

## DAFTAR PUSTAKA

- Abbasgholipourghadim, M. and Malilah, M. (2015). Porosity and Pore Area Determination of Hollow Fiber Membrane Incorporating Digital Image Processing. *Recent Advances in Mechanics and Mechanical Engineering*, pp.118-23.
- Anusavice KJ. (2014). *Phillips' Science of Dental Materials, 11th Edition*. Philadelphia: WB Saunders, pp. 406-13.
- Banerjee A, Watson TF. (2015). *Picakard's Guide to Minimally Invasive Operative Dentistry, 10th Edition*. Oxford: Oxford University, pp. 110-11.
- Bassett, J. (2015) . To bulk fill or not to bulk fill, that is the question. *Dental economics* .pp. 105-8.
- Berger, SB., Paliolol AR, Cavalli V, Giannini M. (2009). Characterization of water sorption, solubility and filler particles of light cured composite resins. *Braz Dent J*. 20(4):314-318.
- Casiday R, Regina Frey. (2012). Blood, Sweat, and Buffers pH Regulation During Exercise Acid-Base Equilibria Experiment. Washington University.2012. p.6
- D'Alpino, P. H. P., da Rocha Svizero, N. and Carrilho, Marcela, C. (2018). Self-Adhering Composites. *Dental Composite Materials for Direct Restorations*. 10: 129–51.
- Da Silva, EM., Goncalves L, Guimaraes JGA, Poskus LT, dan Fellows CE. (2011). The Diffusion of Nanofilled and a Midfilled Resin Composite Immersed in Distilled Water, Artificial Saliva, and Lactic Acid. *Clin Oral Invest*. 15: 393-401.
- Dentiana, PD, Sunarintyas S. (2016). Influence of pH Variation to Monomer Release from Nanofiller Composite Resin. *J Mater Kedokt Gigi*. 2(5):20-27.
- Dhurohmah, Mujayanto, Chumaeroh. (2014). Pengaruh waktu Polishing dan Asam Sitrat Terhadap Mikrolekage pada Tumpatan Resin Komposit Nanofiller Aktivasi Light Emiting Diode-In Vitro. *Odonto Dental Journal*. 1(1):11-5.
- Didron, P., Chrzanowski, W. and Ellakwa, A. (2013). Effect of Temperatures on Polymerization Stress and Microleakage of Class V Composite Restorations. *Open Journal of Composite Materials*. 3(4):107-12.
- Ellen Krisanti Laurensia , Tri Endra Untara, dan S. D. (2014). Perbedaan Kebocoran Mikro Tumpatan Resin Komposit Flowable Bulkfill yang Menggunakan Bahan Bonding Total Etch dan Self Etch. *Jurnal Kedokteran Gigi*. 35:56–62.
- El Araby, Talic Y F . (2007). The Effect of Thermocycling on The Adhesion of Self-Etching Adhesive on Dental Enamel and Dentin. *J Contemp Dent Pract*. 16(2):106-10.
- El Sayed, H., Abdalla, A. Dan Shalby, M. (2014). Marginal Microleakage of Composite Resin Restoration Bonded by Densitizing One Self Etch Adhesive. *Tnta Dental Jurnal*. 11(3):180-88.

- Fais LM, Marcello CC, Silvia RH. (2010). Human Teeth Versus Bovine Teeth : Cutting Efectiveness of Diamond Burs. *Braz J Oral Sci.* 9(1):34.
- Felix KR, Maria CB, Luiz AK, Marcelo TD. (2013). Assessment of Acid Neutralizing Capacity in Cola Based Drinks and Energy Bevarage by Artificial Saliva. *The Journal of Contemporary Dental Practice.* 14(4):580.
- Flury S, Hayoz S, Peutzfeldt A, Hüsler J, Lussi A. (2012). Depth of cure of resin composites: is the ISO 4049 method suitable for bulkfill materials? *Dent Mater.* 28(5):521–8.
- Garg, N, Garg A. (2015). *Textbook of Operative Dentistry.* New Delhi: St. Louis. pp. 65, 273, 321.
- Ghassani, U. (2017). *Perbedaan Kebocoran Mikro Dentin Bonding Total Etch dan Self Etch Setelah Perubahan Suhu.* p.28.
- Hatrack CD, Eackle S. (2016) . *Dental Materials : Clinical Applications for Dental Assistans and Dental Hygienist.* Missouri: Elsevier. p.221.
- Hegde Mithra N, Hegde Priyadarshini, Chandra C Ravi. (2012). Morphological Evaluation of New Total Etching and Self Etching Adhesive System Interface with Dentin. *J Conserv Dent.* 15(2): 151-5.
- Jackson RD. (2014). Posterior composites and the new bulk fill materials. *Inside Dentistry.* 10(8):68-75.
- Kasraei, S., Azarsina, M., and Majidi, S. (2011). In Vitro Comparison of Microleakage of Posterior Resin Composites With and Without Liner Using Two-Step Etch-and-Rinse and Self-etch Dentin Adhesive Systems. *Operative Dentistry,* 36(2): pp.213-21.
- Kenshima, S., Francci C, Reis A, Loguercio AD, Filho LE. (2006). Conditioning Effect on Dentin, Resin Tags, and Hybrid Layer of Different Acidity Self-Etch Adhesive Applied to Thick and Thin Smear Layer. *Journal of Dentistry.* 23(10): 2.
- Khoroushi, M., Ehteshami A. (2016). Marginal microleakage of cervical composite resin restorations bonded using etch-and-rinse and self-etch adhesives: two dimensional vs. three dimensional methods. *Restor Dent Endod.* 41(2):83.
- Lassila LV, Nagas E, Vallittu PK, Garoushi S. (2012). Translucency Of Flowable Bulk-Filling Composites of Various Thicknesses. *Chinese Journal of Dental Research.* (15):31-5.
- Lokhande, Niket A, Amit S Padmai, Vishnu Pratap Singh Rathore, Shrikant Shigane, D N Jayashankar, Usha Sharma. (2014). Effectiveness of Flowable Resin Composite in Reducing Microleakage. *Journal of International Oral Health.*
- Manapallil J. (2016). *Basic Dental Materials.* New Delhi: Jaypee. pp. 172-9.
- Maryam, K, Ailin Ehteshami. (2015). Marginal Microleakage of Cervical Composite Resin Restorations Bonded Using Etch and Rinse and Self-etch Adhesive: Two Deminsional vs. Three Demensional Methods. *Restorative Dentistry and Endodontics.* 41(2): 83-90.

