

## DAFTAR PUSTAKA

- Akaa, P., Ahachi, N.C., Vhritherhire, A.R., Agada, E., Jenrola, A.A. and Dzuachii, D., 2017. Five year retrospective study on keloid management. *Journal of Advances in Medicine and Medical Research*, 23(1), pp.1-8.
- Alfarafisa, N.M., Khairani, A.F., Achadiyani, A., Chou, Y., Aulia, F. and Firdaus, M.B., 2025. Assessment of alpha-tocopheryl acetate and metformin hydrochloride as independent agents on human dermal fibroblast viability: Findings from MTT assay. *Althea Medical Journal*, 12(2), pp.125-132.
- Berman, B., Maderal, A. and Raphael, B., 2017. Keloids and hypertrophic scars: Pathophysiology, classification, and treatment. *Dermatologic Surgery*, 43(1), pp.S3-S18.
- Betarbet, U. and Blalock, T.W., 2020. Keloids: A review of etiology, prevention, and treatment. *The Journal of Clinical and Aesthetic Dermatology*, 13(2), p.33.
- Carroll, L.A., Hanasono, M.M., Mikulec, A.A., Kita, M. and Koch, R.J., 2002. Triamcinolone stimulates bFGF production and inhibits TGF- $\beta$ 1 production by human dermal fibroblasts. *Dermatologic Surgery*, 28(8), pp.704-709.
- Chen, A.D., Chen, R.F., Li, Y.T., Huang, Y.T., Lin, S.D., Lai, C.S. and Kuo, Y.R., 2019. Triamcinolone acetonide suppresses keloid formation through enhancing apoptosis in a nude mouse model. *Annals of Plastic Surgery*, 83(4S), pp.S50-S54.
- Chen, L., Ren, H., Wu, Y., An, G., Jing, X. and Zhao, T., 2024. Comparative efficacy and clinical outcomes of compound betamethasone and triamcinolone acetonide on IL-6 and IL-17 in keloid treatment. *Tropical Journal of Pharmaceutical Research*, 23(10), pp.1663-1668.
- Chen, L., Su, Y., Yin, B., Li, S., Cheng, X., He, Y. and Jia, C., 2022. LARP6 regulates keloid fibroblast proliferation, invasion, and ability to synthesize collagen. *Journal of Investigative Dermatology*, 142(9), pp.2395-2405.
- Delaleu, J., Charvet, E. and Petit, A., 2023. Keloid disease: Review with clinical atlas. Part I: Definitions, history, epidemiology, clinics and diagnosis. *Annales de Dermatologie et de Vénéréologie*, 150 (1), pp. 3-15
- Elsaie, M.L., 2021. Update on management of keloid and hypertrophic scars: A systemic review. *Journal of Cosmetic Dermatology*, 20(9), pp.2729-2738.
- Fu, R., Zhou, S., Liu, C., Zhou, J. and Li, Q., 2024. Administration of a combination of COX-2/TGF- $\beta$ 1 siRNAs induces hypertrophic scar fibroblast apoptosis through a TP53 mediated caspase pathway. *Scientific Reports*, 14(1), p.26427.

- Goldstein, B.G., Hong, A., Levy, M.L. and Alexis, A.F., 2022. Keloids and hypertrophic scars. *Delavalle R, Levy M, Alexis A. Corona R, editors. Uptodate. Waltham (MA). UpToDate Inc.*
- Gruber, S. and Nickel, A., 2023. Toxic or not toxic? Interlaboratory comparison reveals almost fifty-fifty chance in the cytotoxicity assessment (ISO 10993-5) of an identical medical device. *MedRxiv*, pp.2023-03.
- Hedayatyanfard, K., Haddadi, N.S., Ziai, S.A., Karim, H., Niazi, F., Steckelings, U.M., Habibi, B., Modarresi, A. and Dehpour, A.R., 2020. The renin-angiotensin system in cutaneous hypertrophic scar and keloid formation. *Experimental Dermatology*, 29(9), pp.902-909.
- Hedayatyanfard, K., Ziai, S.A., Niazi, F., Habibi, I., Habibi, B. and Moravvej, H., 2018. Losartan ointment relieves hypertrophic scars and keloid: A pilot study. *Wound Repair and Regeneration*, 26(4), pp.340-343.
- Homer, N.A., Hanafy, M.S., Baer, S.C., Watson, A.H., Somogyi, M., Shore, J.W., Blyden, S., Durairaj, V.D., Cui, Z. and Nakra, T., 2022. 5-Fluorouracil with microneedling modulates wound healing in a murine model: An immunohistochemical analysis of mechanism and dose efficacy. *Ophthalmic Plastic & Reconstructive Surgery*, 38(6), pp.596-601.
- Huang, L., Wong, Y.P., Cai, Y.J., Lung, I., Leung, C.S. and Burd, A., 2010. Low-dose 5-fluorouracil induces cell cycle G2 arrest and apoptosis in keloid fibroblasts. *British Journal of Dermatology*, 163(6), pp.1181-1185.
- Huang, L., Cai, Y.J., Lung, I., Leung, B.C. and Burd, A., 2013. A study of the combination of triamcinolone and 5-fluorouracil in modulating keloid fibroblasts in vitro. *Journal of Plastic, Reconstructive & Aesthetic Surgery*, 66(9), pp.e251-e259.
- Huang, F., Zhang, E., Lei, Y., Yan, Q. and Xue, C., 2024. Tripterine inhibits proliferation and promotes apoptosis of keloid fibroblasts by targeting ROS/JNK signaling. *Journal of Burn Care & Research*, 45(1), pp.104-111.
- Iannello, S., Milazzo, P., Bordonaro, F. and Belfiore, F., 2006. Low-dose enalapril in the treatment of surgical cutaneous hypertrophic scar and keloid-two case reports and literature review. *Medscape General Medicine*, 8(4), p.60.
- Jian, K., Yang, C., Li, T., Wu, X., Shen, J., Wei, J., Yang, Z., Yuan, D., Zhao, M. and Shi, J., 2022. PDGF-BB-derived supramolecular hydrogel for promoting skin wound healing. *Journal of Nanobiotechnology*, 20(1), p.201.
- Jiang, Z.Y., Liao, X.C., Liu, M.Z., Fu, Z.H., Min, D.H., Yu, X.T. and Guo, G.H., 2020. Efficacy and safety of intralesional triamcinolone versus combination of triamcinolone with 5-fluorouracil in the treatment of keloids and hypertrophic scars: A systematic review and meta-analysis. *Aesthetic Plastic Surgery*, 44(1), pp.1859-1868.

