DAFTAR PUSTAKA

Abdullah, D. (2022). *Penyembuhan Luka Sayat Pada Mencit Melalui Pemberian Gel Kefir*: Penerbit Adab.

Al-Nimry, S., Dayah, A. A., Hasan, I., & Daghmash, R. (2021). Cosmetic, biomedical and pharmaceutical applications of fish gelatin/hydrolysates. *Marine Drugs, 19*(3), 145.

Andriani, D. H. (2018). *Pengaruh Gelatin Patin (Pangasius djambal) terhadap Ekspresi Vascular Endothelial Growth Factor pada Luka Pasca Pencabutan Gigi Tikus Putih (Rattus norvegicus).* Universitas Brawijaya,

Anita, A. (2021). *Asuhan Keperawatan pada Gangguan Integritas Kulit dengan Intervensi Perawatan Luka dengan NaCl 0, 9% dan Kasa dengan Antibiotik Framycetin Sulfate.* Universitas Islam Negeri Alauddin Makassar,

Anugrah, M. P., Sari, A. P., & Sinulingga, S. (2022). *Pengaruh Gelatin Kulit Ikan Patin (Pangasius Sp) Terhadap Peningkatan Jumlah Sel Makrofag Dan Fibroblas Ulkus Traumatikus.* Sriwijaya University,

Arfani, N. (2021). *Identifikasi Bakteri Staphylococcus Aureus Pada Kulit*: PENERBIT KBM INDONESIA.

Arrochman, F., Betaubun, A. I., Ifanti, R. T., Rinandari, U., Negara, A. S., Nugraha, W., . . . Julianto, I. (2020). Media Terkondisi Sel Punca Mesenkim Wharton's Jelly Mempercepat Penyembuhan Ulkus Tikus Diabetik strain Wistar. *Cermin Dunia Kedokteran, 47*(12), 727-731.

Ayulian, W. H. (2018). *UjiEfektivitas Salep Kitosan Cangkang Rajungan (Portunuspelagicus) Dibandingkan dengan Salep Komersial terhadap Ekspresi Epidermal GrowthFactor (EGF) danKetebalanEpidermis Tikus (Rattusnorvegicus) Model Luka Bakar.* Universitas Brawijaya,

Bagchi, D., Das, A., & Roy, S. (2020). *Wound Healing, Tissue Repair and Regeneration in Diabetes*: Academic Press.

Boateng, J. (2020). *Therapeutic Dressings and Wound Healing Applications*: John Wiley & Sons.

Butarbutar, M. E. T., & Chaerunisaa, A. Y. (2021). Peran pelembab dalam mengatasi kondisi kulit kering. *Majalah Farmasetika, 6*(1), 56-69.

Chen, J., Gao, K., Liu, S., Wang, S., Elango, J., Bao, B., . . . Wu, W. J. M. d. (2019). Fish collagen surgical compress repairing characteristics on wound healing process in vivo. *17*(1), 33.

Dianti, S. P. (2018). *Pengaruh Gelatin Ikan Patin (Pangasius djambal) terhadap Ekspresi Fibroblast Growth Factor-2 pada Luka Pasca Pencabutan Gigi*

Tikus Putih (Rattus norvegicus). Universitas Brawijaya,

Dogan, K. H. (2019). Wound Healing: Current Perspectives.

Dreyer, C. H., Kjaergaard, K., Ding, M., & Qin, L. (2020). Vascular endothelial growth factor for in vivo bone formation: A systematic review. *Journal of orthopaedic translation, 24*, 46-57.

Febrianti, N., Tahir, T., & Yusuf, S. (2019). Study Literature Peran Epidermal Growth Factor dalam Proses Penyembuhan Luka. *Jurnal Keperawatan Muhammadiyah, 4*(1).

Foltynski, P., Ladyzynski, P., Ciechanowska, A., Migalska-Musial, K., Judzewicz, G., & Sabalinska, S. (2015). Wound Area Measurement with Digital Planimetry: Improved Accuracy and Precision with Calibration Based on 2 Rulers. *PLoS One, 10*(8), e0134622. doi:10.1371/journal.pone.0134622

Gaspar-Pintiliescu, A., Stanciuc, A.-M., & Craciunescu, O. (2019). Natural composite dressings based on collagen, gelatin and plant bioactive compounds for wound healing: A review. *International journal of biological macromolecules, 138*, 854-865.

