

DAFTAR PUSTAKA

- Aditama, P., Sunarintyas, S., dan Widjijono, 2015, Pengaruh Jenis dan Volumetrik *Fiber* terhadap Kekuatan Transversal Reparasi Plat Resin Akrilik, *Maj Ked Gi Ind.*, 1(1) : 102 – 108.
- Afzha, R., Chatterjee, A., Subbaiah, S., Khrisna, P., and Avani, R., 2016, Microbial Contamination of Contact Lenses After Scaling and Root Planing Using Ultrasonic Scalers With and Without Protective Eyewear: A Clinical and Microbiological Study, *J Indian Soc Periodontol*, 20(1) : 273-278.
- Aliasghari, A., Khorasganai, M.R., Vaezifar, S., Rahimi, F., Younesi, H., and Khouroushi, M., 2016, Evaluation of Antibacterial Efficiency of Chitosan and Chitosan Nanoparticles on Cariogenic Streptococci : an in Vitro Study, *Iran. J. Microbiol.*, 8(2) : 93-100.
- Baiju, A., Chatterjee, Sonia, S., Bose, W., and Rohan, S., 2012, Hand Vs Ultrasonic Instrumentation: A Review, *Journal of Dental Sciences & Oral Rehabilitation*, 1(1) : 16-21.
- Bains, V.K., Mohan, R., and Bains, R., 2008, Application of Ultrasound in Periodontics: Part 1, *J Indian Soc Periodontal*, 12(2) : 29-33.
- Balagopal, S., and Arjunker, R., 2013, Chlorhexidine: The Gold Standard Antiplaque Agent, *J.Pharm.Sci.&Res.*, 5(12) : 270-274.
- Barocchi, Michele, A., Telford, and John, L., 2014, *Bacterial Pili: Structure, Synthesis and Role in Disease*, CABI Publishing, Oxfordshire, 23.
- Bassett, J.M., Samples, O.M., and Beal, A.D., 2018, *Workbook for McCurnin's Clinical Textbook for Veterinary Technicians*, 9th ed, Elsevier, Canada, 25.
- Berne, C., Ducret, A., Hardy, G.G., Brun, and Yves, V., 2015, Adhesins Involved in Attachment to Abiotic Surfaces by Gram-Negative Bacteria, *Microbiol Spectr.*, 3(4) : 1-4.
- Bohra, P., Kumar, P.R., Ganesh, R., Madan, M., Ebenezer, A.V., and Rajesh, G., Sivakumar, 2015, Colour Stability of Heat and Cold Cure Acrylic Resins, *Journal of Clinical and Diagnostic Research*, 9(1) : 12-15.
- Carvalho, M.M.S.G., Stamford, T.C.M., Santos, E.P., Tenorio, P., and Sampaio, F., 2011, Chitosan as an Oral Antimicrobial Agent, *FORMATEX*, 542.
- Casarin, R.C.V., Ribeiro, F.V., Sallum, A.W., Sallum, E.A., Nociti, F.H., and Casati, M.Z., 2009. Root Surface Defect Produced by Hand Instruments

and Ultrasonic Scaler with Different Power Settings: An In Vitro Study. *Braz. Dent. J.*, 20(1) : 996-1000.

Callahan, J.E., Munro, C.L., and Kitten, T., 2011, The *Streptococcus sanguinis* Competence Regulon is Not Required for Infective Endocarditis Virulence in a Rabbit Model, *PloS One*, 6(10) : 26.

Chetrus, Viorica, and Ion, I.R., 2013, Dental Plaque- Classification, Formation, and Identification, *International Journal of Medical Dentistry*, 3(2) : 139-143.

Costa, E.M., Silva, S., Pina, C., Tavarina, F.K., and Pintado, M., 2014, Antimicrobial Effect of Chitosan against Periodontal Pathogens Biofilms, *SOJ Microbiol Infect Dis*, 2(1) : 1-6.

Damayanti, W., Rochima, E., dan Hasan, Z., 2016, Aplikasi Kitosan sebagai Antibakteri pada Filet Patin selama Penyimpanan Suhu Rendah, *JPHPI*, 19(3) : 321-328.