- Jin, J., Tang, T., Zhou, H., Hong, X.D., Fan, H., Zhang, X.D., Chen, Z.L., Ma, B., Zhu, S.H., Wang, G.Y. and Xia, Z.F., 2022. Synergistic effects of quercetin-modified silicone gel sheet in scar treatment. *Journal of Burn Care & Research*, 43(2), pp.445-452.
- Kim, H.A., Kim, K.C., Lee, H. and Hong, Y.M., 2023. Losartan reduces remodeling and apoptosis in an adriamycin-induced cardiomyopathy rat model. *Journal of Chest Surgery*, 56(5), p.295.
- Kommana, N., Bharti, K., Surekha, D.B., Thokala, S. and Mishra, B., 2020. Development, optimization and evaluation of losartan potassium loaded self emulsifying drug delivery system. *Journal of Drug Delivery Science and Technology*, 60(1), p.102026.
- Kumar, P.M. and Ghosh, A., 2017. Development and evaluation of silver sulfadiazine loaded microsponge based gel for partial thickness (second degree) burn wounds. *European Journal of Pharmaceutical Sciences*, 96(1), pp.243-254.
- Latoni, D.I., McDaniel, D.C., Tsao, H. and Tsao, S.S., 2024. Update on the pathogenesis of keloid formation. *JID Innovations*, p.100299.
- Limandjaja, G.C., Niessen, F.B., Scheper, R.J. and Gibbs, S., 2021. Hypertrophic scars and keloids: Overview of the evidence and practical guide for differentiating between these abnormal scars. *Experimental Dermatology*, 30(1), pp.146-161.
- Macarak, E.J., Wermuth, P.J., Rosenbloom, J. and Uitto, J., 2021. Keloid disorder: Fibroblast differentiation and gene expression profile in fibrotic skin diseases. *Experimental Dermatology*, 30(1), pp.132-145.
- Murakami, T. and Shigeki, S., 2024. Pharmacotherapy for keloids and hypertrophic scars. *International Journal of Molecular Sciences*, 25(9), p.4674.
- Murphy, A., LeVatte, T., Boudreau, C., Midgen, C., Gratzer, P., Marshall, J. and Bezuhly, M., 2019. Angiotensin II type I receptor blockade is associated with decreased cutaneous scar formation in a rat model. *Plastic and Reconstructive Surgery*, 144(5), pp.803e-813e.
- Ogawa, R., Akaishi, S., Kuribayashi, S. and Miyashita, T., 2016. Keloids and hypertrophic scars can now be cured completely: Recent progress in our understanding of the pathogenesis of keloids and hypertrophic scars and the most promising current therapeutic strategy. *Journal of Nippon Medical School*, 83(2), pp.46-53.
- Perhimpunan Dokter Spesialis Kulit dan Kelamin Indonesia (PERDOSKI), 2024. *Panduan Praktik Klinis Bagi Dokter Spesialis Dermatologi, Venereologi, dan Estetika Indonesia*. Jakarta: PERDOSKI. ISBN 978-623-99603-2-2

