

DAFTAR PUSTAKA

- Abdelalim, LR., Abdallah, OY., dan Elnaggar, YSR., 2020, High Efficacy, Rapid Onset Nanobiolosomes of Sildenafil As a Topical Therapy for Erectile Dysfunction in Aged Rats. *International journal of pharmaceutics*, 591, 119978
- Abu Dayyih, W., Abu Rayyan, W., dan Al-Matubsi, HY., 2020, Impact of Sildenafil-Containing Ointment on Wound Healing in Healthy and Experimental Diabetic Rats. *Acta diabetologica*, 57(11):1351–1358.
- Adekunle, AA., James, O., Onuoha, EO., dan Adeyemo, WL., 2023, Wound Healing Following Palatoplasty Using Either Honey or Warm Saline Mouth Bath for Postoperative Wound Care: A Randomized-Controlled Study. *The Cleft palate-craniofacial journal : official publication of the American Cleft Palate-Craniofacial Association*, 60(8):962–970.
- Agrawal, K., 2009, Cleft Palate Repair and Variations. *Indian Journal of Plastic Surgery : Official Publication of the Association of Plastic Surgeons of India*, 42:S102-109.
- Ala, M., Mohammad Jafari, R., dan Dehpour, AR., 2021, Sildenafil beyond erectile dysfunction and pulmonary arterial hypertension: Thinking about new indications. *Fundamental & clinical pharmacology*, 35(2):235–259.
- Andersson KE., 2018, PDE5 inhibitors - pharmacology and clinical applications 20 years after sildenafil discovery. *British journal of pharmacology*, 175(13):2554–2565.
- Andreasen, JO., Andreasen, FM., dan Andersson, L., 2019, *Textbook of Color Atlas of Traumatic Injuries to the Teeth*, 5th ed., West Sussex: Wiley Blackwell, pp. 5-38.
- Atkinson, M.E., 2013, *Anatomy for dental students*, 4th ed., Oxford: Oxford University Press, pp. 259-260
- Bartold, P.M., Walsh, L.J., dan Narayanan, A.S., 2000, Moleculer and Cell Biology of the Gingiva, *Periodontology*, 24:28-55.
- Bennun, RD., Harfin, JF., Sandor, GKB., dan Genecov, D., 2015, *Cleft Lip and Palate Management: A Comprehensive Atlas*, 1st ed., New jersey: JohnWiley & Sons, p. 167.
- Bergmeier, L., 2018, *Oral Mucosa in Health and Disease*, London: Springer. Pp. 77-90.
- Caetano, GF., Fronza, M., Leite, MN., Gomes, A., dan Frade, MAC., 2016, Comparison of Collagen Content in Skin Wounds Evaluated by

Biochemical Assay and by Computer-aided Histomorphometric Analysis. *Pharmaceutical Biology*, 54(11):2555-9.

Cakir, T., Ozer, I., Bostanci, E. B., Keklik, T. T., Ercin, U., Bilgihan, A., dan Akoglu, M., 2015, Increased collagen maturity with sildenafil citrate: experimental high risk colonic anastomosis model. *International journal of surgery (London, England)*, 13:152–156.

Cakmak, E., Karasoy Yesilada, A., Sevim, KZ., Sumer, O., Tatlidede, HS., dan Sakiz, D., 2014, Effect of sildenafil citrate on secondary healing in full thickness skin defects in experiment. *Bratislavske lekarske listy*, 115(5):267–271.

Chaushu, L., Atzil, S., Vered, M., Chaushu, G., Matalon, S., dan Weinberg, E., 2021, Age-Related Palatal Wound Healing: an Experimental in vivo Study. *Biology*, 10(30):240.

Chen, J., Yang, R., Yin, J., Shi, B., dan Huang, H., 2023, Current Insights in The Preclinical Study of Palatal Wound Healing and Oronasal Fistula After Cleft Palate Repair. *Frontiers in cell and developmental biology*, 11, 1271014.

Chen, Y., Yu, Q., dan Xu, CB., 2017, A Convenient Method for Quantifying Collagen Fibers in Atherosclerotic Lesions by ImageJ Software. *International Journal of Clinical and Experimental Medicine*, 10(10):14904-10.

Derici, H., Kamer, E., Unalp, HR., Diniz, G., Bozdog, AD., Tansug, T., Ortac, R., dan Erbil, Y., 2010, Effect of Sildenafil on Wound Healing: an Experimental Study. *Langenbeck's archives of surgery*, 395(6):713–718.