- Miletic, V., Peric, D., Milosevic, M., Manojlovic, D. and Mitrovic, N. (2016). Local Deformation Fields and Marginal Integrity of Sculptable Bulk-Fill, Low-Shrinkage and Conventional Composites. *Dental Materials*. 32(11): 131-2, 1441-51.
- Munoz, M., Luquw, I., Hass, V., Reis, A., Loguercio, A. Dan Bombarda, N. (2013). Immediate Bonding Properties of Universal Adhesive to Dentine. *Journal of Dentistry*. 41(5): 404-411.
- Nagpal, R., Tyagi, S., Manuja, N. and Singh, U. (2011). In Vitro Bonding Effectiveness of Self-Etch Adhesives with Different Application Techniques: A Microleakage and Scanning Electron Microscopic Study. *Journal of Conservative Dentistry*. 14(3): 258.
- 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*. 3(1): 9.
- Orlowski M Tarczydlo B, Chalas R. (2015). Evaluation of Marginal Integrity of Four Bulk-Fill Composite Materials: In Vitro Study. *Scientific World Journal*. pp.1-8.
- Perdagio, J, Saulo G, Hodges J S . (2003). Total-Etch Versus Self-Etch Adhesive Effect Postoperative Sensitivity. *JADA*. 134: 1621-28.
- Powers, J.M., Wataha, J.C. (2016). *Dental Materials Foundations And Applications*. Ed 11. Elsevier. p 134.
- Puspitarini, E. (2015). *Perbedaan Waktu Perendaman Resin Komposit Hibrid dalam Minuman Bersoda Terhadap Kebocoran Tepi Tumpatan*. pp.19,25-28.
- Prakki, A., Cilli R., Mondelli RFL, Kalachandra S, Pereira JC. (2005). Influence of pH Environment on Polymer Based Dental Material Properties. *Journal of Dentistry*. (33): 91-98.
- Prasetyo, E. A. (2005). Keasaman Minuman Ringan Menurunkan Kekerasan Permukaan Gigi (Acidity of Soft Drink Decrease The Surface Hardness of Tooth). *Dental Journal (Majalah Kedokteran Gigi)*, 38(2): 60.
- Ritter, Andre V., Boushell Lee, W., Walter Ricardo. (2019). *Sturdevant's. The Art and Science of Operative Dentistry 7th Ed*. pp. 417-18.
- Rouchon, V. and Belhadj, O. (2016). Calcium Hydrogen Carbonate (Bicarbonate) Deacidification. *Journal of Paper Conservation*, 17(3-4): 125-127.
- Sabdi S, Zaripah W, Bakar W, Husein A. (2011) . Assessment of Microleakage of Few Restorative Materials After Erosion by Acidic Solution. *Archives of Orofacial Science*. 6(6). 60–72.
- Sherwood, IA. (2010). *Essentials of Operative Dentistry*. New Delhi : Jaypee. p. 331.
- Somani, R., Jaidka, S. and Arora, S. (2016). Comparative Evaluation of Microleakage of Newer Generation Dentin Bonding Agents: An In Vitro Study. *Indian Journal of Dental Research*, 27(1): 86.

- Soares, CJ., Faria e Silva, Rodrigues, MP, Vilela, ABF, Pfeifer, CS, Tantbirojn, D & Versluis, A. (2017). Polymerization shrinkage stress of composite resins and resin cements – What do we need to know? *Brazilian Oral Research*.1:2.
- Soetojo, A. (2013). *Penggunaan Resin Komposit dalam Bidang Konservasi Gigi*. Surabaya: PT. Revka Petra Media. pp. 45-7.
- Top Brand Index 2019. *Top Brand Award 2019*. <https://www.topbrand-award.com/top-brand-index/>. [Accessed 22 Nov. 2019].
- Turkin M. (2003). Color Change of Three Veneering Composite After Staining, Bleecing, and Polishing Procedure. [www.iads.caylx.com](http://www.iads.caylx.com)
- Tsujimoto, A., Barkmeier W, Takamizawa T, Latta M, Miyazaki M. (2016). The Effect of Phosphoric AcidPre-etching Times on Bonding Performance and Surface Free Energy with Single-stepSelf-etch Adhesives. *Operative Dentistry*. 41(4):441-9.
- Van Ende, A., de Munck, J., Lise, D. P., & van Meerbeek, B. (2017). Bulk-fill composites: A review of the current literature. *Journal of Adhesive Dentistry*, 19(2): 95–109.
- Yoshihara K, Van Meerbeek B, Yoshida Y, Mine A, De Munck J, Van Landuyt KL (2011). State of the art of self-etch adhesives. *J dental Journal*. 27(1): 17-28.
- Yuan H, Li M, Guo B, Gao Y, Liu HL, Li JY. (2015). Evaluation of Microtensile Bond Strength and Microleakage of a Self-adhering Flowable Composite. *Journal of Adhesive Dentistry*. 535-43.