Gupta, A., & Kumar, P. (2015). Assessment of the histological state of the healing wound. *Plastic and Aesthetic Research, 2*, 239-242. doi:10.4103/2347-9264.158862

Hana Nurul, S. (2022). *Uji Kandungan Faktor Pertumbuhan Epidermal Growth Factor (EGF) dan Fibroblas Growth Factor (FGF) dalam Sediaan Krim Sekretom Sel Punca Mesenkimal.* Farmasi,

Hanifatunnisa, L. S. (2020). *Pengaruh Fibroin Spons Dibanding Absorbable Hemostat Gelatin Spons Terhadap Proses Osteogenesis Pada Penyembuhan Luka Pasca Ekstraksi Gigi.* Universitas Muhammadiyah Yogyakarta,

Herman, T. F., & Bordoni, B. (2020). *Wound classification*: StatPearls.

Iacob, A.-T., Drăgan, M., Ionescu, O.-M., Profire, L., Ficai, A., Andronescu, E., . . . Lupaşcu, D. (2020). An overview of biopolymeric electrospun nanofibers based on polysaccharides for wound healing management. *Pharmaceutics, 12*(10), 983.

Ika Surya Cahyani, K., Dewi Sarihati, I., & Sri Arjani, I. A. M. (2020). *Gambaran Kadar Serum Interleukin-6 Pada Perokok Aktif.* Poltekkes Kemenkes Denpasar,

Islam, M. S., Islam, J. M., Rahman, M. F., Rahman, M. M., & Khan, M. A. (2021). Gelatin-based instant gel-forming volatile spray for wound-dressing application. *Progress in Biomaterials, 10*(3), 235-243.

Junker, J. P., Kamel, R. A., Caterson, E., & Eriksson, E. J. A. i. w. c. (2013). Clinical impact upon wound healing and inflammation in moist, wet, and dry environments. *2*(7), 348-356.

Kang, S., Tanaka, T., Narazaki, M., & Kishimoto, T. (2019). Targeting interleukin-6 signaling in clinic. *Immunity, 50*(4), 1007-1023.

Kardikadewi, V. A. W. (2019). *Pengaruh Gelatin Ikan Patin (Pangasius djambal) terhadap ekspresi Epidermal Growth Factor pada luka pasca pencabutan gigi tikus putih (Rattus norvegicus).* Universitas Brawijaya,

Kosasih, E. A., Dzaky, M. I., & Zikri, A. (2019). Produksi Aquades Melalui Proses Pencekikan (Throttling) Air Panas Dengan Menggunakan Konsep Desalinasi Terbarukan (Vapor Compressor System) Pada Pembangkit Listrik Tenaga Uap (Pltu).

Lei, J., Sun, L., Li, P., Zhu, C., Lin, Z., Mackey, V., . . . He, Q. (2019). The wound dressings and their applications in wound healing and management. *Health Science Journal, 13*(4), 0-0.

Li, T., Sun, M., & Wu, S. (2022). State-of-the-art review of electrospun gelatin-based nanofiber dressings for wound healing applications. *Nanomaterials, 12*(5), 784.

Lin, S., Pei, L., Zhang, W., Shu, G., Lin, J., Li, H., . . . C, E. (2021). Chitosan-poloxamer-based thermosensitive hydrogels containing zinc gluconate/recombinant human epidermal growth factor benefit for antibacterial and wound healing. *130*, 112450.

Liu, C., Zeng, H., Chen, Z., Ge, Z., Wang, B., Liu, B., & Fan, Z. (2022). Sprayable methacrylic anhydride-modified gelatin hydrogel combined with bionic neutrophils nanoparticles for scar-free wound healing of diabetes mellitus. *International journal of biological macromolecules, 202*, 418-430.

Mardiyantoro, F., Munika, K., Sutanti, V., Cahyati, M., & Pratiwi, A. R. (2018). *Penyembuhan luka rongga mulut*: Universitas Brawijaya Press.

