

DAFTAR PUSTAKA

- Alnasser M, Finkelman M, Papathanasiou A, Suzuki M, Ghaffari R, Ali A. (2019). 'Effect of Acidic pH on Surface Roughness of Esthetic Dental Materials'. *J Prosthet Dent*. PMID: 31699448.
- Alzraikat H., Burrow M. F, Maghaireh G. A, Taha N. A. (2018). 'Nanofilled Resin Composite Properties and Clinical Performance: A Review'. *Oper Dent*. 3(4): E173-E190. doi: 10.2341/17-208-T. PMID: 29570020.
- Anusavice, K. J. (2003). '*Phillips' Science Of Dental Materials*'. 11th Edn. Stlouse: Elsevier Inc.
- Anusavice, K. J. (2004). '*Phillip's Science of Dental Materials*'. 10th ed., W. B. Saunders Company, Philadelphia.
- Anusavice, K. J., Shen, C., Rawls, H. R. (2013). '*Phillip's Science of Dental Materials*'. Ed 12. St. Louis, Missouri: Elsevier Saunders.
- Behl, S., Rajan, G., Ellakwa, A., Farrar, P., & Prusty, B. G. (2020). 'Physical and Mechanical Characterisation of Flowable Dental Composites Reinforced with Short Aspect Ratio Micro-Sized S-Glass Fibers'. *Materials science & engineering. C, Materials for biological applications*, 111, 110771.
- Brożek R, Pałka K, Koczorowski R, Dorocka-Bobkowska B. (2020). 'Effect of artificial Saliva on the Mechanical Properties of a Polymer Material Reinforced with Fiber, Used in Esthetic Tooth Restorations'. *Dent Med Probl*. 57(3):261-267. doi: 10.17219/dmp/118642. PMID: 33001592.
- Faizah, A., Widjijono, W., Nuryono, N. (2017) 'Pengaruh Komposisi Beberapa Glass Fiber Non Dental Terhadap Kelarutan Komponen Fiber Reinforced Composites', *Majalah Kedokteran Gigi Indonesia*, 2(1), P. 13.
- Febriani, L. P., Widya, P. S., Dewi, E., (2019). 'Uji Kekerasan Fiber Reinforced Composite dengan E-Glass Fiber Dental dan E-Glass Fiber Nondental'. *Jurnal Kedokteran Gigi*, 31(1).
- Freilich, M. A., Meiers, J. C., Duncan, J. P., Goldberg, A., (2000) '*Fiber Reinforced Composite in Clinical Dentistry*'. United States: Quintessence Publishing Co Inc., U.S.
- Furtos, G., Tomoaia, C. M., Prejmerean, C. (2013) 'Resin Composites Reinforced by Glass Fibers with Potential Biomedical Applications. Structure and Mechanical Properties', *Particulate Science and Technology*, 31(4), Pp. 332–339.
- Garoushi, S., Vallittu, P., Lassila, L. (2011). 'Fracture Toughness, Compressive Strength and Load-bearing Capacity of Short Glass Fiber Reinforced Composite Resin.' *The Chinese journal of dental research: the official journal of the Scientific Section of the Chinese Stomatological Association (CSA)*. 14. 15-9.

