

DAFTAR PUSTAKA

- Anusavice, K.J., Shen C., Rawls, H.P. 2013. *Philips Science of Dental Material 12th ed.* Philadelphia: Elsevier Saunders. h. 99-104.
- Astriningrum, Y., Suryadi, H., Azizahwati. 2010. Analisis Kandungan Ion Fluorida pada Sampel Air Tanah dan Air PAM Secara Spektrofotometri, *Majalah Ilmu Kefarmasian*. Vol. 7(3): 48.
- Bonsor, S.J., Pearson, G.J. 2013. *A Clinical Guide to Applied Dental Materials.* London: Elsevier Ltd, h. 214-215.
- Budiarto, E., 2014. *Metodologi Penelitian Kedokteran: Sebuah Pengantar.* Jakarta: EGC. h. 14.
- Burtea, L.C., Prejmerean, C., Prodan, D., Baldea, I., Vlassa, M., Filip, M., Moldovan, M., et al. 2019. New Pre-Reacted Glass Containing Dental Composites (Giomers) with Improved Fluoride Release And Biocompatibility. *Journal Materials.* Vol. 12(4021): 13-15.
- Cury, J.A., de Oliveira, B.H., dos Santos, A.P., Tenuta, L.M. 2016. Are fluoride releasing dental materials clinically effective on caries control?. *Dental Material.* Vol. 32: 323-333.
- Didron, P.P., Ellakwa, A., Swain, M.V. 2013. Effect of Preheat Temperatures on Mechanical Properties and Polymerization Contraction Stress of Dental Composites. *MSA.* Vol. 4(6): 375.
- Dionysopoulos, D., Tolids, K., Gerasimou, P. 2014. Effect of Preheating on The Film Thickness of Contemporary Composite Restorative materials. *Journal of Dental Science.* Vol. 9(4): 314.
- Fejerskov, O., Kidd, E. 2015. *Dental Caries 2th edition,* Tunbridge Wells: Blackwell Munksgaard Ltd, h. 120.
- Francois, P., Fouquet, V., Attal, J., Dursun, E. 2020. Commercially Available Fluoride-Releasing Restorative Materials A Review and a Proposal for Classification. *Materials Journal.* Vol. 13(2313): 12-15.
- Galvão, M.R., Caldas, S.G.F.R., Bagnsto, V.S., Rastelli, A.N.S., Andrade, M.F.D. 2013. Evaluation of degree of conversion and hardness of dental composites photoactivated with different light guide tips. *European Journal of Dentistry.* Vol. 7(1): 86-93.

- Garg. N., Garg. A. 2015. *Text Book of Operative Dentistry*. New Delhi : Jaypee. h. 302.
- Garoushi, S., Vallitu, P.K., Lassila, L., 2018. Characterization of Fluoride Releasing Restorative dental Materials. *Dental Material Journal*. Vol. 37(2): 4.
- Griffin, J.D. 2014. Unique Characteristics of the Giomer Restorative System. *Article Reprint*. Vol. 10(3): 1.
- Guglielmi, C.D.A.B., Calvo, A.F.B., Tedesco, T.K., Mendes, F.M., Raggio, D.P. 2015. Contact with Fluoride-Releasing Restorative Materials Can Arrest Simulated Approximal Caries Lesion. *Journal of Nanomaterials*. Vol. 1(1): 2.
- Hodisan, I., Prejmerean, C., Petean, I., Prodan, D., Buruiana, T., Colceriu, L., et al, 2017, Synthesis and Characterization of Novel Giomers for Dental Applications, *Studia UBB Chemia LXII*, 4(1)143-154.
- Hajira, N.S.W., Meena, N. 2015. GIOMER- The Intelligent Particle (New Generation Glass Ionomer Cement). *International Journal Dental Oral Health*. Vol. 2(4): 1-5.
- Kafalia, R. F., Firdausy, M. D., Nurhapsari, A., 2017. Pengaruh Jus Jeruk dan Minuman Berkarbonasi Terhadap kekerasan Permukaan Resin Komposit. *ODONTO Dental Journal*. Vol. 4(1): 38.
- Kafle, B. P. 2020. *Chemical Analysis and Material Characterization by Spectrophotometry*. Elsevier:United Kingdom. h. 1-3, 80-81.
- Kashi, T.S.J., Fereidouni, F., Khoshroo, K., Heidari, S., Masaeli, R., Mohammadian, M. 2015. Effect of Preheating on The Microhardness of Nanohybrid Resin Based Composites. *Biomedical Technologies*. 2(1): 15-22.
- Kurt, A., Tüzüner, T., Altintepe, İ., Aydinoğlu, S., Sökmen, M. 2019. The Effect of Heat Application on Fluoride Release From Antibacterial Agent Added Glass Ionomer Cement. *Cumhuriyet Dental Journal*. Vol. 22(2): 219.
- Lowe, R.A. 2018. *Giomer Technology and “Smart” Dental Materials*. United States: LLC. h. 4.
- Micknautsch, S., Tyas, M.J., Yengopal, V., Oliveira, L.B., Bönecker, M. 2010. Absence of carious lesions at margins of glass-ionomer cement (GIC) and resin-modified GIC restorations: a systematic review. *European Journal Prosthodontia Restoration Dental*. Vol. 18(3): 139-145.

