

DAFTAR PUSTAKA

- Acharya, S., Acharya, S., (2018) Dental Materials used in Pediatric Dentistry – A Sneak Peek. *Acta Scientific Dental Sciences*. 2(11): 129-132.
- Alrahlah, A., (2018) Diametral Tensile Strength, Flexural Strength, and Surface Microhardness of Bioactive Bulk Fill Restoration. *The Journal of Contemporary Dental Practice*. 19(1):13-19.
- Alshaafi, M. M., (2017) Factor Affecting Polymerization of Resin Based Composites: A Literature Review. *Saudi Dent J*. 29(2): 48-58
- Andari, E. S., Wulandari, E., Robin, D. M. C., 2014, Efek Larutan Kopi Robusta Terhadap Kekuatan Tekan Resin Komposit Nanofiller. *Stomatognatic Jurnal Kedokteran gigi Unej*. 11(1): 6-11
- Anusavice, K. J., Shen, C., Rawls, H. R., (2013) *Phillips' Science of Dental Materials*. Missouri: Elsevier saunders. pp. 326
- Bagheri, R., Taha, N. A., Azar, M. R., Burrow, M. F., 2013, Effect of G-Coat Plus on The Mechanical Properties of Glass Ionomer Cements. *Aus Dent J*. 58(4): 448-453
- Bhadra, D., Shah, N. C., Rao, A. S., Dedania, M. S., Bajpai, N., (2019) A 1-year Comparative Evaluation of Clinical Performance of Nanohybrid Composite with Activa Bioactive Composite in Class II Carious Lesson: A Randomized Control Study. *J Conserv Dent*. 22(1): 92-96.
- Croll, T., Berg, J., Donly, K., 2015, Dental Repair Material: A Resin-modified Glass-Ionomer Bioactive Ionic Resin-Based composite. *Compendium of Continuing education in dentistry journal*. 36(1): 1-5
- Demirci, M., Tuncer, S., Yuceokur, A. A., (2010) Prevalence of Caries on Individual Tooth Surface and its Distribution by Age and Gender in University Clinic Patients. *European Journal of Dentistry*. 4(3): 270-279.
- Faraji, F., Heshmat, H., Banava, S., 2017, Effect of Protective Coating On Microhardness of A New Glass Ionomer Cement: Nanofilled Coating Versus Unfilled Resin. *Journal of Conservative Dentistry*. 20(4): 260-263
- Francois P, Vennat E, Goff S, L., Ruscassier N, Attal JP, Dursun E, (2019) Shear Bond Strength and Interface Analysis Between A Resin Composite and A Recent High-Viscous Glass Ionomer Cement Bonded With Various Adhesive Systems. *Clinical Oral Investigations*. 23(6):2599-2608.

- Garoushi, S., Vallittu, P., Lassila, L., 2018, Characterization of Fluoride Releasing Restorative Dental Materials. *Dental Materials Journal*. 37(2): 293-300
- Gurgan, S., Kutuk, Z. B., Ergin, E., Oztas, S. S., Cakir, F. Y., (2015) Four-year Randomized Clinical Trial to Evaluate the Clinical Performance of A Glass Ionomer Restorative System. *Operative Dentistry*. 40(2):134-143.
- Hakim, R., Iampus, B., Wowor, V. N., S. (2013) Gambaran Tumpatan Glass Ionomer Cement pada Mahasiswa Akademi Keperawatan Rumah Sakit Tingkat III Robert Wolter Monginsidi. *E-Gigi PAAI*. 1(2): 1-5.
- Hamid, D. M. A., dan Nawareg, M. M. A., (2012) Hydrolytic Degradation of Three Resin Composite Based on Different Monomer System. *EDJ*. 58(7): 2867-2879
- Kantovitz, K., Pascon, F., Correr, G., Alonso, R., Rodrigues, L., Alves, M., Puppim-Rontani, R., 2009, Influence of Environmental Conditions on Properties of Ionomeric and Resin Sealant Materials. *Journal of Applied Oral Science*. 17(4): 294-300
- Khandelwal (2011) The science of simplicity. *Journal of Minimum Intervention in Dentistry*. 4(6). 110.
- Khorousi, M. Dan Keshani, F., (2013) A Review of Glass-Ionomer: from Conventional Glass-Ionomer to Bioactive Glass-Ionomer. *Dental Research Journal*. 10(4): 411-420.
- Korkut, E., Gezgin, O., Tulumbaci, F., Ozer, H., Sener, Y., (2017) Comparative Evaluation of Mechanical Properties of A Bioactive Resin Modified Glass Ionomer Cement. *Eu Dishek Fak Derg*. 38(3):170-175.
- Kruger, J., Maletz R., Otti, P., Warkentin, M., (2018) In Vitro Aging Behavior of Dental Composites Considering The Influence of Filler Content, Storage Media and Incubation Time. *Plos One*. 13(4): 1-19.
- Kumala, Y. R., Rachmawati, D., Sari, A. A., (2017) Perbedaan Lebar Celah Tepi Tumpatan Semen Ionomer Kaca Modifikasi Resin Nano dan Modifikasi Resin. *Odonto Dental Journal*. 4(1): 7-12.
- Leprince, J. G., Palin, W. M., Hadis, M. A., Devaux, J., Leloup, G., 2012, Progress In Dimethacrylate-Based Dental Composite Technology and Curing Efficiency. *Dental Materials*:1-18
- Manoy, N. T., Kawengian, S. E. S., Mintjelungan, C., (2015) Gambaran Karies Gigi Molar Pertama Permanen dan Status Gizi di SD Katolik 06 Manado. *Jurnal e-gigi*. 3(2):317-323.
- Miletic dan Vesna, 2018, *Dental Composite Material for Direct Restorations*. Belgrade: Springe. pp. 296.

