

DAFTAR PUSTAKA

- AAPD, 2003, Dental Growth and Development, http://www.aapd.org/media/policies_guidelines/rs_dentgrowthanddev.pdf
Accesed on 10 February 2018
- Arief, E., Kunarti, S., 2007. The effect of acidulated phosphate fluoride application on dental enamel surfaces hardness. *Dental Journal (Majalah Kedokteran Gigi)*, 40(3):144-7
- Ahovuo-Saloranta, A., Forss, H., Walsh, T., Nordblad, A., Mäkelä, M. Worthington, H.V., 2017, Pit and fissure sealants for preventing dental decay in permanent teeth. *The Cochrane Library*, 7:1-42
- Anusavice, K.J., Shen, C., Rawls, H.R., Bonding and Bonding Agents, in Anusavice, K.J., Shen, C., Rawls, H.R., 2013, *Phillips' Science of Dental Materials*. Elsevier Health Sciences, Misooouri, h. 271-3
- Burgess, J. dan Deniz C., 2007, Dental Adhesive: A Review and Case Report. *Inside Dentistry*, 3(8)
- Cardenas, A.M., Siqueira, F., Rocha, J., Szesz, A.L., Anwar, M., El-Askary, F., Reis, A. and Loguercio, A., 2016. Influence of conditioning time of universal adhesives on adhesive properties and enamel-etching pattern. *Operative dentistry*, 41(5): 481-490
- Cardoso, C.A.B., Magalhães, A.C., Rios, D., Lima, J.E.D.O., 2009. Cross-sectional hardness of enamel from human teeth at different posteruptive ages. *Caries Res*, 43(6): 491-4
- Casamassimo, P.S., Fields Jr, H.W., McTigue, D.J. and Nowak, A., 2012, *Pediatric Dentistry: Infancy through Adolescence*, 5/e. Elsevier India.
- Cheong, Y., Choi, S., Kim, S.J., Park, H.K., 2012. Nanostructural effect of acid-etching and fluoride application on human primary and permanent tooth enamels. *Materials Science and Engineering*, 32(5): 1127-1132.
- Chersoni, S., Bertacci, A., Pashley, D.H., Tay, F.R., Montebugnoli, L., Prati, C., 2011. In vivo effects of fluoride on enamel permeability. *Clinical oral investigations*, 15(4):443-449.
- Christiono, S., 2019. Efektivitas Resin Bis-gma Sebagai Bahan Fissure Sealant Pada Perubahan Suhu Dalam Mengurangi Kebocoran Tepi (Penelitian Eksperimental Laboratoris). *Majalah Ilmiah Sultan Agung*, 49(124): 50-58
- Combe, E.C., Burke, F.T., Douglas, W.H., 2013. *Dental biomaterials*, Springer, US, h.396-400

- Cury, J.A., de Oliveira, B.H., Dos Santos, A.P.P., Tenuta, L.M.A., 2016, Are fluoride releasing dental materials clinically effective on caries control?. *DENTAL*, 32(3):323-333
- Cvikl, B., Moritz, A., Bekes, K., 2018, Pit and Fissure Sealants—A Comprehensive Review. *Dent. J*, 6(2):18
- Dahniar, A., Santosa, P., Daradjati, S., Perbedaan Kebocoran Mikro Restorasi Resin Komposit Packable Menggunakan Bonding Total Etch, Self Etch dan Self Adhesive Flowable dengan Resin Komposit Flowable sebagai Intermediate Layer pada Dinding Gingival Kavitas Kelas II. *J Ked Gi*, 5(2): 21-28
- Darvell, B.W., Fluoride, in Darvell, B.W., 2018, *Materials science for dentistry*, 10th ed., Woodhead Publishing Elsevier, Kidlington, h. 276-7
- Eklund, S.A., Ismail, A.I., 1986. Time of development of occlusal and proximal lesions: Implications for fissure sealants. *J Publ Health Dent*. 46:114-121
- Feigal, R.J., 2002, The use of pit and fissure sealants. *Pediatric Dentistry*, 24(5), pp.415-422
- Feigal, R.J., Donly, K.J., 2006. The Use of Pit and Fissure Sealants. *Pediatr Dent*, 28(2): 143-50
- Gale, M.S. dan Darvell, B.W., 1999, Thermal cycling procedures for laboratory testing of dental restorations. *J Dent*, 27(2): 89-99
- Goršeta, K., 2015. Fissure Sealing in Occlusal Caries Prevention In Emerging Trends in Oral Health Sciences and Dentistry. *IntechOpen*. <https://www.intechopen.com/chapter/pdf-download/47954>. Accessed on 20 April 2019
- Hosoya, Y., Shiraishi, T., Puppini-Rontani, R.M., Powers, J.M., 2011, Effects of acidulated phosphate fluoride gel application on surface roughness, gloss and colour of different type resin composites. *J Dent*, 39(10): 700-6
- Hudiyati, M., Chairani, S., Rais, S.W., 2016. Pengaruh Jenis Fluor Topikal Terhadap Kebocoran Mikro pada Pit and Fissure Sealant. *Jurnal Material Kedokteran Gigi*, 5(1): 35-41
- Humphrey, S.P., dan Williamson, R.T., 2001, A review of saliva: normal composition, flow, and function. *The Journal Of Prosthetic Dentistry*, 85(2): 162-169
- Jaya, F dan Eriwati., 2011, Effect of Surface Treatment on Adhesion to Dentin. *Jurnal PDGI*. 60(1): 35-42
- Jodkowska, E., 2012. Sealing of Fissures on Masticatory Surfaces of Teeth as a Method for Caries Prophylaxis. *InTech*, 241-64

