

## DAFTAR PUSTAKA

- Aini Zulfa Izza, Mufti Falah, S.S. 2020. Studi Literatur: Problematika Evaluasi pembelajaran Dalam Mencapai Tujuan pendidikan Di Era Merdeka Belajar. *Konferensi Ilmiah Pendidikan Universitas Pekalongan 2020*. 2020 Pp. 10–15.
- Al-Majid, A., Alassiri, S., Rathnayake, N., Tervahartiala, T., Gieselmann, D.-R. & Sorsa, T. 2018. Matrix Metalloproteinase-8 as an Inflammatory and Prevention Biomarker in Periodontal and Peri-Implant Diseases. *International Journal of Dentistry*, vol. 2018, pp. 1–27.
- Aleksandrowicz, P., Żelechowska, P., Agier, J., Starska, K., Kędzierski, K., Wysokińska-Miszczuk, J. & Brzezińska-Błaszczuk, E. 2017. Evaluation of Metalloproteinase-8 Levels in Crevicular Fluid of Patients with Healthy Implants or Periodontitis. *Mediators of Inflammation*, vol. 2017, pp. 1–7.
- Arjunan, P., Swaminathan, R., Mark, B. & Cutler, C.W. 2017. Introductory Chapter: Periodontitis - A Useful Reference. Dalam: *Periodontitis - A Useful Reference*. InTech.
- Baeza, M., Garrido, M., Hernández-Ríos, P., Dezerega, A., García-Sesnich, J., Strauss, F., Aitken, J.P., Lesaffre, E., Vanbelle, S., Gamonal, J., Brignardello-Petersen, R., Tervahartiala, T., Sorsa, T. & Hernández, M. 2016. Diagnostic accuracy for apical and chronic periodontitis biomarkers in gingival crevicular fluid: an exploratory study. *Journal of Clinical Periodontology*, vol. 43, no. 1, pp. 34–45.
- Balli, U., Cetinkaya, B.O., Keles, G.C., Keles, Z.P., Guler, S., Sogut, M.U. & Erisgin, Z. 2016. Assessment of MMP-1, MMP-8 and TIMP-2 in experimental periodontitis treated with kaempferol. *Journal of Periodontal & Implant Science*, vol. 46, no. 2, p. 84.
- Bătăiosu, M., Taisescu, C.I., Pisoschi, C.G., Pascu, E.I., Țuculină, M.J., Dăguci, L., Dăguci, C. & BaniȚă, I.M. 2015. Effects of therapy with two combinations of antibiotics on the imbalance of MMP-2÷TIMP-2 in chronic periodontitis. *Romanian journal of morphology and embryology = Revue roumaine de morphologie et embryologie*, vol. 56, no. 1, pp. 77–83.
- Desarda, H. & Gaikwad, S. 2013. Matrix Metalloproteinases & Implication in Periodontitis- A Short Review. *Journal of Dental and Allied Sciences*, vol. 2, no. 2, p. 66.
- Ebersole, J.L., Schuster, J.L., Stevens, J., Dawson, D., Kryscio, R.J., Lin, Y., Thomas, M. V. & Miller, C.S. 2013. Patterns of Salivary Analytes Provide Diagnostic Capacity for Distinguishing Chronic Adult Periodontitis from Health. *Journal of Clinical Immunology*, vol. 33, no. 1, pp. 271–279.
- Emingil, G., Atilla, G., Sorsa, T., Luoto, H., Kirilmaz, L. & Baylas, H. 2004. The Effect of Adjunctive Low-Dose Doxycycline Therapy on Clinical Parameters and Gingival Crevicular Fluid Matrix Metalloproteinase-8 Levels in Chronic Periodontitis. *Journal of Periodontology*, vol. 75, no. 1,

pp. 106–115.