Masson-Meyers, D. S., Andrade, T. A., Caetano, G. F., Guimaraes, F. R., Leite, M. N., Leite, S. N., & Frade, M. A. C. (2020). Experimental models and methods for cutaneous wound healing assessment. *International journal of experimental pathology, 101*(1-2), 21-37.

Mo, F., Zhang, M., Duan, X., Lin, C., Sun, D., & You, T. J. I. J. o. N. (2022). Recent advances in nanozymes for bacteria-infected wound therapy. *17*, 5947.

Mubarokah, R. A. L. (2019). *Pengaruh Pemberian Gelatin Ikan Patin (Pangasius Djambal) Terhadap Alkaline Phosphatase (ALP) Pada Penyembuhan Luka Pasca Pencabutan Gigi Tikus Putih (Rattus Norvegicus) Strain Wistar.* Universitas Brawijaya,

Mustamu, A. C., Mustamu, H. L., & Hasim, N. H. (2020). Peningkatan Pengetahuan & Skill Dalam Merawat Luka. *Jurnal Pengabdian Masyarakat Sasambo, 1*(2), 103-109.

Naomi, R., Bahari, H., Ridzuan, P. M., & Othman, F. (2021). Natural-based biomaterial for skin wound healing (Gelatin vs. collagen): Expert review. *Polymers, 13*(14), 2319.

Nasution, R. E. P. (2020). *Panduan Bantuan Hidup Dasar dan Pertolongan Pertama Pada Luka* (Vol. 7): Whitecoathunter.

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.

Revilla, G. (2019). Efektivitas Pemberian Papain Getah Pepaya Terhadap Kadar Faktor Pertumbuhan Transforming Growth Factor-B (Tgf-B) pada Proses Penyembuhan Luka Bakar Tikus Percobaan. *Jurnal Kesehatan Andalas, 8*(2), 285-289.

Riefma, D. (2021). *Efek Pemberian Kombinasi Platet-Rich Plasma (Prp) Dan Stromal Vascular Fraction (Svfs) Terhadap Kadar Serum Epidermal Growth Factor (Egf) Pada Luka Bakar Deep Dermal Tikus Wistar.* Universitas Hasanuddin,

Riza, A., & Bukit, G. A. (2022). Comparison of effectiveness of normal saline, aquades and mineral water as an irrigation solution in odontectomy of impacted mandibular third molar in University of Sumatera Utara Hospital. *Journal of Dentomaxillofacial Science, 7*(2).

Rose-John, S. (2020). Interleukin-6 signalling in health and disease. *FResearch, 9*.

Sachraswaty, S. (2020). *Efek Penggunaan Kombinasi Platelet-Rich Plasma (Prp) Dan Stromal Vascular Fraction (Svfs) Terhadap Kadar Serum Fgf2 Dan Egf Pada Proses Re-Epitelisasi Luka Bakar Deep Dermal Pada Model Tikus Wistar.* Universitas Hasanuddin,

Salsabillah, A. (2021). *Uji Efektivitas Sediaan Gel Kolagen Kulit Ikan Gabus (Channa striata Bloch, 1793) Terhadap Penyembuhan Luka Diabetes.* Universitas Andalas,

Sari, L. N., Kanedi, M., Yulianty, Y., & Ernawiati, E. (2019). Efektivitas Ekstrak Etanol Daun Kenikir (Cosmos caudatus Kunth) Terhadap Penyembuhan Luka Sayat Pada Mencit (Mus musculus L.). *BIOSFER: Jurnal Tadris Biologi, 10*(2), 109-120.

Shukla, S. K., Sharma, A. K., Gupta, V., & Yashavarddhan, M. J. J. o. t. v. (2019). Pharmacological control of inflammation in wound healing. *28*(4), 218-222.

Tan, X., Xi, H., Xue, P., Cao, J., Yarmolenko, M., Liu, X., & Jiang, X. J. B. A. (2024).

The gelatin sponge loaded with curcumin coating exhibits a synergistic effect of hemostasis, anti-inflammatory, and anti-scarring. 214155.

Tanaka, A., Nagate, T., & Matsuda, H. (2005). Acceleration of wound healing by gelatin film dressings with epidermal growth factor. *Journal of veterinary medical science, 67*(9), 909-913.

