

DAFTAR PUSTAKA

- Agrawal A., Shigli, A., 2012, Comparison of Six Different Methods of Cleaning and Preparing Occlusal Fissure Surface Before Placement of Pit and Fissure Sealant: An in Vitro Study, *Journal of Indian Society of Pedodontics and Preventive Dentistry*, 30(1): 51-55.
- Akhoundi, M.S.A., Etemadi, A., Nasiri, M., Borujeni, E.S., 2017, Comparison of Enamel Morphologic Characteristics After Conditioning with Various Combination of Acid Etchant and Er:YAG Laser in Bonding and Rebonding Procedures: A SEM Analysis, *Journal of Dentistry Tehran University of Medical Sciences*, 14(3): 144-152.
- Al-Nori, A., 2009, The Early Microleakage of a Flowable Composite in Class V Restorations, *Al-Rafidain*, 9(1): 156-161.
- Alhabdan, A.A., 2017, Review of Microleakage Evaluation Tools, *Journal of International Oral Health*, 9(4): 141-145.
- Alvarenga, F.A.dS., Pinelli, C., Monteiro, L.dC., 2015, Reliability of Marginal Microleakage Assessment by Visual and Digital Methods, *European Journal of Dentistry*, 9(1): 1-5.
- Ansari, G., Oloomi, K., Eslami, B., 2004, Microleakage Assessment of Pit and Fissure Sealant with and without The Use of Pumice Prophylaxis, *International Journal of Paediatric Dentistry*, 14: 272-278.
- Asefi, S., Eskandarion, S., Hamidiaval, S., 2016, Fissure Sealant Materials: Wear Resistance of Flowable Composite Resins, *JODDD*, 10(3): 194-199.
- Avinash, J., Marya, C.M., Dhingra, S., Gupta, P., Kataria, S., Meenu, Bhatia, H. P., 2010, Pit and Fissure Sealants: An Unused Caries Prevention Tool, *JOHCD*, 4(1): 1-6.
- Bagherian, A., Akbari, M., Ansari, G., 2013, Microleakage Assessment of Fissure Sealant Following Fissurotomy Bur or Pumice Prophylaxis Use Before Etching, *Dent Res J.*, 10(5): 643-646.
- Balaprasannakumar, 2013, A Comparison of Enameloplasty Sealant Technique and Conventional Sealant Technique: An in Vivo Study, *Journal of Pharmacy and Bioallied Sciences*, 5(1): 569-572.
- Bekes, K., 2018, *Pit and Fissure Sealants*, Springer International Publishing, Cham, hal: 19.
- Bhandari, D.P.K., Anbuselyan, G.J., Karthi, M., 2019, Evaluation of Resin Penetration Depth in Enamel Surface for Orthodontic Bonding Exposed to

Five Types of Enamel Conditioning Methods: A Scanning Electron Microscopic Study, *J Pharm Bioallied Sci.*, 11(2): S221-S227.

Bird, D., and Robinson, D.S., 2018, *Modern Dental Assisting*, Elsevier, Missouri, hal: 95-98, 538.

Bonsor, S.J., and Pearson, G.J., 2013, *A Clinical Guide to Applied Dental Materials*, Elsevier Ltd., Churchill Livingstone.

Casamassimo, P.S., Fields, H.W., McTigue, D.J., Nowak, A.J., 2013, *Pediatric Dentistry: Infancy Through Adolescence*, Elsevier Saunders, Missouri, hal: 315-316.

Chaitra, T.R., Subba R.V.V., Devarasa, G.M., Ravishankar, T.L., 2010, Flowable Resin Used as a Sealant in Molars Using Conventional, Enameloplasty and Fissurotomy Techniques: An *in Vitro* Study, *J Indian Soc Pedod Prev Dent*, 28:145-50.

Dewi, T.U.S., Sudibyo, Harniati, E.D., 2018, Microleakage Resin Bis-GMA dan RMGIC Fissure Sealant Pada Perubahan Suhu Rongga Mulut, *Prosiding Seminar Nasional Mahasiswa Unimus*, 1: 20-27.

Dixit, K., Dixit, K.K., Pandey, R., 2012, Minimal Intervention Tooth Preparation: A New Era of Dentistry, *Journal of Dental Sciences & Oral Rehabilitation*, 4-7.

Eliades, G., Watts, D., Eliades, T., 2005, *Dental Hard Tissues and Bonding*, Springer, Berlin, hal: 23, 25, 26.

Fabianelli, A., Pollington, S., Davidson, C., Cagidiaco, M., Goracci, C., 2007, The Relevance of Microleakage Studies, *International Dentistry SA*, 9(3): 64-74.

Featherstone, J.D. B., 2008, Dental Caries: A Dynamic Disease Process, *Australian Dental Journal*, 53: 286-291.

Geiger, S. B., Gulayev, S., Weiss, E. L., 2000, Improving Fissure Sealant Quality: Mechanical Preparation and Filing Level, *Journal of Dentistry*, 28: 407-412.

