSB) 18th Edition*. Albany Creek
- Barrientos S, Brem H, Stojadinovic O, Tomic-Canic M. 2014. Clinical application of growth factors and cytokines in wound healing. *Wound Repair Regen.* ;22(5):569-78. doi: 10.1111/wrr.12205. PMID: 24942811; PMCID: PMC4812574.
- Breuing, C Andree, G Helo, J Slama, P Y Liu, E Eriksson. 1997. Growth Factors in the Repair of Partial Thickness Porcine Skin Wounds. *Plast Reconstruction Surgery Journal.* 100(3):657
- Chen WY, Rogers AA, Lydon MJ. 1992. Characterization of biologic properties of wound fluid collected during early stages of wound healing. *J Invest Dermatol.* 99(5):559-64.
- Ching, Y. H., Sutton, T. L., Pierpont, Y. N., Robson, M. C., & Payne, W. G. 2011. The use of growth factors and other humoral agents to accelerate and enhance burn wound healing. *Eplasty*, 11. 41.
- Dieckmann-Schuppert, A., Schnittler, HJ. 1997. A simple assay for quantification of protein in tissue sections, cell cultures, and cell homogenates, and of protein immobilized on solid surfaces. *Cell Tissue Res* 288, 119–126. <https://doi.org/10.1007/s004410050799>
- Enoch S & Leaper DJ. 2008. Basic science of wound healing. *Surgery (UK)* : 26(2):31-7
- Gilaberte, Y., Prieto-Torres, L., Pastushenko, I., & Juarranz, Á. (2016). *Anatomy and Function of the Skin. Nanoscience in Dermatology*, 1–14. doi:10.1016/b978-0-12-802926-8.0000
- Gill SE & Parks WC. 2008. Metalloproteinases and their inhibitors: regulators of wound healing. *Int J Biochem Cell Biol* ;40(6):1334-47.
- Gonzalez, A. C., Costa, T. F., Andrade, Z. A., & Medrado, A. R. 2016. *Wound healing - A literature review*. *Anais brasileiros de dermatologia*, 91(5), 614–620.
- Gu TM, Niu XT, Guo H. 2000. Clinical observation on changes of Fibroblast Growth Factor-2 in burn wounds. *Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi* ;14(5):261-3.
- Hong JP, Kim YW, Lee SK, Kim SH, Min KH. 2008. The effect of continuous release of recombinant human epidermal growth factor (rh-EGF) in chitosan film on full thickness excisional porcine wounds. *Ann Plast Surg.* 61:457–62. PubMed, Google Scholar
- Huang, C., Leavitt, T., Bayer, L. R., & Orgill, D. P. 2014. Effect of negative pressure wound therapy on wound healing. *Current Problems in Surgery*, 51(7), 301–331. doi:10.1067/j.cpsurg.04.001
- Jacob G Hodge 1, Ashley L Pistorio , Christopher A Neal , Hongyan Dai , Jennifer G Nelson-Brantley, Molly E Steed, Richard A Korentager, David S Zamierowski, Adam J Mellott. 2022. Novel insights into negative pressure wound healing from an in situ porcine perspective. *Wound Repair Regen Journal* ; 30(1):64-81.
- Jeremy N. Marchant-Forde, Mette S. Herskin. 2018. Pigs as laboratory animals, Editor(s): Marek Špinko, *In Woodhead Publishing Series in Food Science, Technology and Nutrition, Advances in Pig Welfare*, Woodhead Publishing, 445-475,
- Kaddoura I, Abu-Sittah G, Ibrahim A, Karamanoukian R, Papazian N. 2017. Burn injury:



