

DAFTAR PUSTAKA

- Aas, J., Paster, B., Stokes, L.N., Olsen, I., dan Dewhirst, F.E. 2005. Defining the Normal Bacterial Flora of Oral Cavity. *Journal Clinical Microbiol*, 43 (11): 5721-5732.
- Albandar, J. M., dan Tinoco, E. M. B. 2002. Global Epidemiology of Periodontal Diseases in Children and Young Persons. *Periodontology 2000*, 29 (1): 153–176.
- Al-Ghutaimel, H., Riba, H., Al-Kahtani, S., dan Al-Duhaimi, S. 2014. Common Periodontal Diseases of Children and Adolescents. *International Journal of Dentistry*, 2014: 1–7.
- Andrini, M., Titien, I., Rantinah, S.B. 2013. Pengaruh Aplikasi Topikal Casein Phosphopeptide Amorphous Calcium Phosphate (CPP-ACP) terhadap pertumbuhan *Streptococcus alpha* dan akumulasi plak gigi. *Jurnal Kedokteran Gigi*, 4 (4): 267-273.
- Amalia, A., Dwiyanti, R.D dan Haitami, H. 2016. Daya Hambat NaCl terhadap Pertumbuhan *Staphylococcus aureus*. *Medical Laboratory Technology Journal*, 2 (2): 42-45.
- Aravinth, V., Narayanan, M.B.A., Kumar, S.G.R., Selmavary, A.L., dan Sujatha, A. 2017. Comparative Evaluation of Salt Water Rinse with Chlorhexidine against Oral Microbes: A School-based Randomized Controlled Trial. *Journal of Indian Society of Pedodontics and Preventive Dentistry*, 35 (4): 319-326.
- Arwiyah, A., Zainuri, M., dan Efendy M. 2015. Studi Kandungan NaCl didalam Air Baku dan Garam yang Dihasilkan serta Produktivitas Lahan Garam Menggunakan Media Meja Garam yang Berbeda. *Jurnal Kelautan*, 8 (1).
- Asri, S. 2017. Pengelolaan Sumur Garam Darat di Krayan Kabupaten Nunukan. *Jurnal Riset Teknologi Industri*, 11 (2): 100-122.
- Azam A., Ahmed, A.S., Oves, M., Khan, M.S., Habib, S.S., dan Memic, A. 2012. Antimicrobial Activity of Metal Oxide Nanoparticles against Gram-positive dan Gram-negative: A Comparative Study. *International Journal of Nanomedicine* (7): 6003-6009.
- BRKP. 2006. *Buku Panduan Pengembangan Usaha Terpadu Garam dan Artemia. Pusat Riset Wilayah Laut dan Sumber Daya Non Hayati*. Badan Riset Kelautan dan Perikanan Departemen Kelautan dan Perikanan. Jakarta.

- Bautista-Gallego, J., Arroyo-López., Durán-Quintana., dan Garrido-Fernández. 2008. Individual Effects of Sodium, Potassium, Calcium, and Magnesium Chloride Salts on *Lactobacillus pentosus* and *Saccharomyces cerevisiae* Growth. *Journal of Food Protection*, 71 (7): 1412-1421.
- Barr-Agholme M., Dahllof G., Linder L., dan Modeer T. 1992. *Actinobacillus actinomycetemcomitans*, *Capnocytophaga* and *Porphyromonas gingivalis* in subgingival plaque of adolescents with Down's syndrome. *Oral Microbiol Immunol* 7: 244-248.
- Botero, J. E., Rösing, C. K., Duque, A., Jaramillo, A., dan Contreras, A. 2014. Periodontal Disease in Children and Adolescents of Latin America. *Periodontology 2000*, 67 (1): 34–57.
- Brooks, G.F, Carol, K.C, Butel, J.S, Morse S.A, dan Mietzner T.A. 2013. *Jawetz, Melnick & Adelberg Medical Microbiology 26th edition*. US: The Mc Graw-Hill Companies.