- Farzam K, Nessel TA, Q.J. 2020, *Erythromycin* [Online].
- Franco, C., Patricia, H.-R., Timo, S., Claudia, B. & Marcela, H. 2017. Matrix Metalloproteinases as Regulators of Periodontal Inflammation. *International Journal of Molecular Sciences*, vol. 18, no. 2, p. 440.
- Gangbar, S., Overall, C.M., McCulloch, C.A.G. & Sodek, J. 1990. Identification of polymorphonuclear leukocyte collagenase and gelatinase activities in mouthrinse samples: Correlation with periodontal disease activity in adult and juvenile periodontitis. *Journal of Periodontal Research*, vol. 25, no. 5, pp. 257–267.
- Gonçalves, P.F., Huang, H., McAninley, S., Alfant, B., Harrison, P., Aukhil, I., Walker, C. & Shaddox, L.M. 2013. Periodontal Treatment Reduces Matrix Metalloproteinase Levels in Localized Aggressive Periodontitis. *Journal of Periodontology*, vol. 84, no. 12, pp. 1801–1808.
- Gursoy, U.K., Könönen, E., Pradhan-Palikhe, P., Tervahartiala, T., Pussinen, P.J., Suominen-Taipale, L. & Sorsa, T. 2010. Salivary MMP-8, TIMP-1, and ICTP as markers of advanced periodontitis. *Journal of Clinical Periodontology*, vol. 37, no. 6, pp. 487–493.
- Heikkinen, A.M., Raivisto, T., Kettunen, K., Kovanen, L., Haukka, J., Esmaeili, E.P., Elg, J., Gieselmann, D.-R., Rathnayake, N., Ruokonen, H., Tervahartiala, T. & Sorsa, T. 2017. Pilot Study on the Genetic Background of an Active Matrix Metalloproteinase-8 Test in Finnish Adolescents. *Journal of Periodontology*, vol. 88, no. 5, pp. 464–472.
- Izadi Borujeni, S., Mayer, M. & Eickholz, P. 2015. Activated matrix metalloproteinase-8 in saliva as diagnostic test for periodontal disease? A case–control study. *Medical Microbiology and Immunology*, vol. 204, no. 6, pp. 665–672.
- Kadek Agus Surya Dila 2012. Telaah Kritis Artikel Review Sistemik Dan Meta Analisis.
- Kapoor A, Malhotra R, Grover V, G.D. 2012. Systemic antibiotic therapy in periodontics. *Dental Research Journal*, vol. 9, no. 12, pp. 505–515.
- Kim, S., Chen, J., Cheng, T., Gindulyte, A., He, J., He, S., Li, Q., Shoemaker, B.A., Thiessen, P.A., Yu, B., Zaslavsky, L., Zhang, J. & Bolton, E.E. 2019. PubChem 2019 update: improved access to chemical data. *Nucleic Acids Research*, vol. 47, no. D1, pp. D1102–D1109.
- Konopka, Ł., Pietrzak, A. & Brzezińska-Błaszczyk, E. 2012. Effect of scaling and root planing on interleukin-1 $\beta$ , interleukin-8 and MMP-8 levels in gingival crevicular fluid from chronic periodontitis patients. *Journal of Periodontal Research*, vol. 47, no. 6, pp. 681–688.
- Kraft-Neumärker, M., Lorenz, K., Koch, R., Hoffmann, T., Mäntylä, P., Sorsa, T. & Netuschil, L. 2012. Full-mouth profile of active MMP-8 in periodontitis patients. *Journal of Periodontal Research*, vol. 47, no. 1, pp.

121–128.

- Kuula, H., Salo, T., Pirilä, E., Tuomainen, A.M., Jauhiainen, M., Uitto, V.-J., Tjäderhane, L., Pussinen, P.J. & Sorsa, T. 2009. Local and Systemic Responses in Matrix Metalloproteinase 8-Deficient Mice during Porphyromonas gingivalis-Induced Periodontitis. *Infection and Immunity*, vol. 77, no. 2, pp. 850–859.
- Lee, W., Aitken, S., Sodek, J. & McCulloch, C.A.G. 1995. Evidence of a direct relationship between neutrophil collagenase activity and periodontal tissue destruction in vivo: role of active enzyme in human periodontitis. *Journal of Periodontal Research*, vol. 30, no. 1, pp. 23–33.
- Leppilahti, J., Ahonen, M.-M., Hernández, M., Munjal, S., Netuschil, L., Uitto, V.-J., Sorsa, T. & Mäntylä, P. 2011. Oral rinse MMP-8 point-of-care immuno test identifies patients with strong periodontal inflammatory burden. *Oral Diseases*, vol. 17, no. 1, pp. 115–122.
- Leppilahti, J.M., Hernández-Ríos, P.A., Gamonal, J.A., Tervahartiala, T., Brignardello-Petersen, R., Mantyla, P., Sorsa, T. & Hernández, M. 2014. Matrix metalloproteinases and myeloperoxidase in gingival crevicular fluid provide site-specific diagnostic value for chronic periodontitis. *Journal of Clinical Periodontology*, vol. 41, no. 4, pp. 348–356.
- Leppilahti, J.M., Sorsa, T., Kallio, M.A., Tervahartiala, T., Emingil, G., Han, B. & Mäntylä, P. 2015. The Utility of Gingival Crevicular Fluid Matrix Metalloproteinase-8 Response Patterns in Prediction of Site-Level Clinical Treatment Outcome. *Journal of Periodontology*, vol. 86, no. 6, pp. 777–787.
- Loos, B.G. & Van Dyke, T.E. 2020. The role of inflammation and genetics in periodontal disease. *Periodontology 2000*, vol. 83, no. 1, pp. 26–39.
- Maciej Danielewski, Dorota Książczyńska, A.S. 2018. Non-Antibiotic Use Of Antibiotics. *Postępy Mikrobiologii - Advancements of Microbiology*, vol. 57, no. 4, pp. 301–312.
- Maazono, H., Noiri, Y., Asahi, Y., Yamaguchi, M., Yamamoto, R., Izutani, N., Azakami, H. & Ebisu, S. 2011. Antibiofilm Effects of Azithromycin and Erythromycin on Porphyromonas gingivalis. *Antimicrobial Agents and Chemotherapy*, vol. 55, no. 12, pp. 5887–5892.
- Melfianora 2019. Penulisan Karya Tulis Ilmiah dengan Studi Literatur.
- Mombelli, A., Cionca, N., Almaghlouth, A., Cherkaoui, A., Schrenzel, J. & Giannopoulou, C. 2016. Effect of Periodontal Therapy With Amoxicillin–Metronidazole on Pharyngeal Carriage of Penicillin- and Erythromycin-Resistant Viridans Streptococci. *Journal of Periodontology*, vol. 87, no. 5, pp. 539–547.
- Nazir, M.A. 2017. Prevalence of periodontal disease, its association with systemic diseases and prevention. *International journal of health sciences*, vol. 11, no. 2, pp. 72–80.
- Nurdin, I., dan Hartati, S. 2019. Metodologi Penelitian Sosial. Jatinangor: Media