- Quong, W.L., Kozai, Y. and Ogawa, R., 2017. A case of keloids complicated by Castleman's disease: Interleukin-6 as a keloid risk factor. *Plastic and Reconstructive Surgery Global Open*, 5(5), pp.1-5
- Rittié, L., 2017. Method for picosirius red-polarization detection of collagen fibers in tissue sections. In *Fibrosis* (pp. 395-407). Humana Press, New York, NY.
- Salati, S.A., 2019. Keloids—an extensive review in the light of recent literature. *Journal of Pakistan Association of Dermatologists*, 29(2), pp.225-249.
- Shaheen, A., 2017. Comprehensive review of keloid formation. *Clin Res Dermatol Open Access*, 4(5), pp.1-18.
- Shen, Z., Shao, J., Sun, J. and Xu, J., 2022. Exosomes released by melanocytes modulate fibroblasts to promote keloid formation: A pilot study. *Journal of Zhejiang University-SCIENCE B*, 23(8), pp.699-704.
- Shin, J.U., Kim, S.H., Kim, H., Noh, J.Y., Jin, S., Park, C.O., Lee, W.J., Lee, D.W., Lee, J.H. and Lee, K.H., 2016. TSLP is a potential initiator of collagen synthesis and an activator of CXCR4/SDF-1 axis in keloid pathogenesis. *Journal of Investigative Dermatology*, 136(2), pp.507-515.
- Sidhu, G. and Preuss, C.V., 2021. Triamcinolone. In *StatPearls*. StatPearls Publishing.
- Simpson, K.L. and McClellan, K.J., 2000. Losartan. *Drugs & Aging*, 16(3), pp.227-250.
- Singh, D., Rai, V. and Agrawal, D.K., 2023. Regulation of collagen I and collagen III in tissue injury and regeneration. *Cardiology and Cardiovascular Medicine*, 7(1), p.5.
- Tripathi, S., Soni, K., Agrawal, P., Gour, V., Mondal, R. and Soni, V., 2020. Hypertrophic scars and keloids: A review and current treatment modalities. *Biomedical Dermatology*, 4(1), pp.1-11.
- Utsunomiya, A., Chino, T., Kasamatsu, H., Hasegawa, T., Utsunomiya, N., Luong, V.H., Matsushita, T., Sasaki, Y., Ogura, D., Niwa, S.I. and Oyama, N., 2022. The compound LG283 inhibits bleomycin-induced skin fibrosis via antagonizing TGF- $\beta$  signaling. *Arthritis Research & Therapy*, 24(1), p.94.
- Wang, R., Mao, Y., Zhang, Z., Li, Z., Chen, J. and Cen, Y., 2016. Role of verapamil in preventing and treating hypertrophic scars and keloids. *International Wound Journal*, 13(4), pp.461-468.
- Wang, Y., Meng, X.H., Zhang, Q.J., Wang, Y.M., Chen, C., Wang, Y.C., Zhou, X., Ji, C.J. and Song, N.H., 2019. Losartan improves erectile function through suppression of corporal apoptosis and oxidative stress in rats with cavernous nerve injury. *Asian Journal of Andrology*, 21(5), pp.452-459.

- Wang, Z.C., Zhao, W.Y., Cao, Y., Liu, Y.Q., Sun, Q., Shi, P., Cai, J.Q., Shen, X.Z. and Tan, W.Q., 2020. The roles of inflammation in keloid and hypertrophic scars. *Frontiers in immunology*, 11(1), p.603187
- Wardi, U.N., Ulfah, N. and Krismariono, A., 2021. Viability assay of human fibroblast cells treated by water hyacinth leaf extract after 24 hours incubation. *Journal of SCRTE*, 5(2).
- Wilson, S.E., 2024. Two-phase mechanism in the treatment of corneal stromal fibrosis with topical losartan. *Experimental Eye Research*, 242, p.109884.
- Xu, S.J., Teng, J.Y., Xie, J., Wu, A.J., Chen, D.M. and Bao, W.H., 2008. The role of cell pathway in apoptosis of fibroblasts from proliferative scar induced by steroid or IFN. *Zhonghua Zheng Xing wai ke za zhi= Zhonghua Zhengxing Waike Zazhi= Chinese Journal of Plastic Surgery*, 24(1), pp.46-49.
- Xu, J., Yang, E., Yu, N.Z., Wang, Y.B. and Long, X., 2017. The radiation therapy in keloids treatment: A comprehensive review of pathomechanism, damage mechanisms and cellular response. *Plastic and Aesthetic Research*, 4, pp.116-126.
- Zhou, B., Lin, X., Xia, L., Gao, Z., Di, M., Wu, X. and Wang, W., 2024. The inhibitory effect of type V transforming growth factor- $\beta$  receptor antagonist on the proliferation of keloid fibroblasts by suppressing insulin-like growth factor-binding protein 3-interleukin-6 signaling. *Dermatologica Sinica*, 42(4), pp.255-26
- Zhu, Y.O., MacDonnell, S., Kaplan, T., Liu, C., Ali, Y., Rangel, S.M., Wipperman, M.F., Belback, M., Sun, D.S., Ren, Z. and Zhou, X.A., 2023. Defining a unique gene expression profile in mature and developing keloids. *JID Innovations*, 3(5), p.100211.