- Burhanudin B. 2001. *Strategi Pembangunan Industri Garam di Indonesia*. Yogyakarta: Penerbit Kanisius.
- Cooper, R.A. 2007. Iodine Revisited. *International Wound Journal*, 4 (2): 124-137.
- Coykendall, A.L. 1989. Classification and Identification of the Viridans Streptococci. *Clinical Microbiology Reviews*, 2(3): 315-328.
- Darveau, R.P., Tanner, A., dan Page, R.C. 1997. The Microbiol Challenge in Periodontitis. *Periodontol 2000*, 14: 12-32.
- Dizaj, S. M., Lotfipour, F., Barzegar-Jalali, M., Zarrintan, M. H., dan Adibkia, K. 2014. Antimicrobial activity of the metals and metal oxide nanoparticles. *Materials Science and Engineering: C* (44): 278–284.
- Dwipriastuti, D., Putranto, R.R., dan Anggarani, W. 2017. Perbedaan Efektivitas Chlorhexidine Glukonat 0,2% dengan The Hijau (*Camellia sinensis*) terhadap jumlah *Porphyromonas gingivalis*. *Odonto Dental Jurnal* 4 (1): 50-54.
- Fomete, B., Saheeb, B.D., dan Obiadazie, A.C. 2015. A prospective Clinical Evaluation of the Effects of Chlorhexidine, Warm Saline Water Washes and Microbial Growth on Intraoral Sutures. *Journal Maxillofacial and Oral Surgeries* 14 (2): 448-453.
- Frandsen, E.V.G., Pedrazolli, V., dan Kilia, M. 1991. Ecology of Viridans Streptococci in the Oral and Pharynx. *Oral Microbiology and Immunology*, 6 (3): 129-133.
- Gandhi, A., Cui, Y., Zhou, M., dan Shah, N. P. 2014. Effect of KCl substitution on bacterial viability of *Escherichia coli* (ATCC 25922) and selected probiotics. *Journal of Dairy Science*, 97 (10): 5939–5951.

- Gries, C. M., Bose, J. L., Nuxoll, A. S., Fey, P. D., dan Bayles, K. W. 2013. The Ktr Potassium Transport System in *Staphylococcus aureus* and its Role in Cell Physiology, Antimicrobial Resistance and Pathogenesis. *Molecular Microbiology*, 89 (4): 760-773.
- Gröber, U., Schmidt, J., dan Kisters, K. 2015. Magnesium in Prevention and Therapy. *Nutrients*, 7 (9): 8199–8226.
- Harti, AS. 2015. Mikrobiologi Kesehatan: Peran Mikrobiologi dalam Bidang Kesehatan 1st ed. Yogyakarta: Penerbit Andi.
- Haydari, M., Bardakci A.G., Koldslund, O.C., Aass, A.M., Sandvik, L., dan Preus, H.R. 2017. Comparing the effect of 0,06%-, 0,12% and 0,2% Chlorhexidine on plaque, bleeding and side effects in an experimental gingivitis model: a parallel group, double blinded randomized clinical trial. *BMC Oral Health*, 17 (1): 1-8.
- Hendrayanti, M.W dan Listiana, K.I. 2014. Paparan Zat Besi pada Ekspresi Protein Spesifik Extraceluler Polymeric Substance Biofilm Aggregatibacter actinomycetemcomitans. *Dental Journal*, 47 (2): 103-109.
- Herman H., dan Rusli R. 2012. Analisis kandungan garam gunung asal Krayan Kabupaten Nunukan Kalimantan Timur. *Journal Tropical Pharmacy and Chemical* 1 (4): 283-288.
- Highfield, J. 2009. Diagnosis and classification of periodontal disease. *Australian Dental Journal*, 54 (1): S11–S26.
- Holmstrup, P., Plemons, J., dan Meyle, J. 2018. Non-plaque-induced gingival diseases. *Journal of Periodontology*, 89, S28–S45.
- Hwang, S.Y dan Tan, K.K. 2007. Streptococcus viridans Has a Leading Role in Rhinosinusitis Complications. *Annals of Otolaryngology and Laryngology*, 116 (5): 381-385.