- Garoushi S, Vallittu P, Lassila L. (2019) 'Mechanical properties and radiopacity of flowable *fiber*-reinforced composite'. *Dent Mater J.* 31;38(2):196-202. doi: 10.4012/dmj.2018-102. PMID: 30449830.
- Hamouda, I. M. (2011) 'Effects of Various Beverages on Hardness, Roughness, and Solubility of Esthetic Restorative Materials', *Journal of Esthetic and Restorative Dentistry*, 23(5), pp. 315–322. doi: 10.1111/j.1708-8240.2011.00453.x.
- Harniati, E. D., (2018). 'Pengaruh Orientasi dan Jenis *Glass Fiber Non Dental* Terhadap Kekuatan Fleksural *Fiber Reinforced Composite*'. Universitas Gajah Mada. Tesis.
- Kanie, T., Fujii, K., Arikawa, H., Inoue, K. (2000) 'Flexural Properties And Impact Strength Of Denture Base Polymer Reinforced With Woven *Glass Fibers*', *Dental Materials*, 16(2), Pp. 150–158.
- Kimoto, H., Kurisaki, J., Tsuji, N. M., Ohmomo, S., Okamoto, T. (1999). 'Lactococci as probiotic strains: adhesion to human enterocyte-like Caco-2 cells and tolerance to low pH and bile'. *Lett Appl Microbiol.* 29(5), Pp. 313- 316.
- Kurniawan, P. H. (2020). 'Material Teknik (Logam, Keramik, Polimer, dan Komposit)'. Politeknik Negeri Ujung Pandang Makassar. Skripsi.
- Mailindah, D. (2009). *Pengaruh Lama Perendaman Di Dalam Jus Jeruk Kemasan Terhadap Diametral Tensile Strength Resin Komposit*. Jakarta: Universitas Indonesia.
- Mallick, P. K. (2007). '*Fiber-Reinforced Composites, Materials, Manufacturing, and Design*'. 3 Rd Ed., Crc Press. 3rd Edn. United States: Crc Press.
- Mather, R. R, and Wardman, R. H. (2015) 'The Chemistry of Textile Fibres, Royal Society of Chemistry'. United Kingdom: Royal Society of Chemistry.
- McCabe, J. F. M., & Walls, A. W. (2012). '*Bahan Kedokteran Gigi*'. Jakarta: EGC
- Moritz, N., Strandberg, N., Zhao, D. S., Mattila, R., Paracchini, L., Vallittu, P. K., Aro, H. T. (2014). 'Mechanical Properties and In Vivo Performance of Load-Bearing *Fiber*-Reinforced Composite Intramedullary Nails with Improved Torsional Strength'. *Journal of the Mechanical Behavior of Biomedical Materials*, 40, 127-139.
- Nasir, V., Karimipour, H., Taheri-Behrooz, F., & Shokrieh, M. M. (2012). 'Corrosion Behaviour and Crack Formation Mechanism of Basalt Fibre in Sulphuric Acid'. *Corrosion science.* 64, 1-7.
- Nurjayanti, E. D. (2011) 'Budidaya Ulat Sutera dan Produksi Benang Sutera Melalui Sistem Kemitraan pada Pengusaha Sutera Alam (PSA) Regaloh Kabupaten Pati', *Mediagro*, 7(2), Pp. 1–10.
- Poggio C, Dagna A, Chiesa M, Colombo M, Scribante A. (2012) 'Surface Roughness of Flowable Resin Composites Eroded by Acidic and Alcoholic Drinks'. *J Conserv*

Dent. 15(2):137-40. doi: 10.4103/0972-0707.94581. PMID: 22557811; PMCID: PMC3339007.