Tort, S., Demiröz, F. T., Cevher, Ş. C., Sarıbaş, S., Özoğul, C., & Acartürk, F. (2020). The effect of a new wound dressing on wound healing: Biochemical and histopathological evaluation. *Burns, 46*(1), 143-155.

Uccelli, A., Wolff, T., Valente, P., Di Maggio, N., Pellegrino, M., Gürke, L., . . . Gianni-Barrera, R. (2019). Vascular endothelial growth factor biology for regenerative angiogenesis. *Swiss medical weekly, 149*(0304), w20011-w20011.

Vachhrajani, V., & Khakhkhar, P. (2020). *Science of Wound Healing and Dressing Materials*: Springer.

Xing, L., Fu, L., Cao, S., Yin, Y., Wei, L., & Zhang, W. J. N. (2022). The anti-inflammatory effect of bovine bone-gelatin-derived peptides in LPS-induced RAW264. 7 macrophages cells and dextran sulfate sodium-induced C57BL/6 mice. *14*(7), 1479.

Yun, Y. R., Won, J. E., Jeon, E., Lee, S., Kang, W., Jo, H., . . . Kim, H. W. (2010). Fibroblast growth factors: biology, function, and application for tissue regeneration. *J Tissue Eng, 2010*, 218142. doi:10.4061/2010/218142

LAMPIRAN

Patologi Anatomi

Aquadest

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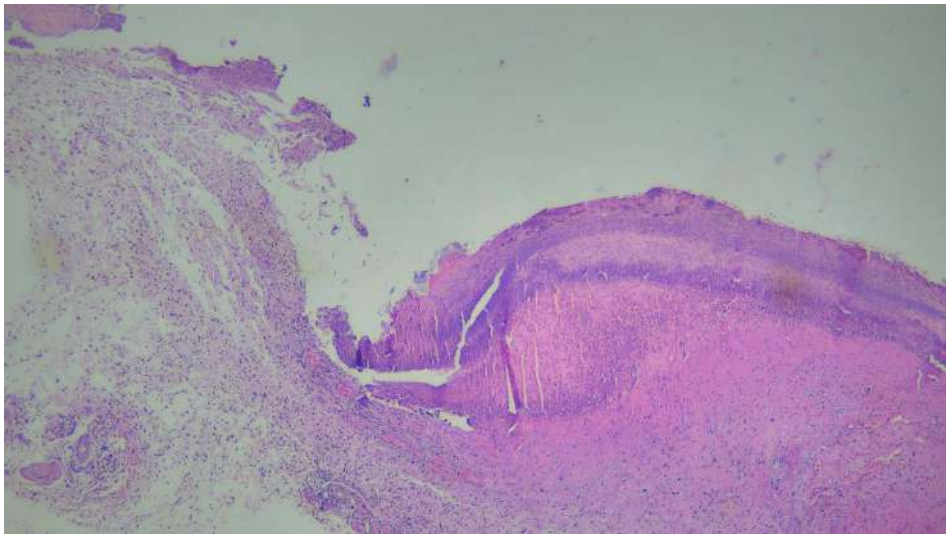

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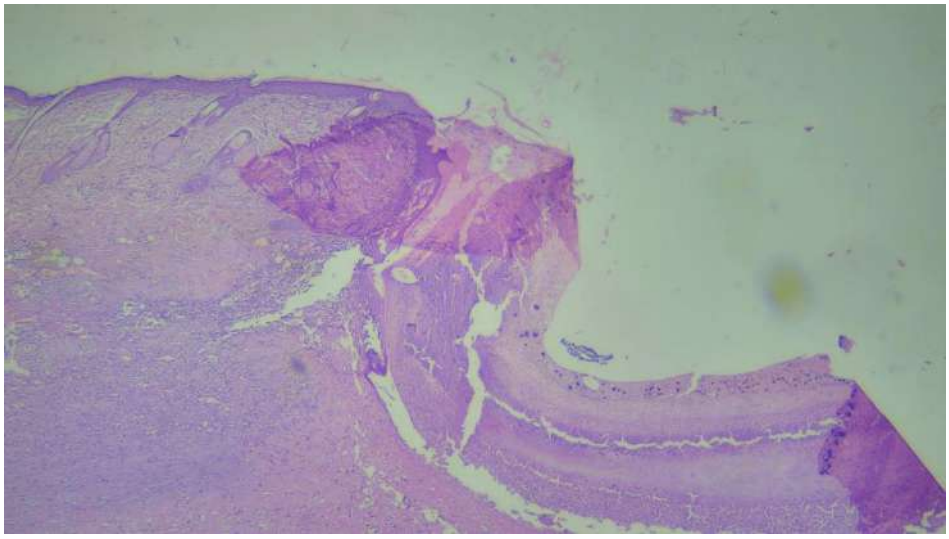