Sahabat Cendekia.

- Nwhator, S.O., Ayanbadejo, P.O., Umezudike, K.A., Opedu, O.I., Agbelusi, G.A., Olamijulo, J.A., Arowojolu, M.O., Sorsa, T., Babajide, B.S. & Opedun, D.O. 2014. Clinical Correlates of a Lateral-Flow Immunoassay Oral Risk Indicator. *Journal of Periodontology*, vol. 85, no. 1, pp. 188–194.
- Patil, V., Mali, R. & Mali, A. 2013. Systemic anti-microbial agents used in periodontal therapy. *Journal of Indian Society of Periodontology*, vol. 17, no. 2, pp. 162–8.
- Rathnayake, N., Åkerman, S., Klinge, B., Lundegren, N., Jansson, H., Tryselius, Y., Sorsa, T. & Gustafsson, A. 2013. Salivary biomarkers of oral health - a cross-sectional study. *Journal of Clinical Periodontology*, vol. 40, no. 2, pp. 140–147.
- Rathnayake, N., Gieselmann, D.-R., Heikkinen, A., Tervahartiala, T. & Sorsa, T. 2017. Salivary Diagnostics—Point-of-Care diagnostics of MMP-8 in dentistry and medicine. *Diagnostics*, vol. 7, no. 1, p. 7.
- Romøren, M., Lindbaek, M. & Nordeng, H. 2012. Pregnancy outcome after gestational exposure to erythromycin - a population-based register study from Norway. *British Journal of Clinical Pharmacology*, vol. 74, no. 6, pp. 1053–1062.
- S. Shafia, Praneeth Chandluri Ganpiseti, R., Lakshmi, D.B.V.S. & Swami, and D.P.A. 2016. Erythromycin Use As Broad Spectrum Anti Biotic. *World Journal Of Pharmaceutical And Medical Research*, vol. 2, no. 6.
- Salminen, A., Gursoy, U.K., Paju, S., Hyvärinen, K., Mäntylä, P., Buhlin, K., Könönen, E., Nieminen, M.S., Sorsa, T., Sinisalo, J. & Pussinen, P.J. 2014. Salivary biomarkers of bacterial burden, inflammatory response, and tissue destruction in periodontitis. *Journal of Clinical Periodontology*, vol. 41, no. 5, pp. 442–450.
- Sandu Siyoto MA Sodik 2015. Dasar Metodologi Penelitian. Dalam: *Dasar Metodologi Penelitian*. Literasi Media Publishing. pp. 77–78.
- Sorsa, T., Hernandez-Rios, P., Hernandez, M., Tervahartiala, T., Leppilahti, J., Kuula, H., Mäntylä, P., Rathnayake, N., Nwhator, S., Heikkinen, A.M. & Garrido, M. 2016. Oral fluid matrix metalloproteinase (MMP)-8 as a diagnostic tool in chronic periodontitis. *Metalloproteinases In Medicine*, p. 11.
- 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 Clinical Periodontology*, vol. 45, no. 7, pp. S149–S161.
- Waller, D.G. & Sampson, A.P. 2018. Chemotherapy of infections. Dalam: *Medical Pharmacology and Therapeutics*. Elsevier. pp. 581–629.
- Zhou, X., Gu, D. & Hou, G. 2017. Erythromycin attenuates metalloprotease/anti-metalloprotease imbalance in cigarette smoke-induced emphysema in rats

via the mitogen-activated protein kinase/nuclear factor- $\kappa$ B activation pathway. *Molecular Medicine Reports*, vol. 15, no. 5, pp. 2983–2990.

Zhu, L., Yao, Y., Liu, J., Wang, J. & Xie, H. 2019. Expression of  $\beta$ -catenin and MMP-8 in gingival crevicular fluid and gingival tissue indicates the disease severity of patients with chronic periodontitis. *Experimental and Therapeutic Medicine*.