- Puspitasari, S. A., Siswomiharjdo, W., Harsini, H. (2016). 'Perbandingan Kekasaran Permukaan Resin Komposit Nanofiller pada Perendaman Saliva pH Asam'. *Jurnal Material Kedokteran Gigi*, p. 15-19. ISSN 2302-5271.
- Putriyanti, F., Herda, E., and Soufyan, A. (2012) 'Pengaruh Saliva Buatan Terhadap Diametral Tensile Strength Micro Fine Hybrid Resin Composite yang Direndam dalam Minuman Isotonic', *Journal PDGI*. 61(1), Pp. 43–47.
- Rahim T. N. A., Mohamad D, Md Akil H. (2012) 'Water Sorption Characteristics of Restorative Dental Composites Immersed in Acidic Drink'. *Dent Mater*; 28:63-70.
- Rusna, F. K., Firdausy, M. D., Nurhapsari, A. (2017). 'Pengaruh Jus Jeruk dan Minuman Berkarbonasi Terhadap Kekerasan Permukaan Resin Komposit'. *Odonto Dental Journal*, 4 (1).
- Sari, W. P., Sumantri, D., Dian, N. A. I., and Sunarintyas, S. (2014). 'Pemeriksaan Komposisi *Glass Fiber* Komersial dengan Teknik *X-Ray Fluorescence Spectrometer (XRF)*'. *Jurnal B-Dent*, 1(2):155-160.
- Sharafeddin, F., Alavi, A., and Talei, Z. (2013) 'Flexural Strength of *Glass* and *Polyethylene Fiber* Combined with Three Different Composites'. *Journal Of Dentistry (Shiraz, Iran)*, 14(1), Pp. 13–9.
- Soesilo, D., Santoso, R. E., Diyatri, I. (2005) 'Peranan Sorbitol Dalam Mempertahankan Kestabilan pH Saliva pada Proses Pencegahan Karies (The Role of Sorbitol In Maintaining Saliva's pH to Prevent Caries Process)'. *Maj. Ked. Gigi. (Dent. J.)*, Vol. 38. N, Pp. 25–28.
- Stamenovic, M., Putic, S., Rakin, M., Medjo, B., & Cikara, D. (2011). 'Effect of Alkaline and Acidic Solutions on The Tensile Properties of *Glass-Polyester Pipes*'. *Materials and Design*. 32(4), 2456-2461.
- Sugiyono. (2015). *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Bandung: Alfabeta.
- Syaodih, N. (2009). 'Metode Penelitian Pendidikan'. PT. Remaja Rosdakarya: Bandung. h.52.
- Syed, M. R., Bano, N. Z., Ghafoor, S., Khalid, H., Zahid, S., Siddiqui, U., Khan, A. S. (2020). 'Synthesis and Characterization of Bioactive *Glass Fiber*-Based Dental Restorative Composite'. *Ceramics International*.
- Tanimoto Y, Inami T, Yamaguchi M, Nishiyama N, Kasai K. (2015) 'Preparation, Mechanical, and In Vitro Properties of *Glass Fiber*-Reinforced Polycarbonate Composites for Orthodontic Application'. *J Biomed Mater Res B Appl Biomater*. 103(4):743-50. doi: 10.1002/jbm.b.33245. PMID: 25052046.

- Valinoti A. C., Neves B. G., Silva E. M., and Maia L. C. (2008) 'Surface degradation of composite resins by acidic medicines and pH-cycling'. *J Appl Oral Sci.* 16(4):257- 265.
- Vallittu, P. K. (2018) 'an Overview of Development and Status of *Fiber-Reinforced Composites* as Dental and Medical Biomaterials', *Acta Biomaterialia Odontologica Scandinavica*. Informa UK Limited, Trading As Taylor & Francis Group, 4(1), Pp. 44–55.
- Xing, D., Chen, L., Ma, Q., Hao, B., Gutnikov, S. I., Lazoryak, B. I. (2020). 'What happens to *glass fiber* under extreme chemical conditions?'. *Journal of Non-Crystalline Solids*, 548, 120331.
- Yadav, M., Kumar, D., Butola, R., & Singari, R. M. (2020). 'Effect of the Impact Strength of *Glass Fibre Reinforced Plastic Composite* Using Wet Layup Process'. *Materials Today: Proceedings*.
- Yang, H., Pei, D., Chen, Z., Lei, J., Zhou, L., & Huang, C. (2014). 'Effects of the Application Sequence of Calcium Containing Desensitising Pastes During Etch and Rinse Adhesive Restoration'. *Journal of Dentistry*. 42(9), 1115-1123.
- Ylä-Soininmäki A, Moritz N, Lassila L. V, Peltola M, Aro H. T, Vallittu P. K. (2013). 'Characterization of Porous *Glass Fiber-Reinforced Composite (FRC)* Implant Structures: Porosity and Mechanical Properties'. *J Mater Sci Mater Med*. 24(12):2683-93. doi: 10.1007/s10856-013-5023-1. PMID: 23929214.
- Zhang, M., and Matinlinna, J. P. (2012) 'E-*Glass Fiber Reinforced Composites* in Dental Applications', *Silicon*, 4(1), Pp.73–78.
- Zhao, Y., Shen, Z., Tian, Z., Huang, W., Wu, J., & Fan, Z. (2019). 'Corrosion behaviour of low dielectric *glass fibres* in hydrochloric acid'. *Journal of Non-Crystalline Solids*, 511, 212-218.