

DAFTAR PUSTAKA

- Abbas, A. K., Lichtman, A. H., Pillai, S. 2016. *Imunologi Dasar Abbas: Fungsi dan Kelainan Sistem Imun Edisi Indonesia Kelima*. Elsevier, Singapore.
- Akram, Z., Hyder, T., Al-Hamoudi, N., Binshabaib, M. S., Alharthi, S. S., Hanif, A. 2017. Efficacy of photodynamic therapy versus antibiotics as an adjunct to scaling and root planing in the treatment of periodontitis: A systematic review and meta-analysis. *Photodiagnosis and Photodynamic Therapy*. 19: 86–92.
- Amalia, I. 2015. Identifikasi fase penyembuhan luka berbasis citra. *Jurnal Sains dan Teknologi ISTP*. 4(1): 1-7.
- Amin, L. Z. 2014. Pemilihan antibiotik yang rasional. *Medicinus*. 27(3): 40-45.
- Andayani, R., Nst, A. I., Rahimi, A. 2016. Kemampuan air rebusan daun salam (*Eugenia polyantha wight*) terhadap jumlah makrofag pada gambaran histologi periodontitis agresif (penelitian pada tikus model). *Cakradonya Dent J*. 8(2): 79–87.
- Astuti, U. D., Desnita, E., Busman, B. 2019. Uji sensitivitas beberapa antibiotika terhadap isolat kuretase pasien periodontitis yang datang ke RSGM Baiturrahmah pada tahun 2016. *B-Dent, Jurnal Kedokteran Gigi Universitas Baiturrahmah*. 4(1): 67–71.
- Bhavya, M. L., Umesh Hebbar, H. 2019. Efficacy of blue LED in microbial inactivation: Effect of photosensitization and process parameters. *International Journal of Food Microbiology*. 290: 296–304.
- Cahyani, I., Putri, G. G., 2021. Laporan kasus: perawatan splinting wire pada pasien periodontitis disertai diabetes mellitus. *Stomatognatic (J.K.G Unej)*. 18(2): 41-46.
- Carranza, M., Newman, G., Takei, H., Perry, R., Klokkevold, A., Carranza, F. 2019. *Clinical Periodontology*. EGC, Philadelphia.
- Centers for Disease Control and Prevention (CDC). *National Health and Nutrition Examination Survey 2009-2014*, CDC 2014, www.cdc.gov/nchs/nhanes.htm, Diakses pada 25 November 2021.

- Chui, C., Aoki, A., Takeuchi, Y., Sasaki, Y., Hiratsuka, K., Abiko, Y., Izumi, Y. 2013. Antimicrobial effect of photodynamic therapy using high-power blue light-emitting diode and red-dye agent on *Porphyromonas gingivalis*. *J Periodontal Res.* 48(6): 696-705.
- de Oliveira, P. G. F. P., Silveira e Souza, A. M. M., Novaes, A. B., Taba, M., Messora, M. R., Palioto, D. B., Grisi, M. F. M., Tedesco, A. C., de Souza, S. L. S. 2016. Adjunctive effect of antimicrobial photodynamic therapy in induced periodontal disease. Animal study with histomorphometrical, immunohistochemical, and cytokine evaluation. *Lasers in Medical Science.* 31(7): 1275–1283.
- do Nascimento, C. M., Cassol, T., Silva, F. S., Bonfleur, M. L., Nassar, C. A., Nassar, P. O. 2013. Radiographic evaluation of the effect of obesity on alveolar bone in rats with ligature-induced periodontal disease. *Diabetes Metab Syndr Obes.* 6: 365-370.
- Dorantes, L. C., Ayala, M. C. 2019. Skin acute wound healing: a comprehensive review. *Hindawi International Journal of Inflammation.* 2019: 1-15.
- Eke, P. I., Borgnakke, W. S., Genco, R. J. 2020. Recent epidemiologic trends in periodontitis in the USA. *Periodontology 2000.* 82(1): 257–267.
- Eroschenko, V. P. 2015. *Atlas Histologi diFiore dengan Korelasi Fungsional Edisi Keduabelas.* Lippincott Williams & Wilkins, Philadelphia.
- Gani, N., Momuat, L. I., Pitoi, M. M. 2013. Profil lipida plasma tikus wistar yang hipercolesterolemia pada pemberian gedi merah (*Abelmoschus monihot*). *Jurnal MIPA Unsrat Online.* 2(1): 44-49.
- Garcia, V. G., Longo, M., Gualberto Junior, E. C., Bosco, A. F., Nagata, M. J. H., Ervolino, E., Theodoro, L. H. 2014. Effect of the concentration of phenothiazine photosensitizer in antimicrobial photodynamic therapy on bone loss and the immune inflammatory response of induced periodontitis in rats. *J Periodont Res.* 49(5): 584-594.
- Garza, Z. C. F., Born, M., Hilbers, P. A. J., Van Riel, N. A. W., Liebmann, J. 2018. Visible blue light therapy: Molecular mechanisms and therapeutic opportunities. *Current Medicinal Chemistry.* 25(40): 5564-5577.
- Jose, Maji. 2018. *Manual of Oral Histology and Oral Pathology.* CBS

Publishers & Distributors, New Delhi.

Kemenkes. 2018. *Laporan Nasional Riskesdas 2018*. Badan Penelitian dan Pengembangan Kesehatan, Jakarta. 198.

Könönen, E., Gursoy, M., Gursoy, U. 2019. Periodontitis: A multifaceted disease of tooth-supporting tissues. *Journal of Clinical Medicine*. 8(8):1135.

