

DAFTAR PUSTAKA

- Alex, G., 2015, Universal Adhesives: The Next Evolution in Adhesive Dentistry?, *Continuing Education 1*, 36(1), 15-26
- Andries, J. R., Gunawan, P. N., dan Supit, A., 2014, Uji Efek Antibakteri Ekstrak bunga Cengkeh Terhadap Bakteri *Streptococcus mutans* secara In Vitro, *Jurnal e-GIGI (eG)*, 2(2), 1-8
- Anggraeni, A., Yuliati, A., dan Nirwana, I., 2005, Perlekatan Koloni *Streptococcus mutans* pada Permukaan Resin Komposit Sinar Tampak, *Maj. Ked. Gigi. (Dent. J.)*, 38(1), 8-11
- Anusavice, K.J., Shen, C., dan Rawls, H.R., 2013, *Phillips' Science of Dental Materials 12th edition*, Elsevier Saunders, St.Louis.
- Asimah, H., 2007, Processing and Product Development: Physical stability and color Changes of Malaysian Cocoa Butter upon Storage, *Malaysian Coco Journal*, 3, 20-25
- Aviandani, M. J., Munadzirroh, E., dan Yogiartono, M., 2012, Perbedaan Kebocoran Tepi Tumpatan Semen Ionomer Kaca dengan Pengadukan secara Mekanik Elektrik dan Manual, *Jurnal PDGI*, 61(3), 81-87
- Badra, V., Faraoni, J., Ramos, R., dan Palma-Dibb, R., 2005, Influence of Different Beverages on the Microhardness and Surface Roughness of Resin Composite, *Oper Dent*, 30, 213-219
- Basso, M., 2011, Teeth Restoration Using a High-Viscosity glass Ionomer Cement: The Equia System, *J Minim Interv dent 2011*, 4(3), 74-76
- Bonifacio, C. C., Werner, A., dan Kleverlaan, C. J., 2011, Original Article: Coating Glass-Ionomer Cements with A Nanofilled Resin, *Acta Odontologica Scandinavica*, 1-7
- Carrilho, E., Abrantes, M., Paula, A., Casalta-Lopes, J., Botelho, M., dan Ferreira, M., 2014, Original Research: Microleakage Study of a Restoration Material Via Radioisotope Methods, *Rev Port Estomatol Med Dent Cir Maxilofac*, 55(3), 129-134
- Carvalho, F. G., Sampaio, C. S., Fucio, S. B. P., Carlo, H. L., Correr-Sobrinho, L., dan Puppini-Rontani, R. M., 2012, Effect of Chemical and Mechanical Degradation on Surface Roughness of Three Glass Ionomers and a Nanofilled Resin Composite, *Operative Dentistry*, 37(5), 509-517
- Chandra, S., Chandra, S., dan Chandra, G., 2007, *Textbook of Operative Dentistry*, Jaypee Brothers Medical Publisher, New Delhi