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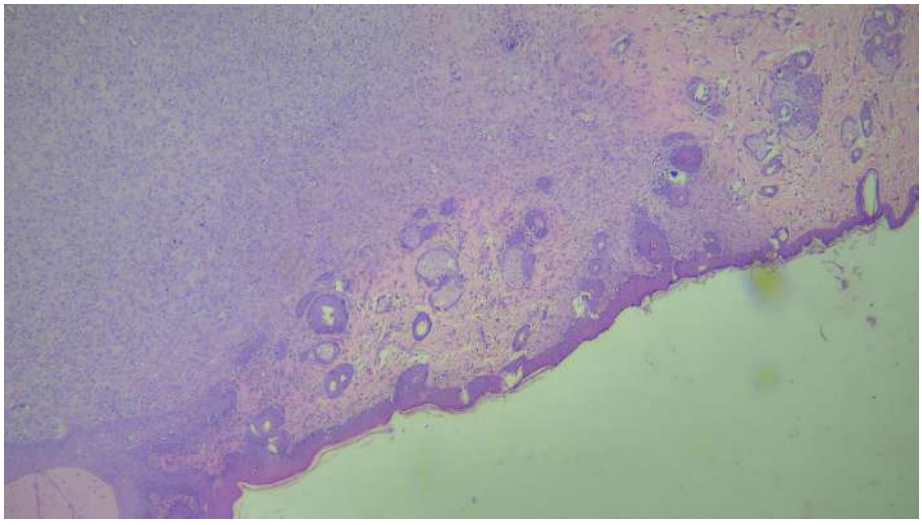

Gelatin

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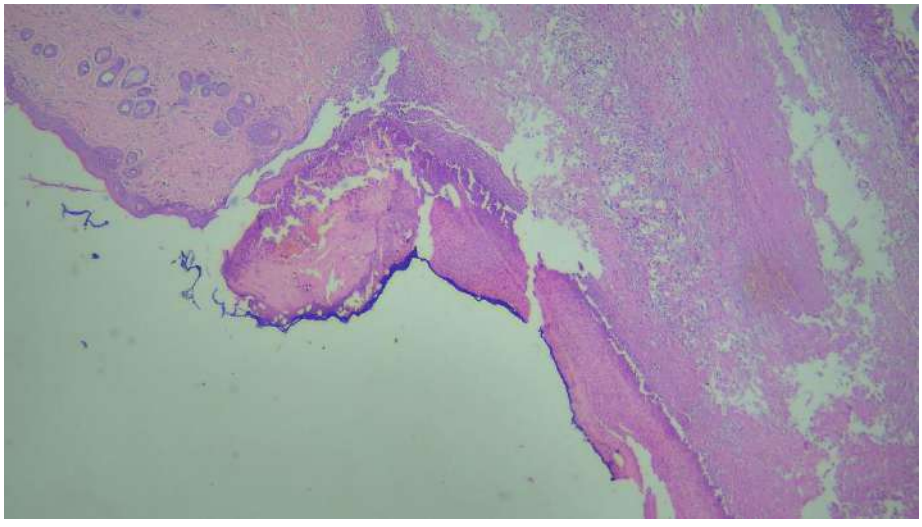