Darby, M.L., and Walsh, M., 2015, *Dental Hygiene, 4th Edition*, Elsevier, Missouri, 292.

Darmadi, 2008, *Infeksi Nosokomial : Problematika dan Pengendaliannya*, Salemba Medika, Jakarta, 129.

Depkes, 2014, *InFoDATIN: Pusat Data dan Informasi Kementerian Kesehatan RI*, Kementerian Kesehatan RI, Jakarta, 1-8.

Devishree, R.A., 2015, Effect of Ultrasonic Scalers on Dental Plaque and Microbial Count, *J.Pharm. Sci. & Res.*, 7(9) : 755-756.

Dompeipen, E.J., Kaimudin, Marni, D., dan Riardi, P., 2016, Isolasi Kitin dan Kitosan dari Limbah Kulit Udang, *Majalah BIAM*, 12(1) : 32-38.

Felver, D.C., King, S.C., Lea, G.J., Price, and Walmsley, A.D., 2009, Cavitation Occurrence Around Ultrasonic Dental Scalers, *Ultrason Sonochem.* 16(1) : 692-697.

Ge, X., Kitten, T., Chen, Z., Lee, Sehmi, P., Munro, Cindy, L., and Xu, P., 2008, Identification of *Streptococcus sanguinis* Genes Required for Biofilm Formation and Examination of Their Role in Endocarditis Virulence, *Infection and Immune Journal*, 76(6) : 2551- 2559.

Goy, R.C., Britto, D., and Assis, O.B.G., 2009, A Review of the Antimicrobial Activity of Chitosan, *Polimeros*, 19(3) : 241-247.

- Gurenlian, J.R., 2017, The Role of Dental Plaque Biofil in Oral Health, *Journal of Dental Hygiene*, 81(5) : 1-11.
- Harjanti, R.S., 2014, Kitosan dari Limbah Udang sebagai Bahan Pengawet Ayam Goreng, *Jurnal Rekayasa Proses*, 8(1) : 12-21.
- Hayati, M., Herman, H., dan Rezano, A., 2014, Peran Immunoglobulin A (SigA) dalam Menghambat Pembentukan Biofilm Streptokokus Mutans pada Permukaan Gigi, *Dentika Dental Journal*, 18(2) : 199-203.
- Hidayat, S., Hanum, Farichah, A.K., Ade, dan Ismail, 2015, Efektivitas Daya Hambat dan Daya Bunuh Bakteri Ulkus Traumatikus pada Mukosa Mulut dengan Berbagai Konsentrasi Propolis (*Trigona Sp.*), *Medali Jurnal*, 2(1) : 78-83.
- Hung, H., Te, Y., Qing, Dong, L., and Chern, H., 2016, Comparison of The Adhesion of *Streptococcus sanguinis* to Commonly Used Dental Alloys Stratified by Gold Content, *Journal of Dental Sciences*, 11(1) : 437-442.
- Ina, S., 2017, Efek Kitosan Ekstrak Kulit Udang Galah terhadap Adhesi *Streptococcus sanguinis* ATCC 10556 pada Sel Epitel Mukosa Bukal *in Vitro*, *Skripsi*, Fakultas Kedokteran Gigi Universitas Gadjah Mada, Yogyakarta, 31-36.
- Joyce, E., Al-Hashimi, A., and Mason, T.J., 2011, Assessing The Effect of Different Ultrasonic Frequencies on Bacterial Viability Using Flow Cytometry, *Journal of Applied Microbiology*, 10 (1) : 862-870.
- Junior, S., Stamford, Lima, A., and Pintado, S., 2008, Characterization and Inhibitory Activity of Chitosan on Hyphae Growth and Morphology of *Botrytis Cinerea* Plant Pathogen, *International Journal of Applied Research in Natural Products*, 7 (4) : 31-38.
- Kemal, Y., Lesang, R., Natalina, B., Boy, Muchlis, M., dan Lukman, H., 2012, Analisis Morfologi Koloni dan Keragaman Genotip *Streptococcus sanguinis* yang Berasal dari Plak Gigi dan Saliva Penderita Penyakit Jantung Koroner, *Dentika Dental Journal*, 17(2) : 153-156.
- Killay, A., 2013, Kitosan sebagai Anti Bakteri pada Bahan Pangan yang Aman dan Tidak Berbahaya (Review), Prosiding FMIPA Universitas Pattimura, Ambon, 2.
- Lea, S.C., Felver, G. Landini, A.D., and Walmsley, 2009, Ultrasonic Scaler Probe Oscillations and Tooth Surface Defects, *J. Dent. Res.*, 88(2) : 229-234.
- Maghfirah, F., Saputri, D., dan Basri, 2017, Aktivitas Pembentukan Biofilm