- Czarnecka, B., Limanowska-Shaw, H., dan Nicholson, J. W., 2002, Buffering and Ion-Release by a Glass-Ionomer Cement Under Nearneutral and Acidic Conditions, *Biomaterials*, 23, 2783–2788.
- Delme, K. I. M., Deman, P. J., De Bruyne, M. A. A., Nammour, S., dan De Moor, R. J. G., 2010, Microleakage of Glass Ionomer Formulation After Erbium: Yttrium-Aluminium-Garnet Laser Preparation, *Lasers Med Sci*, 25, 171-80
- Diem, VTK, Tyas, MJ., Ngo HC., Phuong LH., dan Khanh, ND, 2014, Original Article: The Effect of A Nano-Filled Resin Coating on the 3-Year Clinical Performance of a Conventional High Viscosity Glass-ionomer Cement, *Clin Oral Invest*, 18, 753-759
- Divya, K. T., Kala, M., dan Bharati, D., 2001, Comparative Analysis of The Sealing Ability of Various Conventional Restorative Materials Used in a Double-Seal Technique as Coronal Sealants in Root Canal Treatment- an in Vitro Study, Endodontology, Dept of Conservative Dentistry, Govt Dental College and Research Institute, *Bengaluru*, 8-16
- Fucio, S. B. P., Carvalho, F. G., Sobrinho, L. C., Sinhoreta, M. A. C., dan Puppini-Rontani, R. M., 2008, The Influence of 30-Days-Old *streptococcus mutans* Biofilm on the Surface of Esthetic Restorative Materials-An In Vitro Study, *Journal of Dentistry*, 36 (2008), 833-839
- Gale, M. dan Darvell B., 1999, Termal Cycling Procedures for Laboratory Testing of Dental Restoration, *J Dent*, 27, 89-99
- Gharechahi, M., Moosavi, H., dan Forghani, M., 2012, Effect of Surface Roughness and Materials Composition on Biofilm Formation, *JBNB*, 2012(3), 541-546
- Gonzales, N. A. G, Kasim N. H. A, dan Aziz Rd, 1997, Microleakage Testing, *Annals Dent Univ Malaya*,4, 31-37
- Hamama, H. H., Burrow, M. F., dan Yiu, C., 2014, Effect of Dentin Conditioning on Adhesion of resin-Modified Glass Ionomer Adhesive, *Australian dental Journal*, 2014(59), 193-200
- Hatrack, C. D., Eakle, W. S., dan Bird, W. F., 2011, *Dental Materials: Clinical Application for Dental Assistants and Dental Hygienist*, Edisi 2, Elseiver, Missouri
- Heintze, S. D., 2013, Clinical Relevance of test on Bond Strength, Microleakage, and Marginal Adaptation, *Dental Materials*, 29, 59-84
- Higham, S., 2014, Caries Process and Prevention Strategies: Demineralization/ Remine-ralization, *Crest® + Oral-B® at dentalcare.com Continuing Education Course*

- Jokstad, A., 2015, Review: Secondary Caries and Microleakage, *Dental Material*, 10-15
- Karaođlanođlu, S., Akgül, N., Ozdabak, H. N., dan Akgül, H. M., 2009, Effectiveness of Surface Protection for Glass-Ionomer, Resin-Modified Glass-Ionomer and Polyacid-Modified Composite Resins, *Dent Mater J.* 28, 96-101
- Kreth, J., Hagerman, E., Tam, K., Merritt, J., Wong, D. T., Wu, B. M., Myung, N. V., Shi, W., dan Qi, F., 2004, Quantitative Analyses of *Streptococcus mutans* Biofilms with Quartz Microbalance, Microjet Impingement and Confocal Icroscopy, *Biofilms*, 1:277-84
- Lohbauer, U., 2010, Review: Dental Glass Ionomer Cement as Permanent Filling Materials: Properties, Limitation and Future Trend, *Material*, 3, 76-96
- Magni, E., Zhang, L., Hickel, R., Bossu, M., Polimeni, A., dan Ferrari, M., 2008, SEM and Microleakage Evaluation of the Marginal Integrity of Teo types of Class V Restorations With or Withouth The Use of a Ligt-Curable Coating Material and of Polishing, *Journal of Dentistry*, 36(2008), 885-891
- Mair, L., Stolarski, T., Vowlest, R., dan Lloyd, C., 1996, Wear: Mechanism, Manifestation, and Measurement. Report of Workshop, *J dent*, 24, 141-148
- Marquezan, M., Osorio, R., Ciamponi, A. L., dan Toledano, M., 2010, Resistance to Degradation of Bonded Restorations to Simulated Caries-Affected Primary Dentin, *Am J Dent*, 23(1), 47-52
- McCabe, john F. dan Walls, Angus W. G., 2008, *Applied Dental Material*, Edisi 9, Blackwell Publishing, Oxford
- Mohamad, D., Ab-Ghani, Z., Sidek, M. M., dan Zaldi, M. I. H. A., 2014, Surface Roughness of Tooth Cploured Materials after *Streptococcus mutans* Culture, *JAMR*, 1(1), 84-88
- Montanaro, L., Campoccia, D., Rizzi, S., Donati, M. E., Breschi, L., Prati, C., dan Arciola, C. R., 2003, Evaluation of Bacterial Adhesion of *Streptococcus mutans* on Dental Restorative Material, *Biomaterials*, 25 (2004), 4457-4463
- Ninawe, N., Nayak, U. A., Nagar, P., Khandelwal, V., Jain, S., dan Gupta, A. S., 2014, Original Article: A Comparative Evaluation of Microleakage of Glass Ionomer Restoration with Different Surface Protectors-An in-Vitro Study, *DJAS*, 2(II), 105-108
- Pacifici, E., Bossu, M., Giovannetti, A., La Torre, G., Guerra, F., dan Polimeni, A., 2013, Original Article: Surface Roughness of Glass Ionomer Cements Indicated for Uncooperative Patients According to Surface Protection Treatment, *Annali di Stomatologi*, IV (3-4), 250-258