- Kan, K., Chen, J., Kawamura, S., dan Koseki, S. 2018. Characteristics of d-Tryptophan as an Antibacterial Agent: Effect of Sodium Chloride Concentration and Temperature on *Escherichia coli* Growth Inhibition. *Journal of Food Protection*, 81 (1): 25–30.
- Kaur, A., Gupta, N., Baweja, D.K., dan Simratvir, M. 2014. An Epidemiological Study to Determine the Prevalence and Risk Assesment of Gingivitis in 5-12-and 15-year-old Children of Rural and Urban Area of Panchkula (Haryana). *Indian Journal of Dental Research*, 25(3): 294-299.

- Kementrian Kesehatan RI. 2019. Laporan Nasional Riskesdas 2018. *Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan RI*. Jakarta: Lembaga Penerbit Penelitian dan Pengembangan Kesehatan.
- Kinane, D. F., Stathopoulou, P. G., dan Papapanou, P. N. 2017. Periodontal diseases. *Nature Reviews Disease Primers*, 3 (17038).
- Koch, G., Poulsen, S., Espelid, I., dan Haubek, D. 2016. Chapter 14. Periodontal Conditions. *Pediatric Dentistry-a Clinical Approach 3rd Ed*. Wiley-Blackwell.
- Kumar, S. 2019. Evidence-Based Update on Diagnosis and Management of Gingivitis and Periodontitis. *Dental Clinics of North America*.
- Kurniawati, D. 2011. Efektivitas Berkumur dengan Air Garam Hangat 2% terhadap Gingivitis. *Jurnal Ilmu-ilmu Kesehatan Surya Medika*, 7(2): 49-56.
- Lachapelle, J-M., Castel, O., Casado, A.F., Leroy, B., Micali, G., Tennstedt, D., dan Lambert. 2013. Antiseptics in the Era of Bacterial Resistance: A Focus on Povidone iodine. *Clin.Pract* 10 (5): 579-592.
- Lamont, R.J., Burne, R.A., Lantz, M.S., dan Leblanc, D.J. 2006. *Oral Microbiology and Immunology*. Washington DC: ASM Press.
- Manson, J.D., dan Eley, B.M. 2012. *Buku Ajar Periodonti (terj)*, Edisi 2, Jakarta: Penerbit Hipokrates.
- Marsh, P.D dan Martin, M.V. 2009. *Oral Microbiology*, 5th ed, London: Churcill Livingston Elsevier.
- Marsh, P.D. 2004. Dental Plaque as Microbial Biofilm. *Journal Caries Research*, 38 (3): 204-211.
- Mcdonal R.E., Avery D.R., dan Weddel, J.A. 2000. Gingivitis and Periodontal Disease In: Sokolowski. *Dentistry for the Child and Adolescent*. 9th Ed. St. Louis Missouri: Mosby Elsevier.
- Menon, T. 2016. Understanding the viridans group streptococci: are we there yet?. *Indian Journal of Medical Microbiology*, 34 (4): 421-426.
- Morinushi, T., Lopatin, D.E., Poperin, N.V., dan Ueda, Y. 2000. The Relationship between Gingivitis and Colonization by Porphyromonas gingivalis and Antinomycetemcomitans in Children. *Journal of Periodontology*, 71 (3): 403-409.
- Müller, H.D., Eick, S., Moritz, A., Lussi, A., dan Gruber, R. 2017. Cytotoxicity and Antimicrobial Activity of Oral Rinses in Vitro. *BioMed Research International* 2017: 1-9.

- Murakami, S., Mealey, B. L., Mariotti, A., dan Chapple, I. 2018. Dental plaque-induced gingival conditions. *J Periodontol*, 89: S17–S27.
- Newman, M.G., Takei, H.H., dan Carranza, N.T. 2012. *Carranza's Clinical Periodontology (11th Ed)*. St. Louis, Missouri: Saunders Elsevier.