Streptococcus Mutans dan *Candida Albicans* Setelah Dipapar dengan *Cigarette Smoke Condensate* dan Minuman Probiotik, *Journal Caninus Dentistry*, 2(1) : 12-19.

Marsh, P.D., and Martin, M.V., 2009, *Oral Microbiology, 4th Ed.*, Elsevier, Eddinburgh, 74-100.

Marya, C.M., 2011, *A Textbook of Public Health Dentistry*, Jaypee Brother Medical Publishers, New Delhi, 306-307.

McCabe, John, F., and Walls, A., 2008, McCabe JF, Walls AWG. *Applied Dental Materials, 9th Edition*, Blackwell Publishing, Oxford, 163-171.

Mounika, S., Jagannathan, N., and Murali, 2015, Association of *Streptococcus mutants* and *Streptococcus sanguis* in Act of Dental Caries, *J. Pharm. Sci. & Res.*, 7(9) : 764-766.

Mourouzis, C., Boynton, A., and Grant, J., 2009, Cutaneous Head and Neck Sccs and Risk of Nodal Metastasis—Uk Experience. *J Craniomaxillofac Surg*, 37(1) : 443.

M.S., Hossain, A. and Iqbal, 2016, Effect of Shrimp Chitosan Coating on Postharvest Quality of Banana (*Musa sapientum* L.) fruits, *International Food Research Journal*, 23(1) : 277-283.

Murwani, S., 2015, *Dasar-Dasar Mikrobiologi Veteriner*, UB Press, Malang, 32-34.

Newman, M.G., Takei, H.H., Klokkevold, P.R., and Carrazan, F.A., 2012, *Carranzan's Clinical Periodontology, 10th Ed.*, Mosby Elsevier, St. Louis, 217.

Nuryanti, A., Soesatyo, M.H.N.E., Agustina, D., and Sunarintyas, S., 2015, The Effects of Ultrasonic Scaling Duration and Replication on Caspase-3 Expression of Sprague Dawley Rat's Pulp Cells, *Dent. J. (Majalah Kedokteran Gigi)*, 48(1) : 48–52.

Oh, S., 2010, *Streptococcus sanguinis*, https://microbewiki.kenyon.edu/index.php/Streptococcus_sanguinis, diunduh pada Jumat, 23 Maret 2018.

Okahashi, N., 2011, Pili of Oral *Streptococcus sanguinis* Bind to Fibronectin and Contribute to Cell Adhesion, *Biochem. Bioph. Res. Co.*, 391(2) : 1192-1196.