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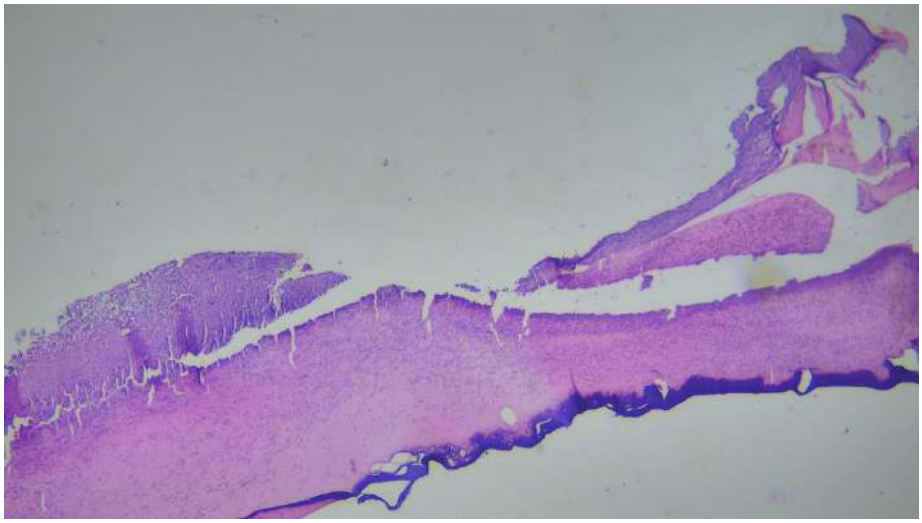

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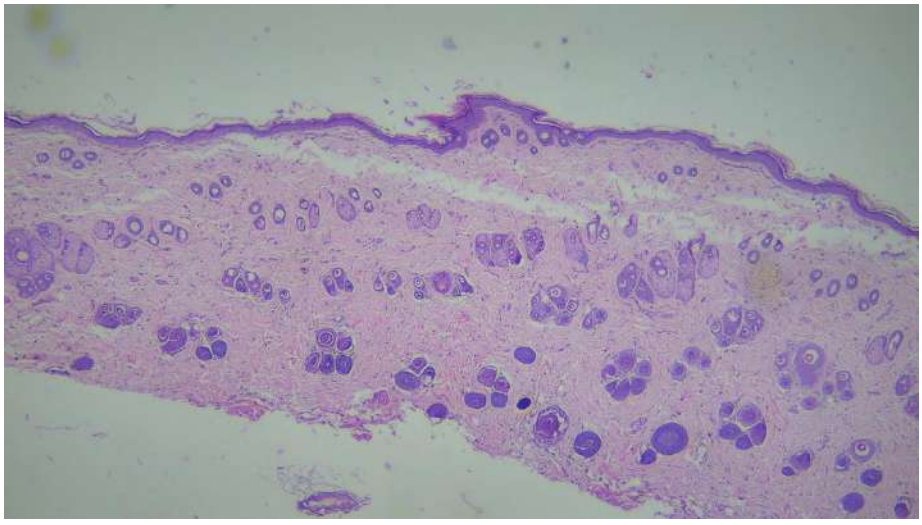

Tanpa Perlakuan

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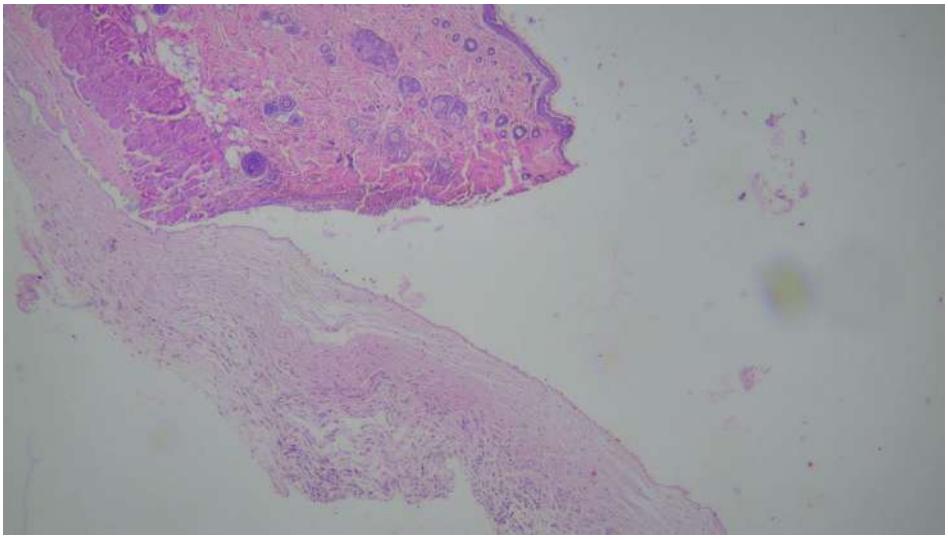