- Kaddoura, I., Abu-Sittah, G., Ibrahim, A., Karamanoukian, R., & Papazian, N. 2017. Burn injury: review of pathophysiology and therapeutic modalities in major burns. *Annals of burns and fire disasters*, 30(2), 95–102.
- Kalangi, Sonny J. R. 2013. *Histofisiologi Kulit*. Jurnal Biomedik. Bagian Anatomi-Histologi Fakultas Kedokteran Universitas Sam Ratulangi Manado. Vol 5 . Nomor 3
- Kantak NA, Mistry R, Varon DE, Halvorson EG. 2017. Negative Pressure Wound Therapy for Burns. *Clin Plast Surg*. 2017 Jul;44(3):671-677. doi: 10.1016/j.cps.2017.02.023. Epub Apr 7. PMID: 28576256.
- Kemenkes RI. 2019. *Pedoman Nasional Pelayanan Kedokteran Tata Laksana Luka Bakar*. Jakarta
- Klasen, H. 2000. A historical review of the use of silver in the treatment of burns. II. Renewed interest for silver. *Burns*, 26(2), 131–138
- Koike, Y., Yozaki, M., Utani, A. 2020. Fibroblast growth factor 2 accelerates the epithelial–mesenchymal transition in keratinocytes during wound healing process. *Sci Rep* 10, 18545. <https://doi.org/10.1038/s41598-020-75584-7>
- Komi-Kuramochi, A., Kawano, M., Oda, Y., Asada, M., Suzuki, M., Oki, J., & Imamura, T. 2005. Expression of Fibroblast Growth Factors and their receptors during full-thickness skin wound healing in young and aged mice. *J Endocrinol*, 186(2), 273-289.
- Kopp, J., Wang, G. Y., Kulmburg, P., Schultze-Mosgau, S., Huan, J. N., Ying, K. 2004. Accelerated Wound Healing by in Vivo Application of Keratinocytes Overexpressing KGF. *Mol Ther*, 10(1): 86-96.
- Kurniawan, I. D., Seswandhana, R., Anwar, S.L. 2021. Pengaruh Terapi Luka Tekanan Negatif Terhadap Angiogenesis Pada Model Luka Bakar Dermal Dalam Pada Babi Yorkshire. Universitas Gadjah Mada
- Lin C, Qiao L, Zhang P. 2007. Comparison of the burn wound and diabetic ulcer wound. *Zhonghua Shao Shang Za Zhi*. ;23(5):339-41.
- Ma B, Cheng DS, Xia ZF. 2007. Randomized, multicenter, double-blind, and placebo-controlled trial using topical recombinant human acidic Fibroblast Growth Factor for deep partial-thickness burns and skin graft donor site. *Wound Repair Regen*.;15:795–9.
- Markiewicz-Gospodarek A, Koziol M, Tobiasz M, Baj J, Radzikowska-Büchner E, Przekora. 2022. Burn Wound Healing: Clinical Complications, Medical Care, Treatment, and Dressing Types: The Current State of Knowledge for Clinical Practice. *Int J Environ Res Public Health*.;19(3):1338. doi: 10.3390/ijerph19031338. PMID: 35162360; PMCID: PMC8834952.
- Medrado AR, Gonzalez AC, Costa TF, Andrade ZA. 2016. Wound healing - A literature review. *An Bras Dermatol*. 614-620.doi:10.1590/abd1806 4841.20164741. PMID: 27828635; PMCID: PMC5087220.
- Netter, F. H. 2019. *Atlas of human anatomy (Seventh edition.)*. Philadelphia, PA: Elsevier
- Ni Made, I Kadek Saputra, Ni Luh Putu Eva Yanti. 2021. Gambaran Kejadian Luka Bakar dan Tingkat Pengetahuan Ibu Tentang Pertolongan Pertama Luka Bakar Pada Anak Usia Toddler. *Jurnal Harian Regional*; Fakultas Kedokteran Udayana



wound healing. The role of Nrf2 and NF- κ B. *Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub* ; 161:XX

Park CJ, Clark SG, Lichtensteiger CA, Jamison RD, Johnson AJ. 2009. Accelerated wound closure of pressure ulcers in aged mice by chitosan scaffolds with and without bFGF2. *Acta Biomater* ;5:1926–36. *PubMed, Google Scholar*

Park JW, Hwang SR, Yoon IS. 2017. Advanced Growth Factor Delivery Systems in Wound Management and Skin Regeneration. *Molecules*.;22(8):1259. doi: 10.3390/molecules22081259. PMID: 28749427; PMCID: PMC6152378.