- Molina, G. F., Cabral, R. J., Frencken, J. E., (2013) Mechanical Performance of Encapsulated Restorative Glass-Ionomer Cements for Use with Atraumatic Restorative Treatment (ART). *Journal of Applied Oral Science*. 21(3):243-249.
- Moshaverinia, M., Navas, A., Jahedmanesh, N., Shah, K. C., Moshaverinia, A., Ansari, S., (2019) Comparative Evaluation of The Physical Properties of A Reinforced Glass Ionomer Dental Restorative Material. *The Journal of Prosthetic Dentistry*. 122(2):154-159.
- Nicholson, J. dan Czarnecka, B., (2016) *Materials for the Direct Restoration of Teeth*. Amsterdam: Elsevier. pp. 22.
- Nugroho, J. J., Husain, H., (2014) Kelarutan tumpatan sementara Cavit dalam rendaman saliva buatan. *Dentofasial*. 13(2): 69-73.
- Omidi, B. R., Naeini, F. F., Dehghan, H., Tamiz, P., Savadroodbari, M. M. dan Jabbarian, R., 2018, Microleakage of An Enhanced Resin-Modified Glass Ionomer Restorative Material In Primary Molars. *Journal of Dentistry*. 15(4): 205-213
- Peskersoy, C., Culha, O., (2017) Comparative Evaluation of Mechanical Properties of Dental Nanomaterials. *Journal of Hindawi*.
- Powers, J. M. dan Wataha, J. C., (2017) *Dental Materials, Foundations and Applicatios*. 11th ed. Missouri: Elsevier. pp.
- Rajic, V. B., Miletic, I., Gurgan, S., Peros, K., Verzak, Z., Malcic, A. I., (2018) Fluoride Release from Glass Ionomer with Nano Filled Coat and Varnish. *Acta Stomatologica Croatica*. 52(4):307-313.
- Ricci, W. A., Alfano, P., Pamato, S., Cruz, C. A. S., Pereira, J. R., (2019) Mechanical Degradation of Different Classes of Composite Resin Aged in Water, Air, and Oil. *BioMed Research Int*. 1-7.
- Sakaguchi, R. L., Powers, J. M., (2012) *Craig's Restorative Dental Materials*. Philadelphia: Elsevier. pp.153
- Shamszadeh, S., Zanjani, V. A., Mofidi, M., Tabrizi, M. A., Yazdani, S., (2013) Comparison of Flexural Strength of Several Composite Resins Available in Iran. *Journal of Dental School*. 31(3): 170-176.
- Shelton, R., (2017) *Biocompatibility of Dental Biomaterials*. Cambridge: Elsevier. pp. 85.
- Sidhu, S. K. dan Nicholson, J. W., (2016) A Review of Glass-Ionomer Cements for Clinical Dentistry. *Journal of Function Biomaterials*. 7(3) 1-3
- Sullivan, L. M., (2018) *Essentials of Biostatisticss Public Health*. United States: Jones & Barlett Learnin. pp. 173.

- Xu, Y., Wang, H., Xie, D., 2017, Preparation of New Low Viscosity Urethane Dimethacrylates For Dental Composite. *Journal of Biomaterials Scienc.*, Polymer ed: 1-15
- Zhang, K., Zhang, N., Xu, H. H., K., (2017) Bioactive Dental Composites and Bonding Agengts Having Remineralizing and Antibacterial Characteristics. *Dental Clinics of North America*. 61(4):669-687.
- Zhou, X., Wang, S., Peng, X., Hu, Y., Ren, B., Li, M., Hao, L., Feng, M., Cheng, L., Zhou, X., (2018) Effects of Water and Microbial-Based Aging on the Performance of Three Dental Restorative Materials. *Journal of the Mechanical Behavior of Biomedical Materials*. 80:42-50.
- Zoergiebel, J. dan Ilie, N., (2013) Evaluation of A Conventional Glass Ionomer Cemen with New Zinc Formula. *Clin Oral Invest*. 17: 619-626.