Okahashi, N., Nakata, M., Terao, Y., Isoda, R., Sakurai, A., Sumitomo, T.,

- Yamaguchi, M., Kimura, R.K., and Olike, E., 2011, Pili of Oral *Streptococcus sanguinis* Bind to Salivary Amylase and Promote the Biofilm Formation, *Microb. Pathog*, 50(3) : 148-154.
- Ota-Tsuzuki, Claudia, M., Fernanda, L., Giorgetti, A., Paula, O., Freitas, Patricia, M., Duarte, and Poliana, M., 2009, In Vitro Adhesion of *Streptococcus sanguinis* to Dentine Root Surface After Treatment with Er:Yag Laser, Ultrasonic System, or Manual Curette, *Photomedicine and Laser Surgery*, 27(5) : 735-741.
- Paramashivaiah, R. and Prabhuji, M.L.V., 2013, Mechanized Scaling with Ultrasonics: Perils and Proactive Measures, *Journal of Indian Society of Periodontology*, 17(4) : 423-428.
- Pradana, D., Suryanto, dan Dwi, Y., 2013, Uji Daya Hambat Ekstrak Kulit Batang *Rhizophora Mucronata* terhadap Pertumbuhan Bakteri *Aeromonas Hydrophila*, *Streptococcus Agalactiae* dan Jamur *Saprolegnia* Sp., *J. Aquacoastmarine*. 2(1) : 78-92.
- Pramesti, H. and Tjaturina, 2016, *Streptococcus sanguinis* as An Opportunistic Species in Human Oral Cavity : Adherence, Colonization, and Invasion, *Padjadjaran Journal of Dentistry*, 28(1) : 45-52.
- Rafaat, D. and Sahl, H., G., 2009, Chitosan and Its Antimicrobial Potential – A Critical Literature Survey, *Microb. Biotech.*, 2(1) : 186-201.
- Rajendran, R., Radhai, R., Kotresh, T.M., and Csiszar, E., 2013, Development Of Antimicrobial Cotton Fabrics Using Herb Loaded Nanoparticles, *Carbohydr Polym*, 9(2) : 613–617.
- Reddy, S., 2008, *Essentials of Clinical Periodontology*, Jaypee Brothers Medical Publisher, New Delhi, 65-68.
- Riwandy, A., Aspriyanto, Didit, B., dan Lia, Y., 2014, Aktivitas Antibakteri Ekstrak Air Kelopak Bunga Rosella (*Hibiscus Sabdariffa* L.) terhadap Pertumbuhan *Streptococcus mutans* In Vitro, *Dentino Jurnal Kedokteran Gigi*, 2(1) : 60-65.
- Safitri, C.I., Soeroso, Y., Sunarto, H., Pontoh, D.S., and Bachtiar, B., 2017, Association of Salivary Count of *Streptococcus sanguinis* with the Periodontal Status of Coronary Heart Disease Patients: A Quantitative Study, *Journal of International Dental and Medical Research*, 10(1) : 782-784.
- Safotra, E., Rizki, B., dan Rochmadi, 2015, Optimasi dan Pemodelan Matematis Deasetilasi Kitin Menjadi Kitosan Menggunakan KOH, *Jurnal Rekayasa*

Proses, 9(1) : 16-21.

Sakaguchi, R. and Powers, J., 2012, *Craig's: Restorative Dental Material. Ed 13th*, St Louis, Elsevier, 270-9.

Tayel, A.A., Moussa, S., El-Tras, W.F., Knittel, D., Opwis, K., and Schollmeyer, E., 2010, Anticandidal Action of Fungal Chitosan Against *Candida Albicans*. *Int. J. Biol. Macromol.*, 454–457.

Thariq, M., Reizal, F., Ahmad, R., Annisa, dan Handayani, R., 2016, Pengembangan Kitosan Terkini pada Berbagai Aplikasi Kehidupan: Review, <https://www.researchgate.net/publication/311806381>, diunduh pada Sabtu, 31 Maret 2018.

Tjahja, Indirawati, N., dan Ghani, Lannywati, 2010, Status Kesehatan Gigi dan Mulut Ditinjau dari Faktor Individu Pengunjung Puskesmas DKI Jakarta Tahun 2007, *Bul. Penelit. Kesehatan*, 38(2) : 52-66.

Todar, K., 2009, *Todar's Online Textbook of Bacteriology*, Winsonsin, 120-121.

Waghmare, Alka, S., Vhanmane, Priyanka, B., Savitha, B., Chawla, Ruhee, L., Bagde, and Hiroj, 2013, S. Bacteremia Following Scaling and Root Planing: A Clinico-Microbiological Study, *Journal of Indian Society of Periodontology*, 17(6) : 725-73.

Walmsley, A.D., 2015, Ultrasonics in Dentistry, *Physics Procedia*, 63(1) : 201-207.