

DAFTAR PUSTAKA

- Albers, H. F. (2002) 'Tooth-colored restoratives: principles and techniques Medicine and the internet — the essential guide for doctors', *BC Decker Inc*, (9 Edition).
- Almuhaiza, M. (2016) 'Glass-ionomer Cements in Restorative Dentistry: A Critical Appraisal', *The Journal of Contemporary Dental Practice*, 17(April), pp. 331–336.
- Anusavice (2013) *Phillips' Science of Dental Materials*.
- Asif, M. *et al.* (2018) 'Evaluation Of Loosely Bound Water Loss From Different Compositions Glass Ionomer Cement', *J Ayub Med Coll Abbottabad*, 30(30(4 Suppl 1)), pp. 633–638.
- Bala, O. *et al.* (2012) 'Evaluation of surface roughness and hardness of different glass ionomer cements', *European Journal of Dentistry*, Vol 6. doi: 10.1055/s-0039-1698934.
- Burrow, M. F. *et al.* (2003) 'Microtensile bond strengths to caries-affected dentine treated with Carisolv', *Australian Dental Journal*, Vol 2(2), p. Pages 110–114.
- Claussen, K. *et al.* (2019) 'Kit Of Parts For Producing A Paste Type Glass Ionomer Cment, Pricess Of Production and Use Thereof', *United States Patent Application Publication*, (US 2019 / 0046419 A1).
- Diansari, V., Ningsih, D. S. and Moulinda, C. (2016) 'Evaluasi Keekerasan Glass Ionomer Cement (GIC) Setelah Perendaman Dalam Minuman Berkarbonasi', *Cakradonya Dental Journa*, 8(2), pp. 111–116.
- Dionysopoulos, D. *et al.* (2017) 'Evaluation of Surface Microhardness and Abrasion Resistance of Two Dental Glass Ionomer Cement Materials after Radiant Heat Treatment', *Advances in Materials Science and Engineering*, (Article ID 5824562), p. 8 pages.
- Dundu, M. A. J., Aditya, G. and Hadianto, E. (2017) . 'Pengaruh Larutan Ekstrak Daun Sirih (Piper Betle L.) 50% Terhadap Pelepasan Ion Metal (Ni, Cr dan Fe) Pada Breket Ortodontik.', 4, pp. 32–37.
- Fanita, V. A. and Aziz, I. (2018) 'Penentuan beban indentor ideal micro vickers hardness tester matsuzawa mmt-x7', *batan*, (ISSN 0216-3128), p. pages 59–62.
- Fidela, M. *et al.* (2018) 'Positive correlation between fluoride release and acid erosion of restorative glass-ionomer cements', *Dental Materials*. The Academy of Dental Materials, 3253, p. 9. doi: 10.1016/j.dental.2018.11.007.
- Firdausy, M. D. (2019) 'SURFACE DETERIORATION OF GIC TYPE II BASED ON ITS EXPIRATION DATE AFTER IMMERSION IN CARBONATED DRINK', 6, pp. 99–106.
- Fuhrmann, D. *et al.* (2019) 'Properties of New Glass-Ionomer Restorative Systems Marketed for Stress-Bearing Areas', *Operative Dentistry*. doi: 10.2341/18-176-L.
- Garoushi, Sufyan *et al.* (2020) 'Incorporation of cellulose fiber in glass ionomer cement', *European Journal of Oral Sciences*, vol 1–8 DO(27), p. pages 1-8. doi: 10.1111/eos.12668.