- Micknautsch, S., Yengopal, V., Banerjee, A. 2010. Atraumatic restorative treatment versus amalgam restoration longevity: a systematic review. *Clinical Oral Investigations*. Vol. 14(3): 233–240.
- Mousavinasab, S.M., Mayers, I. 2009. Fluoride Release by Glass Ionomer Cements. Compomer and Giomer. *Dental Restoration Journal*. Vol. 6(2): 75-81.
- Nada, K., El-Mowafy, O. 2011. Effect of Pre-curing Warming on Mechanical Properties of Restorative Composites. *International Journal Dental*. Vol. 2011: 2.
- Nurhapsari, A. 2016. Perbandingan Kebocoran Tepi Antara Restorasi Resin Komposit Tipe Bulk-fill dan Tipe Packable dengan Penggunaan Sistem Adhesif Total Etch dan Self Etch. *ODONTO Dental Journal*. Vol. 3(1). h. 8-13.
- Permana, D.P., Sujatmiko, B., Yulianti, R. 2016. Perbandingan Tingkat Kebocoran Mikro Resin Komposit Bulk-fill dengan Teknik Penumpatan Oblique Incremental dan Bulk. *Majalah Kedokteran Gigi Indonesia*. Vol. 2(3). h. 135-140.
- Powers, J.M., Sakaguchi, R.I. 2012. *Craig's Dental Material Thirteenth Edition*. Philadelphia: Mosby Elsevier. h. 164.
- Ratna, A.A., et al. 2017. The Effect of Prolonged Immersion of Giomer Bulkfill Composite Resin on The pH Value of Artificial Saliva and Resin Surface Roughness. *Journal of Physics: Conference Series*. Vol. 884(1):1-5.
- Ribeiro, B.C.L., Baoventura, J.M.C., Brito-Goncalves, J.D., Rastelli, A.N.D.S., Bagnato, V.S., Saad, J.R.C. 2011. Degree of Conversion of Nanofilled and Microhybrid Composite Resins Photo-activated by Different Generations of LEDs. *J Appl Oral Sci*. 20(2): 212-217.
- Rusnac, M.E., Gasparik, C., Irimie, A.I., Grecu, A.G., Mesaros, A.Ş., Dudea, D. 2019. Giomers in Dentistry – at the Boundary Between Dental Composites and Glass-Ionomers. *Medicine and Pharmacy Reports*. Vol. 92(2): 123-128.
- Santoso, L., Kristanti, Y., Ratih, D.N. 2016. Perbedaan Kekerasan Mikro Giomer dan Kompomer Setelah Prosedur In-Office Bleaching Menggunakan Bahan Karbamid Peroksida 45%. *Jurnal Kedokteran Gigi*. Vol. 7(2): 97-102.
- Sidhu, S. K., dan Nicholson, J. W., 2016, A Review of Glass-Ionomer Cements for Clinical Dentistry, *Journal of Functional Biomaterial*, 7(16):1-15.
- Şişmanoğlu, S. 2019. Fluoride Release of Giomer and Resin Based Fissure Sealants. *Odovtos International Journal of Dental Science*. Vol. 21(2).

- Steel, R.G.D., Torrie, H. 1995. *Prinsip dan Prosedur Statistika Suatu Pendekatan Biometrik*. Jakarta : Gramedia Pustaka Utama. h. 36-41.
- Sulastri, S., Kristianingrum, S. 2010. Berbagai Macam Senyawa Silika: Sintesis, Karakterisasi dan Pemanfaatan. *Prosiding Seminar Nasional Penelitian, Pendidikan dan Penerapan MIPA, Fakultas MIPA, Universitas Negeri Yogyakarta*.
- Taraboanta, I., Stoleriu, S., Iovan, G., Moldovanu, A., Georgescu, A., Negraia, M.R., et al. 2018. Evaluation of Pre-heating Effects on Marginal Adaptation of Resin-based Materials. *Materiale Plastice*. Vol. 55(2): 238-242.
- Wilson., Nairn, H.F. 2015. *Essentials of esthetic dentistry volume one*. London: Elsevier. h. 193-199.