- Kajander, K.C., Uhland, R., Ophaug, R.H. and Sather, A.H., 1987. Topical fluoride in orthodontic bonding. *The Angle Orthodontist*, 57(1): 70-76.
- Kerr Product manual. Dyad flow self adhering flowable composite, 2009. <http://kerrdental.com.mx/wp-content/uploads/2017/05/Gu%C3%ADa-T%C3%A9cnica-Dyad-Flow.pdf> Accessed on: 20-10-2018
- Kucukyilmaz, E. dan Savas, S., 2015. Evaluation of different fissure sealant materials and flowable composites used as pit-and-fissure sealants: a 24-month clinical trial. *Pediatric dentistry*, 37(5): 468-473
- Logan, W.H.G., dan Kronfeld, R., 1933, Development of the human jaws and surrounding structures from birth to the age of fifteen years. *J Am Dent Assoc*; 20(3): 379-427
- Lygidakis, N.A., Dimou, G., Stamataki, E., 2009, Retention of fissure sealants using two different methods of application in teeth with hypomineralised molars (MIH): a 4 year clinical study. *European Archives of Paediatric Dentistry*, 10(4): 223-226
- Lynch, R.J., 2013. The primary and mixed dentition, post-eruptive enamel maturation and dental caries: a review. *IDJ*, 63: 3-13
- Martha, K., Ogolescu, A., Zetu, I., Ogolescu, E. and Pacurar, M., 2013. The Effect of Phosphoric Acid Etching Application Time on the Enamel Morphology—a Comparative SEM Study. *Rev Chim.(Bucharest)*, 64: 982
- Marvin, A.E. and Octarina, O., 2013. Efek Pra-perlakuan Resin Komposit dan Semen Ionomer Kaca Terhadap Kebocoran Tepi. *Jurnal Material Kedokteran Gigi*, 2(1):90-98
- McCabe, J.F dan Walls, A.W, 2008, *Bahan Kedokteran Gigi*, ed 3, EGC, Jakarta, h. 320-3, 342,
- McLean, D.E., Meyers, E.J., Guillory, V.L., Vandewalle, K.S., 2015. Enamel bond strength of new universal adhesive bonding agents. *Operative dentistry*, 40(4): 410-417
- Messer, L.B dan Mekertichian, K., Fluoride Modalities, in Cameron, A.C. dan Widmer, A.P., 2008, *Handbook of Pediatric Dentistry*, 8th ed., Churchill Livingstone Elsevier, Kidlington, h. 35-6
- Nasution, A.I, 2016, Jaringan Keras Gigi Aspek Mikrostruktur dan Aplikasi Riset. Universitas Syiah Kuala, Banda Aceh, h,7-17
- Palti, D.G., Machado, M.A., Silva, S.M, Abdo, R.C, Lima, J.E, 2018, Evaluation of superficial microhardness in dental enamel with different eruptive ages. *Braz Oral Res*, 22(4): 311-5
- Peterson, J., Rizk, M., Hoch, M., Wiegand, A., 2018, Bonding performance of self-adhesive flowable composites to enamel, dentin and a nano-hybrid composite. *Odontology*, 106(2): 171-180

Pop, A.S., Campian, R.S., Pacurar, M., Teodorescu, E., Bunta, O., Tarmure, V., 2017, Evaluation of Sealing Materials Adhesion to Enamel. *Materialie Plastice*, 54(1): 129-33

Powers, J.M., Sakaguchi, R.L. 2018, Craig's Restorative Dental Materials, Ed. Ke- 12. Elsevier, Philadelphia, h. 167-78

Prabhakar, A.R., Murthy, S.A., Sugandhan, S., 2011, Comparative evaluation of the length of resin tags, viscosity and microleakage of pit and fissure sealants—an in vitro scanning electron microscope study. *Contemp Clin Dent*, 2(4): 324-7

Rajesh, M., 2008, The Effect of PH of Etchant on the Bond Strength of a Two-step Total-etching Adhesive. Doctoral Dissertation, University of Alabama Birmingham.