- Guggenberger, R., May, R. and Stefan, K. P. (1998) 'New trends in glass-ionomer chemistry', *Biomaterials*, 19, pp. 479–483.
- Hokii, Y., Yoshimitsu, R. and Fusejima, F. (2017) 'Dental Glass Ionomer Cement Composition', *United States Patent Application Publication*, vol 1(19).
- Kafalia, R. F., Firdausy, M. D. and Nurhapsari, A. (2018) 'Pengaruh Jus Jeruk Dan Minuman Berkarbonasi Terhadap Kekerasan Permukaan Resin Komposit', *ODONTO : Dental Journal*, 4(1), p. 38. doi: 10.30659/odj.4.1.38-43.
- Kaga, N. *et al.* (2020) 'Protective Effects of GIC and S-PRG Filler Restoratives on Demineralization of Bovine Enamel', *Materials*.
- Kantovitz, K. R. *et al.* (2020) 'TiO₂ nanotubes improve physico-mechanical properties of glass ionomer cement', *dental materials*, (3496), p. pages 1-8. doi: 10.1016/j.dental.2020.01.018.
- Khaghani, M. *et al.* (2013) 'Evaluation of Strontium-Containing Glass Ionomer Cement', *Hindawi Publishing Corporation ISRN Ceramics*, pp. 1–8.
- Khodadadi, E. *et al.* (2015) 'Comparative Evaluation of Surface Hardness of Different Resin-Modified Glass Ionomers and a Compomer.', *Journal of Dentomaxillofacial Radiology, Pathology and Surgery*, Vol 4, No3(December 2015). doi: 10.18869/acadpub.3dj.4.3.1.
- Klee, J. E. *et al.* (2018) 'Polymer For A Glass Ionomer Cement', *United States Patent Application Publication*, Vol 2(US 9, 993, 395 B2).
- Kumayasari, M. F. and Sultoni, A. I. (2017) 'Studi Uji Kekerasan Rockwell Superficial VS Micro Vickers', *JURNAL TEKNOLOGI PROSES DAN INOVASI INDUSTRI*, Vol 2(2).
- Leander, M. (2015) 'Implementasi sosialisasi jaminan kesehatan nasional dalam pelayanan di poli gigi puskesmas rurukan tomohon', (November).
- Lengkey, C. H. E., Mariati, N. W. and Pangemanan, D. H. C. (2015) 'Gambaran Penggunaan Bahan Tumpatan Di Poliklinik Gigi Puskesmas Kota Bitung Tahun 2014.', *Jurnal e-GiGi (eG)*, Vol 3(2).
- Maharani, N. *et al.* (2017) 'Perbedaan nilai kekerasan permukaan glass ionomer cement (GIC) dan resin modified glass ionomer cement (RMGIC) akibat efek cairan lambung buatan secara in vitro', *Padjadjaran J Dent Res Student*, Vol 1(2), p. Pages 77-83.
- Maulana, N. B. (2018) 'Pengaruh Variasi Beban Indentor Vicker Hardness Tester Terhadap Hasil Uji Kekerasan Material Aluminium Dan Besi Cor', *JURNAL MER-C*, Vol 1(10).
- McCabe, J. F. and Walls, A. W. G. (2008) 'applied dental materials'. Black well, p. 9 edt.
- Moheet, I. A. *et al.* (2019) 'Evaluation of fluoride ion release and color stability of nano-hydroxyapatite-silica added glass ionomer cement for dental application', *Research report Fluoride*, p. Pages 1-12.
- Nadia, A. A., Eriwati, Y. and Damayanti, M. (2017) 'The effect of CPP-ACP paste on the surface hardness of glass ionomer cement when immersed in orange juice The effect of CPP-ACP paste on the surface hardness of glass ionomer cement when immersed in orange juice', *Journal of Physics: Conference Series PAPER*, (884 (2017) 012004 doi).
- Najeeb, S. *et al.* (2016) 'Modifications in Glass Ionomer Cements : Nano-Sized