- Nurul, D. 2002. Infeksi dalam Bidang Periodonsia. *Jurnal Kedokteran Gigi Universitas Indonesia* 2002: 14-16.
- Opstrup M.S., Jemec G.B.E., Garvey L.H. 2019. Chlorhexidine Allergy: On the Rise and Often Overlooked. *Current Allergy and Asthma Report* 19: 23.
- Oren, A. 2008. Microbial Life at High Salt Concentrations: Phylogenetic and Metabolic Diversity. *Saline Systems* 4 (2).
- Padmavathy, N., dan Vijayaraghavan, R. 2008. Enhanced bioactivity of ZnO nanoparticles—an antimicrobial study. *Science and Technology of Advanced Materials*, 9(3).
- Pari, A., Ilango, P., Subbareddy, V., Katamreddy, V., dan Parthasarthy, H. 2014. Gingival Diseases in Childhood-A Review. *Journal of Clinical and Diagnostic Research*, 8 (10): ZE01-ZE04.
- Pelczer M.J dan Chan E.S.C. 2008. *Dasar-dasar Mikrobiologi. Terjemahan Ratna SH., Teja I.* Jakarta: Penerbit Universitas Indonesia.
- Pemberton M.N., Gibson J. 2013. Chlorhexidine and Hypersensitivity Reactions in Dentistry. *British Dental Journal* 213 (11): 547-550.
- Puspita, D.A., Agustini, T.W., dan Purnamayati, L. 2019. Pengaruh Perbedaan Konsentrasi Garam terhadap Kadar Asam Glutamat pada Bubuk Bekasam Ikan Lele (*Clarias batracus*). *Jurnal Teknologi Pangan* 3(1): 110-115.
- Quirynen, M., Dadamio, J., dan Van den Velde S. 2009. Characteristics of 2000 patients who visited a halitosis clinic. *J Clinical Periodontol*. 36: 970–975.
- Rahim, M. I., Eifler, R., Rais, B., dan Mueller, P. P. 2015. Alkalization is responsible for antibacterial effects of corroding magnesium. *Journal of Biomedical Materials Research Part A*, 103(11): 3526–3532.
- Rahmadina, D dan Marlindayanti, M. 2020. Efektifitas Berkumur dengan Larutan 10% terhadap Penurunan Skor Plak. *Jurnal Kesehatan Gigi dan Mulut* 2(1): 45-58.
- Reynolds-Campbell, G., Nicholson, A., dan Thoms-Rodriguez, C-A. 2017. Oral Bacterial Infections. *Dental Clinics of North America*, 61(2): 305-318.

- Riedel, S., Morse, S.A., Mietzner, T., dan Miller, S. 2019. *Jawetz, Melnick and Adelberg Medical Microbiology* (28th Ed.). New York: McGraw-Hill Books Companies Inc.
- Rimbiyastuti, H., Suwarsono dan Julianto, A.Y. 2016. Pengaruh Konsentrasi Larutan Garam Beryodium (NaCl) terhadap Daya Hambat Bakteri Streptococcus mutans. *Jurnal Kesehatan Gigi* 03(1): 30-33.
- Samaranayake, L. 2012. *Essential microbiology for dentistry* (4th Ed). London: Churchill Livingstone Elsevier.
- Savitt, E.D., dan Kent R.L. 1991. Distribution of Actinobacillus actinomycetemcomitans and Porphyromonas gingivalis by subject age. *Journal of Periodontol* 62: 490-494.
- Shibly, O., Rifai, S., dan Zambon, J.J. 1995. Supragingival dental plaque in the etiology of oral diseases. *Periodontology* 2000, 8(1), 42–59.
- Sholekhah N.K. 2020. Efektifitas Berkumur Larutan Garam terhadap Jumlah Koloni Streptococcus mutans dalam Saliva. *Jurnal Kesehatan Gigi*, 8(1): 16-21.
