DAFTAR PUSTAKA

Abdelwahed, A.G., Essam, S., dan Abdelaziz, M.M., (2022) Marginal Adaptation and Depth of Cure of Flowable versus Packable Bulk-fill Restorative Materials: An In Vitro Study. *Open Access Maced J Med Sci.* 14(10): 47-56.

Abdewahed, A.G., Abdelaziz, M.M., dan Fahim, S.E., (2024) Clinical Evaluation of Flowable Versus Packable Bulk-Full Giomer Restorative Materials: A Two Year Randomized Clinical Trial. *Egyptian Dental Journal.* 70(2): 2093-2105.

Alinda, S.D., Margono, A., Putranto, A.W., Maharti, I.D., Amalina, R., dan Rahmi, S.F., (2021) The Comparison of Biofilm Formation, Mechanical and Chemical Properties between Glass Ionomer Cement and Giomer. *The Open Dentistry Journal.* 15(1): 274-283.

Alomari, Q.D., Nusair, K.B., dan Ali, M., (2019) Effect of C-Factor and LED Curing Mode on Microleakage of Class V Resin Composite Restorations. *Eurepean Journal of Dentistry.* 2011(5): 400-408.

Angelina., Iskandan, B.O., dan Prijanti, A., (2017) Penatalaksanaan Kasus Perforasi Pada Servikal Gigi Molar Pertama Mandibula-Laporan Kasus. *Jurnal Ilmiah Kedokteran Gigi Terpadu.* 3(1): 98-103.

Barszczewska-Rybarek, I. M., (2019) A Guide Through the Dental Dimethacrylate Polymer Network Structural Characterization and Interpretation of Physico Mechanical Properties. *Materials*.12(24):4057.

Belgin, C.A., Serindere, G., Orhan, K., (2019) Accuracy and reliability and dentin thickness measurements on micro-computed tomography and digital periapical radiographs. *Journal of Forensic Radiology and Imaging.* 18(2019): 32-36.

Bhatia, K., Nayak, R., dan Ginjupalli, K., (2022) Comparative Evaluation of a Bioactive Restorative Material with Resin Modified Glass Ionomer for Calcium-Ion Release and Shear Bond Strenght to Dentin of Primary teeth- an in vitro study. *Journal of Clinical Pediatric Dentistry.* 46(6): 25-32.

Budimulia, B., dan Aryanto, M., (2018) Kebocoran Mikro Tumpatan Resin Komposit Bulkfill Flowable Pada Berbagai Jarak Penyinaran. *Jurnal Ked Gigi Unpad*. 30(1): 1-7.

Chandra, F., (2022) Respon Pulpa terhadap Bahan Adhesif dan Bahan Pelindung Lainnya. Jakarta: Skripsi Fakultas Kedokteran Gigi. pp 2.

Dhurohmah., Mujayanto, R., Chumaeroh, S., (2014) Pengaruh Waktu Polishing dan Asam Sitrat terhadap Mikroleakage pada Tumepatan Resin Komposit Nanofiller Aktivasi Light Emiting Diode – In Vitro. *ODONTO Dental Journal.* 1(1): 11-15.

Diansari, V., (2016) Evaluasi Kekasaran Permukaan Glass Ionomer Cement (GIC) Konvensional setelah Perendaman dalam Minuman Berkarbonasi. *J Cakradonya Dent*. 8(2):111-116.

Dwiandhono, I., Kurniawan, A.A., Satrio, R., Logomarta S.W., dan Winanto, M.N.N.I., (2022) Preheating Effect of Giomer's Surface Hardness on Direst Restoration. *ODONTO Dental Journal*. 9(1): 95-99.

Feilzer, A.J., Dooren, L.H., De Gee, A.J., dan Davidson, C.L., 1995, Influence Of Light Intensity On Polymerization Shrinkage and Integrity Of Restoration-Cavity Interface, *European Journal of Oral Sciences*, 103(5): 322-326.F

Garg, N., dan Garg, A., 2015, *Textbook of operative dentistry, 3rd,* New Delhi: Jatpee Brothers, hal 29, 116, 126.