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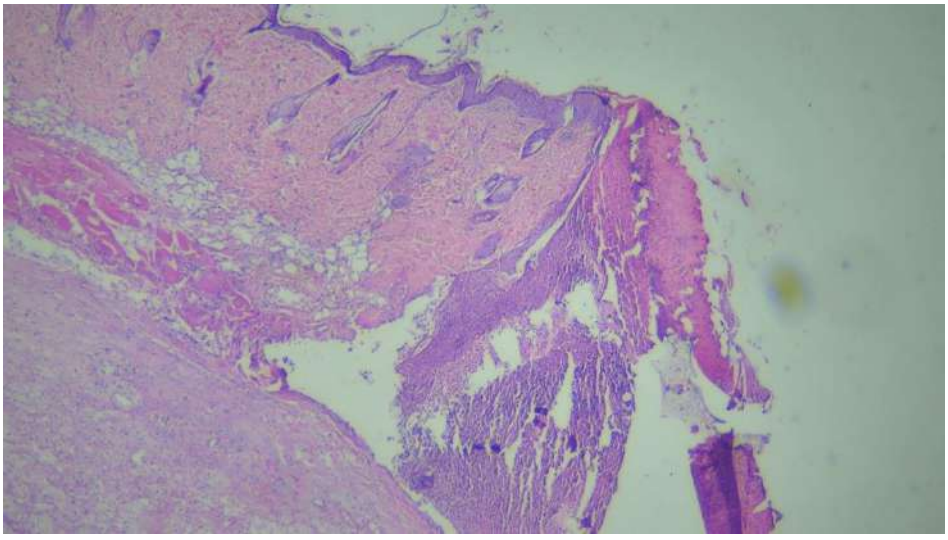

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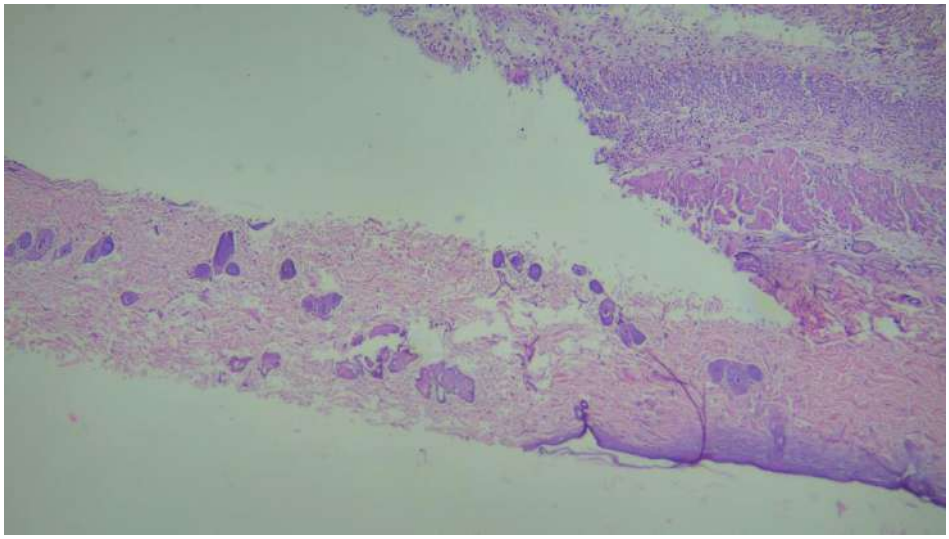