- Palmer, J. dan Kaminski, C., 2013, *Water: a Comprehensive Guide for Brewers*, Brewers Publication, Colorado
- Prakki, A., Chilli, R., Mondelli, F. I., Kalachandra, S., dan Pereira, J. C., 2005, Influence of pH environment on Polymer Based Dental Material Properties, *J Dent*, 33, 91-98
- Prentice, L. H., Tyas, M. J., dan Burrow, M. F., 2007, Ion Leaching of A Glass-Ionomer Glass: An Empirical Model And Effect on Setting Characteristics And Strength, *J Mater Sci: Mater Med*, 2007 (18), 127-131
- Rekha, C. V., Varma, B., dan Jayanthi, 2016. Comparative Evaluation of tensile Bond strength and microleakage of Conventional Glass Ionomer Cement, Resin Modified Glass Ionomer Cement and Compomer: An in Vitro Study, *Contemporary Clinical Dentistry*, 3(4), 282-287
- Saleh, L. A. dan Khail, M. F., 1994, The Effect of Different Protective Coatings on The Surface Hardness of Glass Ionomer Cements, *The Saudi Dental Journal*, 6(1), 3-8
- Santerre, J. P., Shajii, L., dan Leung, B., 2001, Relation of Dental Composite Formulation to Their Degradation and the Release of Hydrolyzed Polymeric-Resin-Derived Product, *Crit Rev Oral Biol Med*, 12, 136-151
- Strassler, H. E., 2011, Glass ionomers For Direct-Placement Restoration, *A Peer-Reviewed Publication*
- Sumardjo, D., 2008, *Pengantar Kimia: Buku Panduan Kuliah Mahasiswa Kedokteran dan Program Strata I Fakultas Bioeksata*, EGC, Jakarta
- Tanner, J., Vallittu, P. K., dan Soderling, E., 2000, Adherence of *Streptococcus mutans* to An E-Glass Fiber-Reinforced Composite and Conventional Restorative Materials Used in Prosthetic Dentistry, *Journal of Biomedical Materials Research*, 49, 250-256
- Usri, K., Karlina, E., dan Riyanti E., 2005, Pengaruh Pelapisan Bahan Tambal *Glass Ionomer* dengan *Varnish* dan *Cocoa Butter* terhadap Daya Serap Saliva Buatan secara In Vitro, *Laporan Penelitian*, 1-9
- van Noort, R., 2007, *Introduction to Dental Materials 3rd edition*, Mosby Elsevier, London
- Wang, X. Y., Yap, A. U. J., dan Ngo, H. C., 2006. Effect of Early Water Exposure on the Strength of Glass Ionomer Restoratives, *Operative Dentistry*, 31(5), 584-589
- Wilson, P. K., dan Hurst, W. J., 2012, *Chocolate as Medicine: A Quest Over the Centuries*, The Royal Society of Chemistry, Cambridge



Xie, D., Weng, Y., Guo, X., Zhao, J., Gregory, R. L., dan Zheng, C., 2011, Preparation and Evaluation of A Novel Glass-Ionomer Cement with Antibacterial Function, *Dental Material*, 27 (2011), 487-496

Zoergiebel, J. dan Ilie, N., 2012, Original Article: Evaluation of a Conventional Glass Ionomer Cement with New Zinc Formulation: Effect of Coating, Aging and Storage Agent, *Clin Oral Invest*