Rao, A., dan Malhotra, N., 2011, The Role of Remineralizing Agents in Dentistry: A Review. *Compendium*, 32(6): 27-34

Raskin, A., D'Hoore, W., Gonthier, S., Degrange, M. and Déjou, J., 2001. Reliability of in vitro microleakage tests: A literature review. *Journal of Adhesive Dentistry*, 3(4): 295-304

Riskesdas. 2013. *Riset Kesehatan Dasar*.
<http://www.depkes.go.id/resources/download/general/Hasil%20Riskesdas%202013.pdf> Accessed on: 14 February 2019

Ross, M.H., dan Pawlina, W, Digestive System I: Oral Cavity and Associated Structures in Ross, M.H., dan Pawlina, W., 2006. *Histology A text and atlas with correlated cell and molecular biology*. 5th ed. Lippincott Williams & Wilkins. Philadelphia. United States, h. 485-7

Sachdeva, P., Goswami, M., Singh, D., 2016. Comparative evaluation of shear bond strength and nanoleakage of conventional and self-adhering flowable composites to primary teeth dentin. *Contemp Clin Dent*, 7(3): 326-31

Smallridge, J.A. dan Albadri, S, Operative Treatment of Dental Caries in Young Permanent Dentition in Welbury, R., Duggal, M.S., Hosey, M.T., 2012, *Paediatric Dentistry* 4th ed., Oxford University Press, United Kingdom, h. 159-164

Sundfeld, R.H., de Oliveira, C.H., Briso, A.L.F. and Sundfeld, M.L.M.M., 2005. Resin tag length of one-step and self-etching adhesives bonded to unground enamel. *Bull Tokyo Dent Coll*, 46(3), h. 43-49

Supriyadi, 2014, *Statistik Kesehatan*, Salemba Medika, Jakarta, h. 119

Tay, F.R., Pashley, D.H., King, N.M., Carvalho, R.M., Tsai, J., Lai, S.C.N., Marquezini, L., 2004, Aggressiveness of self-etch adhesives on unground enamel. *Operative Dentistry-University Of Washington*, 29: 309-316

- Torii Y, Itou K, Nishitani Y, Ishikawa K, Suzuki K. 2002. Effect of phosphoric acid etching prior to self-etching primer application on adhesion of resin composite to enamel and dentin. *Am J Dent*. 15(5):305-8
- Trushkowsky, R.D., Composite Resin: Fundamentals and Direct Technique Restorations, in Aeschheim, K.W., 2015, *Esthetic Dentistry A Clinical Approach to Techniques and Materials*, 3rd ed., Elsevier, Missouri, h. 83
- Van Meerbeek, B., De Munck, J., Yoshida, Y., Inoue, S., Vargas, M., Vijay, P., Van Landuyt, K., Lambrechts, P. and Vanherle, G., 2003, Adhesion to enamel and dentin: current status and future challenges. *Operative Dentistry-University Of Washington*, 28(3), pp. 215-235
- White, J.M. dan Eakle, W.S., 2000, Rationale and treatment approach in minimally invasive dentistry. *JADA*, 131, pp.13S-19S
- Wiegand, A., Buchalla, W., Attin, T., 2007, Review on Fluoride-Releasing Restorative Materials—Fluoride Release and Uptake Characteristics, Antibacterial Activity And Influence on Caries Formation. *Dental Materials*, 23(3): 343-362
- Wright, J.T., Tampi, M.P., Graham, L., Estrich, C., Crall, J. J., Fontana, M., dan Hewlett, E. R., 2016., Sealants for preventing and arresting pit-and-fissure occlusal caries in primary and permanent molars. *Pediatric dentistry*, 38(4): 282-308
- Wright, J.T., Crall, J.J., Fontana, M., Gillette, E.J., Nový, B.B., Dhar, V., Donly, K., Hewlett, E.R., Quinonez, R.B., Chaffin, J. and Crespin, M., 2016, Evidence-based Clinical Practice Guideline For The Use Of Pit-And-Fissure Sealants: A Report Of The American Dental Association And The American Academy Of Pediatric DentistrSy, *JADA*, 147(8): 672-682