Djatumurti, DR., Rafida, A., Manalu, AYP., dan Pangestiningih, TW., 2021, Re-Epithelization and Density of Collagen Fibers on Wound Healing of Mice's Skin (Mus Musculus) That Treated with Combination of Chitosan Membrane and Eel (Monopterus Albus) Mucous. *BIO Web Conf*, 33 06005.

Dönmez, Y., Akpınar, A., dan Göze, F., 2022, Effect of Topical Humic Acid on Excisional Palatal Wound Healing: A Histopathological and Histomorphometric Study in Rats. *Cumhuriyet Dental Journal*, 24(4):326–336.

Dönmez, YZ., Akpınar, AA., dan Göze, OF., 2021, Effect Of Topical Humic Acid on Excisional Palatal Wound Healing: a Histopathological and Histomorphometric Study in Rats. *Cumhuriyet Dental Journal*, 24(4):326–336.

Enoch, S., Moseley, R., Stephens, P., dan Thomas, DW., 2008, The Oral Mucosa: a Model of Wound Healing with Reduced Scarring. *Oral Surgery*, 1:11-21.

- Ferreira, CL., Neves Jardini, MA., Moretto Nunes, CM., Bernardo, DV., Viana Casarin, RC., Dos Santos Gedraite, E., Mathias, MA., Liu, F., Mendonça, G., Silveira Mendonça, DB., dan Santamaria, MP., 2021, Electrical Stimulation Enhances Early Palatal Wound Healing in Mice. *Archives of oral biology*, 122, 105028.
- Fitria, L., dan Sarto, M., 2014, Profil Hematologi Tikus (*Rattus novergicus* Berkenhout, 1769) Galur Wistar Jantan dan Betina Umur 4, 6, dan 8 Minggu. *Biogenesis*, 2(2):94-100.
- Frank, S., Kämpfer, H., Wetzler, C., dan Pfeilschifter, J., 2002, Nitric Oxide Drives Skin Repair: Novel Functions of an Established Mediator. *Kidney international*, 61(3):882–888.
- Gál, P., Toporcer, T., Vidinský, B., Mokrá, M., Novotný, M., Kilík, R., Smetana, K., Jr, Gál, T., dan Sabo, J., 2006, Early Changes in The Tensile Strength and Morphology of Primary Sutured Skin Wounds in Rats. *Folia biologica*, 52(4):109–115.
- García-Caballero, L., Gándara, M., Cepeda-Emiliani, A., Gallego, R., Gude, F., Suárez-Quintanilla, J., Ramos-Barbosa, I., dan Blanco-Carrión, J., 2023, Histological and Histomorphometric Study of Human Palatal Mucosa: Implications for Connective Tissue Graft Harvesting. *Journal of Clinical Periodontology*, 50(6):784–795.
- Guo, S., dan DiPietro, LA., 2010, Factors Affecting Wound Healing. *Journal of dental research*, 89(3):219–229.
- Gürsoy, K., Oruç, M., Kankaya, Y., Ulusoy, MG., Koçer, U., Kankaya, D., Gürsoy, RN., Çevik, Ö., Ögüş, E., dan Fidanci, V., 2014, Effect of Topically Applied Sildenafil Citrate on Wound Healing: Experimental Study. *Bosnian journal of basic medical sciences*, 14(3):125–131.
- Hammad, HM., Hammad, MM., Abdelhadi, IN., dan Khalifeh, MS., 2011, Effects of Topically Applied Agents on Intra-Oral Wound Healing in a Rat Model: a Clinical and Histomorphometric Study. *International journal of dental hygiene*, 9(1):9–16.
- Hanafiah, KA., 1997, *Rancangan Percobaan Teori Dan Aplikasi*, 2nd ed., Jakarta: Raja Grafindo Persada, pp.6-7.
- Hupp, J., Tucker, M., dan Ellis, E., 2018, *Contemporary Oral and Maxillofacial Surgery*, 7th ed., North Carolina: Mosby, pp. 43-45
- Jamshidzadeh, A., dan Azarpira, N., 2011, The Effects of Topical Sildenafil on Wound Healing in Rat. *Iranian Journal of Pharmaceutical Sciences*, 7(1):43-48.

Keswani, SG., Balaji, S., Le, LD., Leung, A., Parvadia, JK., Frischer, J., Yamano, S., Taichman, N., dan Crombleholme, TM., 2013, Role of Salivary Vascular Endothelial Growth Factor (VEGF) in Palatal Mucosal Wound Healing. *Wound repair and regeneration : official publication of the Wound Healing Society [and] the European Tissue Repair Society*, 21(4):554–562.

Kosowski, TR., Weathers, WM., Wolfswinkel, EM., dan Ridgway, EB., 2012, Cleft Palate. *Semin Plast Surg*, 26(4):164–169.