Harahap, S.A., Eriwati, Y.K., (2017) Role of Composition to Degree of Conversion of Bulk Fill Composite Resins. *Jurnal Material Kedokteran Gigi*. 6 (1): 33-41.

Ibrahim, I., Luthfia, P., Akbar, M.R., dan Karina, C., (2021) Pengaruh Intensitas Sinar terhadap Perubahan Warna Resin Komposit Flowable. *Jurnal Ilmiah dan Kedokteran Gigi FKG UPDM (B).* 17(1): 9-15.

Ilie, N., Durner, J., (2014) Polymerization Kinetic Calculations In Dental Composites: A Method Comparison Analysis. *Clinical Oral Investigations*. 18(6):1587–1596.

Jakupovic, S., Anic, I., Ajanovic, M., Korac, S., Konhodzic, A., Dzankovic, A., dan Vukovic, A., (2016) Biomechanics of cervical tooth region and noncarious cervical lesion of different morphology; three-dimensional finite element analysis. *Eur J Dent.* 10(3): 413-418.

Katge, F., Shitoot, A., Pammi, T., dan Mithiborwala, S., (2016) Evaluation of Microleakage of Nanoionomer and Nanocomposite Restoration, immersed in Fruit Drink, Fresh Fruit Juice and Soft Drink – An in vitro Study. *Journal of Clinical Pediatric Dentistry.* 40(2):129-135.

Kovianti, C., Tjandrawinata, R., dan Eddy., (2023) Mechanical Properties of Giomer After Immersion in Carbonate Drinks. *Journal of Indonesian Dental Association.* 5(2): 79-84.

Kumala, Y.R., Rachmawati, D., dan Sari, A.A., (2017) Perbedaan Lebar Celah Tepi Tumpatan Ionomer Kaca Modifikasi Resin nano dan Modifikasi Resin. *ODONTO Dental Journal.* 4(1): 7-12.

Malik, N.A.B., Lin, S.L., Rahman, N.A., dan Jamaluddin, M., (2013) Effect of Liners on Microleakage in Class II Composite Restoration. *Sains Malaysiana*. 42(1): 45–51.

Masdy, W., (2014) *Pengaruh Metode Penyinaran yang Berbeda Terhadap Kekuatan Ikatan Komposit Mikrohibrid Dengan Base Berbasis Resin*. Makassar: Skripsi Fakultas Kedokteran Gigi. Pp 15.

Miftah., Mira., Slamet., Anie., Sri., Sukarsih., Sri., Karin., Retno., Idham., Pariti., Emma., Ketut, I., Rawati., Rina., Surayah., dan Rosmawati., (2023) *Penyakit Gigi Mulut.* Surabaya: Pustaka Aksara. hal 167, 171.

Münchow, E. A., Meereis, C.T.W., da Rosa, W.L.O., da Silva, A.F., Piva, E., (2018) Polymerization Shrinkage Stress of Resin-Based Dental Materials: A Systematic Review and Meta-analyses of Technique Protocol and Photoactivation Strategies. *Journal of the Mechanical Behavior of Biomedical Materials*. 82(1):77–86.

Ningrum, P.W., (2017) Perbandingan Kebocoran Tepi Resin Komposit *Nanofill* dengan Polimerisasi Sinar Light Cure dengan Teknik *Ramped* dan *Pulse Delay*. Surakarta: Skripsi Kedokteran Gigi. pp 2.

Nofika, R., dan Arafah, A.F., (2021) Penatalaksanaan Perawatan Saluran Akar pada Gigi dengan Lesi Abfraksi: Laporan Kasus. *Andalas Dental Journal.* 2(1): 85-92.

Nugrahenny, G., Nughraheni, T., dan Hadriyanto, W., (2016) Pengaruh Teknik Penyinaran Ramped, Pulse-Delayed, Dan Konvensional Terhadap Kekerasan Mikro Resin Komposit Nanofil. *J Kedokt Gigi*. 7(1): 68–72.