- Sinaredi, B.R., Pradopo, S., dan Wibowo, dan T.B. 2014. Daya Antibakteri Obat Kumur Chlorhidine, Povidone Iodine, Flouride Suplementasi Zinc terhadap Streptococcus mutans dan Porphyromonas gingivalis. *Dental Journal, Majalah Kedokteran Gigi*, 47(4): 211-214.
- Sudargo, T., Kusmayanti, N.A., dan Hidayati, N.L. 2015. *Defisiensi Yodium, Zat Besi dan Kecerdasan*. Yogyakarta: UGM Press.
- Surjowardojo, P., Susilorini, T.E., dan Sirait, G.R.B. 2015. Daya hambat dekok kulit apel manalagi terhadap pertumbuhan Staphylococcus aureus dan Pseudomonas sp. penyebab mastitis pada sapi perah. *Jurnal Ternak Tropika* 16 (2): 40-48.
- Sulistyaningsih, T., Sugiyo W., dan Sedyawati, S.M.R. 2010. Pemurnian garam dapur melalui metode kristalisasi air tua dengan bahan pengikat Na₂C₂O₄ -NaHCO₃ dan Na₂C₂O₄ – Na₂CO₃. *Jurnal Kimia fmipa Unnes* 8 (1): 26-33.
- Suwandi, T. 2012. Pengembangan Potensi Antibakteri Kelopak Bunga Hibiscus Sabdariffa L. (Rosela) Terhadap Sterptococcus Sanguinis Penginduksi Gingivitis Menuju Obat Herbal. Disertasi Program Doktor Ilmu Kedokteran Gigi: Universitas Indonesia.
- Takenaka, S., Ohsumi, T dan Noiri, Y. 2019. Evidence Base Strategy for Dental Biofilm. Current Evidence of Mouthwashes on Dental Biofilm and Gingivitis. *Japanese Dental Science Review*, 55(1): 33-40.

- Tam, A., Shemesh, M., Wormser, U., Sintov, A., dan Steinberg, D. 2006. Effect of Different Iodine Formulations on the Expression and Activity of Streptococcus mutans Glucosyltransferase and Fructosyltransferase in Biofilm and Planktonik Environment. *Journal of Antimicrobial Chemotherapy*, 57: 865-871.
- Tartaglia, G.M., Kumar, S., Fornari, F.D., Corti, E dan Connely, S.T. 2017. Mouthwash in the 21st Century: A Narrative Review about Active Molecules and Effectiveness on the Periodontal Outcomes. *Expert Opinion on Drugs Delivery*, 4 (8): 973-982.
- Tonetti, M.S., Chapple, I.L.C., Jepsen, S., dan Sanz, M. 2015. Primary and secondary prevention of periodontal and peri-implant diseases. *J Clin Periodontol*. 42 (Suppl. 16):S1-S4.
- Trombelli, L., Farina, R., Silva, C.O., dan Tatakis, D.N. 2018. Plaque-induced Gingivitis: Case Definition and Diagnostic Considerations. *Journal of Clinical Periodontology*; 45 (Suppl 20): S44-S67.
- Trombelli, L., Scapoli, C., Orlandini, E., Tosi, M., Bottega, S., dan Tatakis, D.N. 2004. Modulation of clinical expression of plaque-induced gingivitis. III. Response of “high responders” and “low responders” to therapy. *J Clin Periodontol*, 31:253–259.
- Tunkel, A.R dan Sepkowitz, K.A. 2002. Infection Caused by Viridans Streptococci in Patients with Neutropenia. *Clinical Infectious Disease*, 34: 1524-1529.
- Yuce, H.B., Tulu, F., dan Karaman, I. 2017. Antibacterial Effect of Various Chemical Agents on Aggrebacter actinomycetemcomitans. *Journal of Clinical and Analytical Medicine*, 8 (suppl 2): 182-185.
- Zamora, J.L. 1986. Chemical and Microbiologic Characteristics and Toxicity of Povidone-iodine Solutions. *The American Journal of Surgery*, 151: 400-406.
- <https://travel.detik.com/domestic-destination/d-4775491/garam-di-krayan-dari-gunung-bukan-dari-laut>