Gasgoos, S.S., Sa'id, R.J., 2009, The Effect of Thermocycling on Shear Bond Strength of Two Types of Self Etch Primers. *Al-Rafidain Dent J.*, 9(2): 246 – 253.

Gopikrishna, V., 2015, *Preclinical Manual of Conservative Dentistry and Endodontics*, 2nd ed., Elsevier, Chennai, hal: 206.

Halterman, C.W., Raymanm M., Rabbach, V., 1995, Survey of Pediatric Dentists Concerning Dental Sealants, *American Academy of Pediatric Dentistry*, 17(7): 455-456.

- Hatirli, H., Yasa, B., Yasa, E., 2018, Microleakage and Penetration Depth of Different Fissure Sealant Materials After Cyclic Thermo-Mechanic and Brushing Simulation, *Dental Materials Journal*, 37(1): 15-23.
- Hoobi, Nibal Mohammed, 2016, Microleakage of Pit and Fissure Sealants after Using Different Occlusal Surface Preparation Technique: An In Vitro Study, *Journal Bagh College Dentistry*, 28(3): 172-177.
- Imam, S. R., Ramazani, N., Fayazi, M.R., 2015, Marginal Microleakage of Conventional Fissure Sealants and Self-Adhering Flowable Composite as Fissure Sealant in Permanent Teeth, *Journal of Dentistry Tehran University of Medical Sciences*, 12(6): 430-435
- Khan, M., 2014, *Short Handbook of Operative Dentistry: Concise Approach to Fundamentals of Operative Dentistry*, Karachi Medical and Dental College, Pakistan.
- Khanna, R., Pandey, R.K., Singh, N., Agarwal, A., 2009, A Comparison of Enameloplasty Sealant Technique with Conventional Sealant Technique: A Scanning Electron Microscope Study, *J. Indian Soc Pdod Prevent Dent.*, 27(3): 158-168.
- Khurshid, Z., Najeeb, S., Zafar, M.S., Sefat, F., 2019, *Advanced Dental Biomaterials*, Woodhead Publishing, Duxford, hal: 232.
- Knobloch, L.A., Kerby, R.E., Johnston, W., 2005, Microleakage and Bond Strength to Sealant to Primary Enamel Comparing Air Abrasion and Acid Etch Techniques, *Pediatric Dentistry*, 27(6): 463-469.
- Lalita, G. N., Girish, S.N., 2012, Effects of a Self-Etching Primer and 37% Phosphoric Acid Etching on Enamel: A Scanning Electron Microscopic Study, *The Journal of Contemporary Dental Practice*, 13(3): 280-284.
- Lee, E.H., Shin, W.Y., Bok, H.J., Lee, E.K., 2011, Comparison of Micro Leakage after Pit and Fissure Sealing by Preparation Form of Early Caries Lesion, *International Journal of Clinical Preventive Dentistry*, 7(3): 141-147.
- Lohbaner, U., 2010, Dental Glass Ionomer Cements as Permanent Filling Materials? – Properties, Limitations and Future Trends, *Materials*, 3: 76-96.
- Manappallil, J.J., 2010, *Basic Dental Materials*, 3rd ed., Jaypee Brothers Medical Publishers, New Delhi, hal: 70, 74, 77, 78, 138.
- Mariani, A., Sutrisno, G., Usman, M., 2018, Marginal Microleakage of Composite Resin Restoration with Surface, Sealant and Bonding Agent Application After Finishing and Polishing, *Journal of Physics Conference Series*, 1073: 1-7.