Oliveira, K. M. C., Lancellotti, A.C.R.A., Ccahuana-Vasquez, R.A., Consani, S., (2012) Shrinkage Stress and Degree of Conversion of a Dental Composite Submitted to Different Photoactivation Protocols, *Acta odontológica latinoamericana : AOL*. 25(1):115–122.

Perez, C.R., (2010) Alternative Technique for Class V Resin Composite Restoration with Minimum Finishing/Polishing Procedures. *Oper Dent.* 35(5): 375-379.

Ramadhan, R.Z., Dwiandhono, I.,dan Widyaningsih, P.W., (2023) The Effect of Different Curing Time on Giomer's Fluoride Release. *Jurnal Kesehatan Gigi*. 10(1): 64-70.

Ratih, D. N., dan Novitasari, A., (2017) Kekerasan Mikro Resin Komposit Packable Dan Bulk Fill Dengan Kedalaman Kavitas Berbeda. *Majalah Kedokteran Gigi Indonesia*. 3(2):76-82.

Razibi, N.D., Nahzi, I.M.Y., Puspitasari, D., (2017) Perbandingan Jarak Penyinaran dan Ketebalan Bahan Kekerasan Permukaan Resin Komposit Tipe Bulk Fill. *Dentino Jurnal Kedokteran Gigi*. 2 (2): 211-214.

Rusnac, M.E., Gasparik, C., Irimie, A.I., Grecu, A.G., Mesaros, A.S., dan Diana, D., (2018) Giomers in Dentistry-at the boundary between dental composites and glass-ionomers. *Medicine and pharmacy reports.* 92(2): 123-128.

Rusnac, M.E., Prodan, D., Moldovan, M., Cuc, S., Filip, M., Prejmerean, C., Dudea, D., (2021) Research on the Mechanical Properties, Fluoride and Monomer Release of a New Experimental Flowable Giomer in Comparison to Three Commercial Flowable Giomers. *Appl. Sci.* 11(8921): 1-13.

Patil, B.S., Katmagi, L., Saojii, H., Chabbra, N., Mutsaddi., (2020) Cervical Microleakage in Giomer Restorations: A *In Vitro* Study. *The Journal of Contemporary Dental Practice.* 21(2): 161-165.

Perez, C.D.R., Gonzalez, M.R., Prado, N.A.S., Miranda, M.S.F., Maceda, M.A., dan Fernandes, B.M.P., (2012) Restoration of Noncarious Cervical Lesion: When, Why, and How. *International Journal of Dentistry.* 9(11): 1-9.

Pratiwi, A.N., dan Ardy, O.M., (2020) Tingkat Pengetahuan Erosi Gigi pada Mahasiswa Profesi di Rumah Sakit Gigi dan Mulut Jakarta. *MAJALAH SAINSTEKES* , 7(1), pp. 22-29.

Salman, K.M., (2019) Comparative Evaluation of Mikroleakage in Class V Cavities Restored with Giomer, Resin-Modified Glass Ionomer, Zirconomer andNano-ionomer: An *In vitro* Study. *Journal of the International Clinical Dental Research Organization.* 11(1): 20-25.

Sakaguchi, R.L., Ferracane, J. L., dan Powers, J.M., 2019, *Craig's Restorative Dental Materials, 14th,* St. Louis Missouri: Elsevier, hal 118.

Scheid, C.R., dan Gabriela,W., (2016) Woelfel's Dental Anatomy Edition. Publisher: ZIFATAMA.

Shabrina, F.N., dan Hartomo, B.T., (2020) Pemberian topical application untuk caries pada pasien anak. *Journal of Oral Health Care.* 8(2): 95-107.

Sharma, R.D., Sharma, J., dan Rani, A., (2011) Comparative evaluation of Marginal Adaptation Between Nanocomposites And Microhybrid Composites Exposed To Two Light Cure Units. *Indian J Dent Res*. 22(3): 520-526.