Liu, Y., Qin, R., Zaat, S. A. J., Breukink, E., Heger, M. 2015. Antibacterial photodynamic therapy: overview of a promising approach to fight antibiotic-resistant bacterial infections. *Journal of Clinical and Translational Research*. 1(3): 140–167.

Mahdi, Z., Habiboallh, G., Mahbobe, N. N., Mina, Z. J., Majid, Z., Nooshin, A. 2015. Lethal effect of blue light-activated hydrogen peroxide, curcumin and erythrosine as potential oral photosensitizers on the viability of *Porphyromonas gingivalis* and *Fusobacterium nucleatum*. *Laser Therapy*. 24(2): 103–111.

Mescher, A.L. 2018. *Junqueira's Basic Histology Text and Atlas*. McGraw-Hill Education, New York.

Muthukuru, M. 2012. Technical advance: decreased helper t cells and increased natural killer cells in chronic periodontitis analyzed by a novel method for isolating resident lymphocytes. *Journal of Leukocyte Biology*. 92(3): 683-692.

Mysak, J., Podzimek, S., Sommerova, P., Lyuya-Mi, Y., Bartova, J., Janatova, T., Prochazkova, J., Duskova, J. 2014. *Porphyromonas gingivalis*: major periodontopathic pathogen overview. *Journal of Immunology Research*. 2014: 1-8.

Prasetya, R. C., Purwanti, N., Haniastuti, T. 2014. Infiltrasi neutrofil pada tikus dengan periodontitis setelah pemberian ekstrak etanolik kulit manggis. *Maj Ked Gi*. 21(1): 33–38.

Prasetya, R. C., Praharani, D., Fatimatuzzahro, N., Ermawati, T., Tsalat, F. O. N., 2021. Efek pemberian seduhan kopi robusta (*Coffea canephora*) terhadap jumlah sel makrofag dan limfosit pada model tikus periodontitis kronis. *Padjajaran Journals for Dental Researcher and Students*. 5(1): 18-23.

- Pratiwi, R. H. 2017. Mekanisme pertahanan bakteri patogen terhadap antibiotik. *Jurnal Pro-Life*. 4(3): 418–429.
- Putry, B. O., Harfiani, E., Tjang, Y. S. 2021. Systematic review: efektivitas ekstrak daun kirinyuh (*Chromolaena odorata*) terhadap penyembuhan luka studi in vivo dan in vitro. *Seminar Nasional Riset Kedokteran (Sensorik II)*. 2(1): 1-13.
- Qi, M., Li, X., Sun, X., Li, C., Tay, F. R., Weir, M. D., Dong, B., Zhou, Y., Wang, L., Xu, H. H. K. 2019. Novel nanotechnology and near-infrared photodynamic therapy to kill periodontitis-related biofilm pathogens and protect the periodontium. *Dental Materials*. 35(11): 1665–1681.
- Ridwan, E., 2013. Etika pemanfaatan hewan percobaan dalam penelitian kesehatan. *J Indon Med Assoc*. 63(1): 112–116.
- Rusminah, N., Hikmah, Z. N., Oscandar, F., 2020. Keberhasilan terapi fase inisial periodontal pada gingival enlargement pasien anak dengan hidrosefalus. *Jurnal Kedokteran Gigi Universitas Padjajaran*. 32(3): 244-249.
- Sherwood, L., 2013. *Introduction of Human Physiology Edisi Internasional*. Brooks/Cole Cengage Learning, China.
- Silva, A. F., Borges, A., Freitas, C. F., Hioka, N., Mikcha, J. M. G., Simoes, M. 2018. Antimicrobial photodynamic inactivation mediated by rose bengal and erythrosine is effective in the control of food-related bacteria in planktonic and biofilm states. *Molecules*. 23(2238): 1-18.
- Slots, J. 2017. Periodontitis: Facts, fallacies and the future. *Periodontology 2000*. 75(1): 7–23.
- Sperandio, F., Huang, Y.-Y., Hamblin, M. 2013. Antimicrobial photodynamic therapy to kill gram-negative bacteria. *Recent Patents on Anti-Infective Drug Discovery*. 8(2): 108–120.
- Sugiarti, T., Santik, Y. D. P. 2017. Kejadian periodontitis di Kabupaten Magelang. *Higeia Journal of Public Health Research and Development*. 1(4): 97–108.
- Tonetti, M. S., Greenwell, H., Kornman, K. S. 2018. Staging and grading of periodontitis: Framework and proposal of a new classification and case definition. *Journal of Periodontology*. 89(1): S159–S172.

- Utama, D. B. S., Arina, Y. M. D., Amin, M. N. 2014. Pengaruh ekstrak daun pepaya terhadap jumlah sel limfosit pada gingiva tikus wistar jantan yang mengalami periodontitis. *E-Jurnal Pustaka Kesehatan*. 2(1): 50–57.
- Wood, S., Metcalf, D., Devine, D., Robinson, C. 2006. Erythrosine is a potential photosensitizer for the photodynamic therapy of oral plaque biofilms. *Journal of Antimicrobial Chemotherapy*. 57: 680-684.
- Yasirin, A., Rahayu, S., Junaidi, S., 2014. Latihan senam aerobik dan peningkatan limfosit CD4 (kekebalan tubuh) pada penderita HIV. *Journal of Sport Sciences and Fitness*. 3(3): 1-6.
- Zahra, F., Budhiarta, A. A. G., Pangkahila, W. 2017. Pemberian ekstrak daun cincau (*Mesona palustris*) oral meningkatkan jumlah sel β pankreas dan menurunkan gula darah puasa pada tikus putih (*Rattus norvegicus*) jantan galur Wistar diabetes. *Jurnal e-Biomedik*. 5(1) 1-6.