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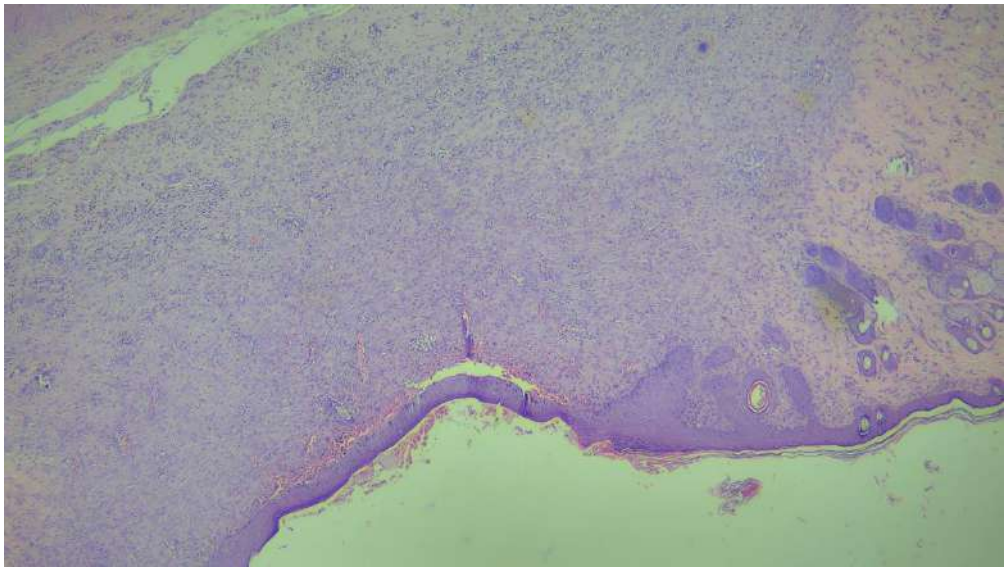

Pemeriksaan Makroskopis (Pengukuran Diameter Luka)

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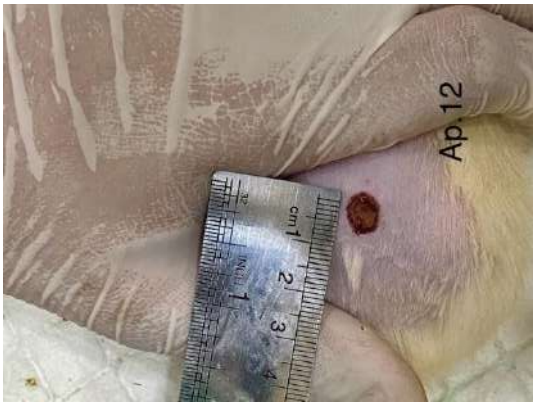
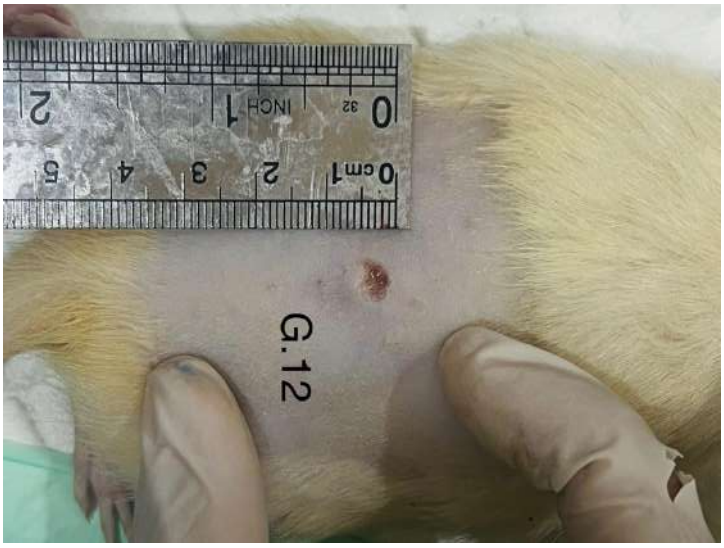
Aquadest Hari-7



Aquadest Hari-14

Gelatin Hari-2

Gelatin Hari-7



Gelatin Hari-14

Tanpa Perlakuan

Hari ke-2

Hari ke-7

Hari-14