Soares, C. J., Faria-e-silva, A.L., Rodrigues, M.P., Vilela, A.B.F., Pfeifer, C.S., Tantbirojn, D., Versluis, A., (2017) Polymerization Shrinkage Stress of Composite Resins and Resin Cements - What Do We Need To Know?, *Brazilian Oral Research*. 31:49–63.

Soekartono, R.H., Yuliati, A., Sani, R.M., dan Pratiwi, D.D., (2018) Sifat Fisik Permukaan Resin Komposit Hybrid Setelah Direndam dalam Minuman Energi pH asam. *Jurnal Material Kedokteran Gigi.* 3(1):8-17.

Stanusi, A., Craitoiu, M.M.I., Scrieciu, M., Mitrut, I., Firulescu, B.C., Botila, M.R., Vladutu, D.E., Stanusi, A.S., Mercut, V., dan Osiac, E., (2023) Morphological and Optical Coherence Tomography Aspects of Non-Carious Cervical Lesion. *Journal of Personalized Medicine.* 13(772): 1-13.

Subbarao, K.C., Nattuthurai, G.S., Sundrarajan, S.K., Sujith, I., Joseph, J., dan Syedshah, Y.P., (2019) Gingival Crevicular Fluid: An Overview. *J Pharm Bioallied.* 11(2): 135-139.

Syafri, M., Nugraheni, T., dan Untara, T.E., (2014) Perbedaan Kebocoran Mikro Resin Komposit *Bulkfill Vibrasi Sonic* dan Resin Komposit Nanohibrid pada Kavitas Kelas I. *J Ked Gi*. 5(2): 158-168.

Tambahani, A.M., Wicaksono, D., dan Tumewu, E., (2013) Gambaran Kerusakan Gigi Pasca Restorasi Komposit Pada Siswa SMA Negeri 1 Manado. *Jurnal e-Gigi (eG)*. 1(2): 121-128.

Teixeria, D.N.R., Thomas, R.Z., Soares, P.V., Cune, M.S., Gresnight, M.M.M., dan Slot, D.E., (2020) Prevalence of Non- Carious Cervical Lesion Among Adults: A Systematic Review. 95:103285.

Torres, J.L., Caba, K.H., Ganoza, L.C., Castaneda, M.L., Campos, R.M., Dante, F.D., Vergel, G.B.,dan Rojas, C.C., (2023) Mikroleakage of Clas II Bulk-Fill Resin Composite Restoration Cured with Light-Elimittin Diode versus Quartz Tungsten-Halogen Light: An In Vitro Study in Human Teeth. *Biomedicines.* 11(2): 1-13.

Utami, F.S., (2021) Pengaruh Perendaman Minuman Berkarbonasi terhadap Kekerasan Permukaan Glass Ionomer Cement Konvensional: Literature Review. Semarang: Skripsi Fakultas Kedokteran Gigi. pp 6.

Valinoti, A.C., Neves, B.G., Silva, E.M., Maia, L.C., (2008) Surface degradation of composite resins by acidic medicines and pH-cycling. *J Appl Oral Sci*. 16(4): 257- 265.

Vidyanara, I.R., Giri, P.R.K., dan Kusumadewi, S., (2021) Perbedaan Kebocoran Mikro antara Resin Komposit *Fiber* dan *Non Fiber* pada Kavitas Kelas I. *Bali Dental Journal*. 5(1): 46-50.

Widyastuti, N.H., dan Rini, D.S., (2023) Pengaruh Air Perasan Jeruk Nipis (Citrus Aurantifolia S.) sebagai Cavity Cleanser terhadap Kekuatan Tarik Bahan Adhesive Self-Etch. *Padjajaran Journal of Dental Researcher and Students.*7(1): 52-56.

Yoshikawa, T., Burrow, M.F., dan Tagami, U., (2001) The Effects of Bonding System and Light Curing Method on Reducing Stress of Different C-factor Cavities. *J Adhesive Dent.* 3:(1)77-183.

Zavare, D., Merrikh, M., dan Hossein Akbari., (2023) Comparison of the shear bond strength in Giomer and Resin Modifies Glass Ionomer in Class V lesion. *Heliyon 9.* 9(3): 2-6.