Kozlovsky, A., Artzi, Z., Hirshberg, A., Israeli-Tobias, C., dan Reich, L., 2007, Effect of Local Antimicrobial Agents on Excisional Palatal Wound Healing: a Clinical and Histomorphometric Study in Rats. *Journal of clinical periodontology*, 34(2):164–171.

Larjava, H., 2012, *Oral Wound Healing: Cell Biology and Clinical Management*, West Sussex: John Wiley & Sons, pp. 1-4;81-107;139-148.

Leonardo, TR., Chen, L., dan DiPietro, LA., 2022, Preparation of a Murine Oral Palate Wound Healing Model. *STAR Protocols*, 3(4).

Liu, Y., Zhang, S., Sakran, KA., Yin, J., Lan, M., Yang, C., Wang, Y., Zeng, N., Huang, H., dan Shi, B., 2022, Observation of Palatal Wound Healing Process Following Various Degrees of Mucoperiosteal and Bone Trauma in a Young Rat Model. *Biology*, 11(8):1142.

Maeda, T., Masaki, C., Kanao, M., Kondo, Y., Ohta, A., Nakamoto, T., dan Hosokawa, R., 2013, Low-Intensity Pulsed Ultrasound Enhances Palatal Mucosa Wound Healing in Rats. *Journal of prosthodontic research*, 57(2):93–98.

Mathew-Steiner, SS., Roy, S., dan Sen, CK., 2021, Collagen in Wound Healing. *Bioengineering (Basel, Switzerland)*, 8(5):63.

Mescher, AL., 2021, *Junqueira's Basic Histology Text and Atlas*, 6th ed., US: McGraw Hill, pp. 298;372-373.

Nandi, T., Biswas, K., dan Sharmin, S., 2022, Sildenafil (Viagra®): a Pharmacokinetic (PK) Review. *Journal of Advances in Medicine and Medical Research*, 34(22):300–315.

Nichols, DJ., Muirhead, GJ., dan Harness, JA., 2002, Pharmacokinetics of Sildenafil After Single Oral Doses in Healthy Male Subjects: Absolute Bioavailability, Food Effects and Dose Proportionality. *British journal of clinical pharmacology*, 53(Suppl 1):5S–12S.

Oda, Y., Kagami, H., dan Ueda, M., 2004, Accelerating Effects of Basic Fibroblast Growth Factor on Wound Healing of Rat Palatal Mucosa. *Journal of oral and maxillofacial surgery : official journal of the American Association of Oral and Maxillofacial Surgeons*, 62(1):73–80.

- Park, N., Valacchi, G., dan Lim, Y., 2010, Effect of Dietary Conjugated Linoleic Acid Supplementation on Early Inflammatory Responses during Cutaneous Wound Healing. *Mediators of Inflammation*, 8.
- Pastar, I., Stojadinovic, O., Yin, NC., Ramirez, H., Nusbaum, AG., Sawaya, A., Patel, SB., Khalid, L., Isseroff, RR., dan Tomic-Canic, M., 2014, Epithelialization in Wound Healing: a Comprehensive Review. *Advances in wound care*, 3(7):445–464.
- Politis, C., Schoenaers, J., Jacobs, R., dan Agbaje, J., 2016, Wound Healing Problems in the Mouth. *Sec. Craniofacial Biology and Dental Research*, 7.
- Raja, Sivamani, K., Garcia, MS., dan Isseroff, RR., 2007, Wound Re-Epithelialization: Modulating Keratinocyte Migration in Wound Healing. *Frontiers in bioscience: a journal and virtual library*, 12:2849–2868.
- Sa, G., Xiong, X., Wu, T., Yang, J., He, S., dan Zhao, Y., 2016, Histological Features of Oral Epithelium in Seven Animal Species: as a Reference for Selecting Animal Models. *European journal of pharmaceutical sciences: official journal of the European Federation for Pharmaceutical Sciences*, 81:10–17.
- Salcido, RS., 2008, Viagra and Wound Healing: The NO Connection. *Adv Skin Wound Care*, 21(3):106.
- Santos, TS., Santos, IDDD., Pereira-Filho, RN., Gomes, SVF., Lima-Verde, IB., Marques, MN., Cardoso, JC., Severino, P., Souto, EB., dan Albuquerque-Júnior, RLC., 2021, Histological Evidence of Wound Healing Improvement in Rats Treated with Oral Administration of Hydroalcoholic Extract of *Vitis labrusca*. *Current issues in molecular biology*, 43(1):335–352.
- Schäffer, MR., Efron, PA., Thornton, FJ., Klingel, K., Gross, SS., dan Barbul, A., 1997, Nitric Oxide, an Autocrine Regulator of Wound Fibroblast Synthetic Function. *Journal of immunology (Baltimore, Md. : 1950)*, 158(5):2375–2381.
- Septifani, E., Yetti, R. dan Asra, R., 2021, Review: The Discovery and Development of Sildenafil Citrate. *Asian Journal of Pharmaceutical Research and Development*, 9(4):108-117.
- Sezgin, Y., Bilgin Çetin, M., Bulut, Ş., Alptekin, NÖ., dan Börçek, P., 2019, Evaluating the Effects of a Topical Preparation with Dexpanthenol, Silbiol, Undecylenic Acid, and Lidocaine on Palatal Mucosa Wound Healing in a Rat Model. *Balkan medical journal*, 36(2):88–95.
- Shinlapawittayatorn, K., Chattipakorn, S., dan Chattipakorn, N., 2005, Effect Of Sildenafil Citrate on The Cardiovascular System. *Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas*, 38(9):1303–1311.