Resadita, R., Seswandhana, M., R., Purnomo, E. 2022. The effect of NPWT in wound healing and bacterial count on deep dermal burn injury model: An experimental study. *Ann Med Surg (Lond)* ;75:103367. doi: 10.1016/j.amsu. 103367. PMID: 35386807; PMCID: PMC8977920.

Schreml S, Szeimies R-M, Prantl L, Landthaler M, Babilas P. 2010. Wound healing in the 21st century. *J Am Acad Dermatol* ;63(5):866-81

Serrano I, Díez-Marqués ML, Rodríguez-Puyol M, Herrero-Fresneda I, Dedhar S, Ruiz-Torres MP, Rodríguez-Puyol D. 2012. Integrin-linked kinase (ILK) modulates wound healing through regulation of hepatocyte growth factor (HGF). *Exp Cell Res*;318(19):2470-81.

Seswandhana, Rosadi, Teguh Aryandono, Ishandono Dachlan. 2022. Kajian pada Observasi Laju Epitelisasi, Kontraksi Luka, Migrasi Sel Punca Epidermal, Interleukin-33, Matrix Metalloproteinase-9, Transforming Growth Factor- β 1, dan Keratinocyte Growth Factor. *ETD*. <http://etd.repository.ugm.ac.id/>

Sheu, S. H., Wang, W. L., Fu, Y. T., Lin, S. C., Lei, Y. C., Liao, J. H. 2014. The pig as an experimental model for mid-dermal burns research. *Burns*, 40: 1679-1688.

Singer, A. J., & Clark, R. A. F. 1999. Cutaneous Wound Healing. *New England Journal of Medicine*, 738–746.

Stephan, B., Brem, H., Stojadinovic, O., Tomic-Canic, M. (2014). Clinical application of growth factors and cytokines in wound healing. *Wound Repair Regen* : 22(5):569-78. doi: 10.1111/wrr.12205. PMID: 24942811; PMCID: PMC4812574

Sullivan, T. P., Eaglstein, W. H., Davis, S. C., & Mertz, P. 2001. The Pig As A Model For Human Wound Healing. *Wound Repair and Regeneration*, 9(2), 66– 76.

Tanaka, T., Panthee, N., Itoda, Y., Yamauchi, N., Fukayama, M., & Ono, M. 2016. Negative pressure wound therapy induces early wound healing by increased and accelerated expression of vascular endothelial growth factor receptors. *European Journal of Plastic Surgery*, 39(4), 247–256. doi:10.1007/s00238-016-1200

Tatiana N. Demidova-Rice, Michael R. Hamblin, and Ira M. Herman. 2013. Acute and Impaired Wound Healing: Pathophysiology and Current Methods for Drug Delivery, Part 2: Role of Growth Factors in Normal and Pathological Wound Healing: Therapeutic Potential and Methods of Delivery. *Skin Wound Care*

Werner S, Grose R. 2003. Regulation of wound healing by growth factors and cytokines. *Physiol Rev* ;83(3):835-70

World Health Organization (WHO). 2018. *The Burn Wound in numbers*. Technical report



- Xu, Y., Hong, Y., Xu, M., Ma, K., Fu, X., Zhang, M., and Wang, G. 2016. Role of Keratinocyte Growth Factor in the Differentiation of Sweat Gland-Like Cells From Human Umbilical Cord-Derived Mesenchymal Stem Cells. *Stem Cells Transl. Med.*, Vol 5:106–116
- Yamakawa, S., & Hayashida, K. 2019. Advances in surgical applications of growth factors for wound healing. *Burns & Trauma*, 7(1)
- Zhang Y, Wang T, He J, Dong J. 2016. Growth factor therapy in patients with partial-thickness burns:a systematic review and meta-analysis. *Int Wound J* ; 13:354–366