- Fillers and Bioactive Modifications in Glass Ionomer Cements : Nano-Sized Fillers and Bioactive Nanoceramics', *International Journal of Molecular Sciences* , Vol 12. doi: 10.3390/ijms17071134.
- Okada, K. *et al.* (2001) 'Surface hardness change of restorative ® lling materials stored in saliva', *dental materials*, 17, pp. 34–39.
- Panadandeh *et al.*, 2018 'Effect of incorporation of zinc oxide nanoparticles on mechanical properties of conventional glass ionomer cements. *J Conserv Dent*. 2018 Mar-Apr; 21(2): 130–135.doi: 10.4103/JCD.JCD_170_17
- P, N. U. and Kishore, G. (2005) 'Glass Ionomer Cement – The Different Generations', *Trends Biomater*, 18(2), pp. 157–165.
- Panduan Pelayanan BPJS, P. (2017) 'panduan praktis Pelayanan Gigi & Prothesa Gigi Bagi Peserta JKN'.
- Peutzfeldt A.1996.Compomers and glass ionomers: bond strength to dentin and mechanical properties..*American Journal of Dentistry*, 01 Dec 1996, 9(6):259-263
- Putri, Y. I. R., Firdausy, M. D. and Woroprobosari, N. R. (2018) 'Tingkat Kekerasan Permukaan Resin Komposit Akibat Masa Kadaluarsa.', *ODONTO Dental Journal.*, Vol 5, p. Pages 45-48.
- Rachmawati, P. and Wisnujati, A. (2017) 'Pengaruh Penambahan 2 , 5 % Ti-B terhadap Sifat Mekanik Poros Berulir (Screw) Berbahan Dasar 40 % Aluminium Bekas dan 60 % Piston Bekas', *Jurnal ENGINE*, Vol 2, p. pp no 8-18. doi: 10.30588/jeemm.v1i2.255.
- Rizzante, F. A. P. *et al.* (2015) 'Indications and restorative techniques for glass ionomer cement', *The South Brazilian Dentistry Journal RSBO*, 12(1), pp. 79–87.
- Sarjono, M. I., Wicaksono, D. A. and Pengemanan, D. (2014) 'Gambaran Penggunaan Material Restorasi Semen Ionomer Kaca Di Poli Gigi Rumah Sakit Bhayangkara Manado.', *Jurnal e-GiGi (eG)*, Vol 2(2).
- Septishelya, P. F. *et al.* (2016) 'Kadar kelarutan □ uor Glass Ionomer Cement setelah perendaman air sungai dan akuades', *Majalah Kedokteran Gigi Indonesia*, Vol 2(2), p. pages 95-100.
- Shabrina, N., Diansari, V. and Novita, C. F. (2016) 'Gambaran Penggunaan Bahan Amalgam, Resin Komposit dan Glass Ionomer Cement (GIC) Di Rumah Sakit dan Mulut Unsyiah Pada Bulan Juli-Desember 2014', *Journal Caninus Denstistry*, Vol 1, p. Pages 9-11.
- Sidhu, S. K. and Nicholson, J. W. (2016) 'A Review of Glass-Ionomer Cements for Clinical Dentistry', *Journal of Functional Biomaterials*, Vol 7, p. Pages 201-215. doi: 10.3390/jfb7030016.
- Singh, T. R. M. *et al.* (2011) 'Glass Ionomer Cement (GIC) In Dentistry: A Rewiew', *International Journal of Plant, Animal, and Environmental Science*, Vol1(1), p. Pages 26-30.
- Tanaka, K., Yarimizu, H. and Ota, D. (2016) 'Dental Glass Ionomer Cement Composition', *United States Patent Application Publication*, Vol 2(12).
- Tyagi, S., Thomas, A. M. and Sinnappah-kang, N. D. (2020) 'Biomaterial Investigations in Dentistry A comparative evaluation of resin- and varnish-based surface protective agents on glass ionomer cement – a

- spectrophotometric analysis', *Biomaterial Investigations in Dentistry*. Taylor & Francis, 7(1), pp. 25–30. doi: 10.1080/26415275.2020.1711760.
- Wigati, P. R., Pangemanan, D. H. C. and Parengkuan, W. G. (2016) 'Gambaran Penggunaan Bahan Tumpatan Di Rumah Sakit Gigi dan Mulut PSPDG Fakultas Kedokteran UNSRAT Tahun 2015', *PHARMACONJurnal Ilmiah Farmasi – UNSRAT*, Vol 5(2), p. Pages 44-49.
- Xie, D. *et al.* (2000) 'Mechanical properties and microstructures of glass-ionomer cements &', 16, pp. 129–138.
- YAP, A. U. ., PEK, Y. . and CHEANG, P. (2003) 'Physico-mechanical properties of a fast-set highly viscous GIC restorative', *Journal of Oral Rehabilitation*, (30), pp. 1–8.
- Yap, Teo & Teoh. 2001. Comparative Wear Resistance of Reinforced Glass Ionomer Restorative Materials. *Operative Dentistry*, 2001, 26, 343-348
- Yuristiawan, F., Gunawan and Iryani, D. (2018) 'Perbandingan Kekerasan Bahan Glass Ionomer Cement Yang Di Rendam Antara Obat Kumur Beralkohol Dengan Obat Kumur Bebas Alkohol.', *Andalas Dental Journal*, pp. 98–105.