- Subramanian, P., 2021, Mucoadhesive Delivery System: A Smart Way to Improve Bioavailability of Nutraceuticals. *Foods (Basel, Switzerland)*, 10(6):1362.
- Sumner, SM., Wallace, ML., Mulder, AT., Delmotte, SB., Duran, SH., Lindell, H., Annaji, M., Dimick, T., Poudel, I., dan Babu, JR., 2022, Development and Evaluation of a Novel Topically Applied Sildenafil Citrate Hydrogel and Its Influence on Wound Healing in Dogs. *American journal of veterinary research*, 83(8).
- Tavelli, L., Barootchi, S., Stefanini, M., Zucchelli, G., Giannobile, WV., dan Wang, HL., 2023, Wound Healing Dynamics, Morbidity, and Complications of Palatal Soft-Tissue Harvesting. *Periodontology 2000*, 92(1):90–119.
- Toma, AI., Fuller, JM., Willett, NJ., dan Goudy, SL., 2021, Oral Wound Healing Models and Emerging Regenerative Therapies. *Translational research : the journal of laboratory and clinical medicine*, 236:17–34.
- Treuting, P.M., Dintzis, S.M., dan Montin, K.S., 2017, *Comparative Anatomy and Histology: A Mouse, Rat, and Human Atlas*, 2nd ed., UK:Elsevier, pp.115-131.
- Velnar, T., Bailey, T., dan Smrkolj, V., 2009, The Wound Healing Process: an Overview of the Cellular and Molecular Mechanisms. *The Journal of international medical research*, 37(5):1528–1542.
- Vidinský, B., Gál, P., Toporcer, T., Longauer, F., Lenhardt, L., Bobrov, N., dan Sabó, J., 2006, Histological Study of The First Seven Days of Skin Wound Healing in Rats. *Acta Veterinaria Brno*, 75:197-202.
- Von Den Hoff, JW., Maltha, JC., dan Kuijpers-Jagtman, AM., 2006, *Palatal Wound Healing: the Effects of Scarring on Growth*. dalam Berkowitz, S., 2006. *Cleft Lip and Palate*. Berlin: Springer, pp. 301-309.
- Weinberg, E., Vered, M., Atzil, S., Chaushu, G., dan Chaushu, L., 2020, The Dynamics of Closure Following Excisional Mid-Palatal Mucoperiosteal Wound in a Rat Model. *Clinical oral investigations*, 24(12):4385–4393.
- Wilkinson, HN. dan Hardman, MJ., 2020, Wound Healing: Cellular Mechanisms and Pathological Outcomes. *Open Biol*, 10:200223.
- Woo, AS., 2017, Evidence-Based Medicine: Cleft Palate. *Plast Reconstr Surg*, 139(1):191e-203e.
- Wrightson, WR., 2006, *Current Concepts in General Surgery: A Resident Review*, US:Landes Bioscience, p.50.
- Yaman, F., Soker, S., Atilgan, S., Erol, B., Alp, H., Agacayak, S., Yeşilova, Y., Ince, B., dan Dalli, M., 2011, Effects of Sildenafil on Dental Tissue. *Journal of Animal and Veterinary Advances*, 10:1124-1126.

Yanhendri dan Yenny, SW., 2012, Berbagai Bentuk Sediaan Topikal dalam Dermatologi. *CDK-194*, 39(6):423-429

Yao, K., Bae, L., dan Yew, WP., 2013, Post-Operative Wound Management. *Australian Family Physician*, 42(12):867-70.