- Marya, C.M., 2011, *A Textbook of Public Health Dentistry*, Jaypee Brothers Medical Publishers, New Delhi, hal: 106-107.
- Muliyar, S., Shameem, K. A., Thankachan, R. P., Francis, P. G., Jayapalan, C. S., Hafiz, K. A. A., 2014, Microleakage in Endodontics, *Journal of Oral Health*, 6(6): 99-104.
- Muthu, M.S., and Sivakumar, N., 2011, *Pediatric Dentistry Principles and Practice*, Elsevier, New Delhi, hal: 245.
- Naaman, R., El-Housseiny, A., Alamoundi, N., 2017, The Use of Pit and Fissure Sealants-A Literature Review, *Dentistry Journal*, 5(34): 1-19.
- Parihar, N., Pilia, M., 2012, SEM Evaluation of Effect of 37% Phosphoric Acid Gel, 24% EDTA Gel, and 10% Maleic Acid Gel on The Enamel and Dentin for 15 and 60 Seconds: An In-Vitro Study, *International Dental Journal of Students Research*, 1(2): 29-41.
- Phinney, D. J. dan Halstead, J. H., 2017, *Dental Assisting A Comprehensive Approach*, Cengage Learning, Boston, hal: 397.
- Prabhakar, A.R., Murthy, S.A., Sugandhan, S., 2011, Comparative Evaluation of Length of Resin Tags, Viscosity and Microleakage of Pit and Fissure Sealants-an in Vitro Scanning Electron Microscope Study, *Contemp Clin Dent*, 2(4): 324-330.
- Reena, R.K., Gill, S., Miglani, A., 2011, Storage Media: A Neglected Variable for In Vitro Studies, *J of Ortho Soc*, 45(1): 5-8.
- Rekha, C.V., Varma, B., Jayanthi, 2012, Comparative evaluation of tensile bond strength and microleakage of conventional glass ionomer cement, resin modified glass ionomer cement and compomer: An in vitro study. *Contemp Clin Dent.*, 3(3):282-7.
- Roberson, T.M., Heymann, H.O., Swift, E.J., 2006, *Sturdevant's Art and Science of Operative Dentistry*, Mosby Elsevier, Missouri.
- Sakaguchi, R.L., and Powers, J.M., 2012, *Craig's Restoration Dental Materials*, Elsevier Mosby, Philadelphia, hal:150, 152.
- Sauro, S., Moteses, V.F., Makeeva, I., Marti, J.M., Martinez, R.G., Bautista, J.A.G., Llacer, V.F., 2018, Effects of Polyacrylic Acid Pre-Treatment on Bonded-Dentine Interfaces Created with a Modern Bioactive Resin-Modified Glass Ionomer Cement and Subjected to Cycling Mechanical Stress, *Materials (Basel)*, 11(10): 1884.
- Secilmis, A., Dilber, E., Gokmen, F., Ozturk, N., Telatar, T., 2011, Effects of Storage Solutions on Mineral Contents of Dentin, *Journal of Dental Sciences*, 6: 189-194.

- Selecman, J.B., Owens, B.M., Johnson, W.W., 2007, Effect of Preparation Technique, Fissure Morphology, and Material Characteristics on the In Vitro Margin Permeability and Penetrability of Pit and Fissure, Sealants, *Pediatric Dentistry*, 29(4): 308-314.
- Seraj, B., Mokhtari, S., Ghadimi, S., Ghanaat, F., Bagheri, H., 2018, Evaluation of Microleakage in Fissure Sealants following Contamination with Artificial Saliva at Different Curing Times with or without using Bonding Agent, *J Islam Dent Assoc Iran*, 30(3): 113-118.
- Sherwood, I.A., 2010, *Essentials of Operative Dentistry*, Jaypee Brothers Medical Publishers, New Delhi, hal: 313.
- Shinya, M., Shinya, A., Lassila, L.V.J., Gomi, H., Varrela, J., Vallitu, P.K., Shinya, A., 2008, Treated Enamel Surface Patterns Associated with Five Orthodontics Adhesive System Surface Morphology and Shear Bond Strength, *Dental Materials Journal*, 27(1): 1-6.
- Supriyadi, 2014, *Metode Penelitian Kesehatan Paradgm Kuantitatif*, Kelapa Pariwara, Surabaya, hal 64.
- Stewart, M., and Bagby, M., 2013, *Clinical Aspects of Dental Material: Theory, Practice, and Cases*, 4th ed., Lippincott Williams & Wilkins, Philadelphia, hal: 303.
- Tzifa, V., and Arhakis, A., 2013, Sealant Retention in Pits and Fissures: Preparation and Application Technique. *Bulk J Stom.*, 17: 9-17.
- Ugurlu, M., 2020, Bonding of a Resin-Modified Glass Ionomer Cement to Dentin Using Universal Adhesives, *Restor Dent Endod*, 45(3): e36.
- Veiga, N., Aires, D., Douglas, F., Pereira, M., Vaz, A., Rama, L., Silva, M., Miranda, V., Pereira, F., Vidal, B., Plaza, J., Bexiga, F., 2016, Dental Caries: A Review, *Journal of Dental and Oral Health*, 2(5): 1-3.
- Veiga, N.J., Ferreira, P.C., Correia, I.J., Pereira, C.M., 2014. Fissure Sealants: A Review of their Importance in Preventive Dentistry. *OHDM*, 13(4):987–993.
- Wright, J. T., Tampi, M.P., Graham, L., Estrich, C., Crall, J.J., Fontana, M., Gillete, E. J., Novy, B. B., Char, V., Donly, K., Hewlett, E. R., Quinonez, R. B., Chaffin, J., Crespín, M., Lafolla, T., Siegal, M.D., Cabra, A.C., 2016, Sealants for Preventing and Arresting Pit and Fissure Occlusal Caries in Primary and Permanent Molars, *JADA*, 147(8): 631-645.
- Zhang, L., Tang, T., Zhang, Z., Liang, B., Wang, X., Fu, B., 2013, Improvement of Enamel Bond Strengths for Conventional and Resin-Modified Glass

Ionomers: Acid-Etching vs. Conditioning, *Journal of Zhejiang University-
Science B*, 14(11): 1013-1024.