

## DAFTAR PUSTAKA

- Ahmad, I. (2006). *Protocols for Predictable Aesthetic Dental Restorations* (1st ed.). Blackwell Munksgaard, a Blackwell Publishing Company.
- Al-Homaidhi, M., and Al-Dlaigan, Y. H. (2016). *Journal of International Oral Health. Microleakage of a Pit and Fissure Sealant used with Two Brands of Self-etching Adhesives: An In Vitro Study*, 8(3), 332-337. 10.2047/jioh-08-03-07
- Almujadi, dan Widiati, S. (2012). *Faktor-Faktor Yang Mempengaruhi Keberhasilan Mahasiswa Dalam Aplikasi Fissure Sealant Di Klinik Jurusan Kesehatan Gigi Politeknik Kesehatan Kementerian Kesehatan Yogyakarta*.
- Anusavice, K. J., Shen, C., and Rawls, H. R. (2012). *Phillips' Science of Dental Materials* (12th ed.). Elsevier Health Sciences.
- Anwar, A. I. (2016). *Makassar Dental Jurnal. Tingkat kebutuhan fissure sealant gigi molar pertama permanen pada murid sekolah dasar usia 6-7 tahun Kecamatan Mariso, Kota Makassar*, 5(2), 51-57.
- Arastoo, S., Behbudi, A., & Rakhshan, V. (2019). *Frontiers in Dentistry. In Vitro Microleakage Comparison of Flowable Nanocomposites and Conventional Materials Used in Pit and Fissure Sealant Therapy*, 16(1), 21-30.
- Asefi, S., Eskandarion, S., and Hamidiaval, S. (2016). *Journal of Dental Research, Dental Clinics, Dental Prospects. Fissure sealant materials: Wear resistance of flowable composite resins*, 10(3).
- Ayna, B., Çelenk, S., O Atas, O., Tümen, E., Uysal, E., and Toptanci, I. (2018). *Microleakage of Glass Ionomer based Restorative Materials in Primary Teeth: An In vitro Study*, 21(8), 1034-1037.
- Ayudia, T. K., Putri, K. S., and Fitria, I. (2015). *Andalas Dental Journal. Perbandingan Kebocoran Mikro Pada Restorasi Resin Komposit Mikrofiller Dengan Resin-Modified Glass Ionomer Cement (Rmgic) Pada Kavitas Klas V Gigi Anterior*, 3(2), 83-91.
- Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan RI. (2018). *Laporan Riskesdas Nasional*. Kementerian Kesehatan Republik Indonesia.
- Bahrololoomi, Z., Soleymani, A., and Heydari, Z. (2011). *Journal of Dental Research, Dental Clinics, Dental Prospects. In Vitro Comparison of Microleakage of Two Materials Used as Pit and Fissure Sealants*, 5(3), 83-86.

- Beltrán-Aguilar, E. D. B., Barker, L. K., Canto, M. T., Dye, B. A., Gooch, B. F., Griffin, S. O., Hyman, J., Jaramillo, F., Kingman, A., Nowjack-Raymer, R., Selwitz, R. H., Wu, T., & Centers for Disease Control and Prevention (CDC). (2005). *MMWR Surveill Summ. Surveillance for dental caries, dental sealants, tooth retention, edentulism, and enamel fluorosis--United States, 1988-1994 and 1999-2002*, 54(3), 1-43
- Banerjee, A., & Watson, T. F. (2011). *Pickard's Manual of Operative Dentistry* (9th ed.). Oxford University Press.
- Bekes, K. (Ed.). (2018). *Pit and Fissure Sealants*. Springer International Publishing.
- Beun, S., Bailly, C., Devaux, J., and Leloup, G. (2012). *Elsevier Health Journal. Physical, mechanical and rheological characterization of resin-based Pit and fissure sealants compared to flowable resin composites*, 28(4), 349–359.
- Butail, A., Dua, P., Mangla, R., Saini, S., Chauhan, A., and Rana, S. (2020). *International Journal of Clinical Pediatric Dentistry. Evaluation of Marginal Microleakage and Depth of Penetration of Different Materials Used as Pit and Fissure Sealants: An In Vitro Study*, 13(1), 38-42.
- Cecilia, C. - G., Reyes, S. M. G., Silva, A. P., Muñoz, C. S., and Ortiz-Ruiz, A. J. ´. (2018). *PLoS ONE. Microleakage of conventional light-cure resinbased fissure sealant and resin-modified glass ionomer sealant after application of a fluoride varnish on demineralized enamel*, 13(12).
- Cehreli, Z. C., & Güngör, H. C. (2008). *J Adhes Dent. Quantitative microleakage evaluation of fissure sealants applied with or without a bonding agent: Results after four-year water storage in vitro*, 10(5), 379-384.
- Chandra, S., Chandra, S., & Chandra, G. (2007). *Textbook of Operative Dentistry* (1st ed.). Jitendar P Vij.
- Christiono, S. (2014). *Majalah Ilmiah Sultan Agung. Efektivitas Resin Bis-Gma Sebagai Bahan Fissure Sealant Pada Perubahan Suhu Dalam Mengurangi Kebocoran Tepi (Penelitian Eksperimental Laboratoris)*, 49(124), 50-58.
- Condò, R., Cioffi, A., Riccio, A., Totino, M., Condò, S.G., and Cerroni, L. (2013). *Oral Implantol (Rome). SealantS in dentiStry: a SyStematic review of the literature*, 6(3), 67-74.
- Dentsply DeTrey GmbH. (2002). *Instructions for Use Dyract flow®*.
- Devara, A. R., Lunardhi, C. G.J., and Yuanita, T. (2016). *Conservative Dentistry Journal. Perbedaan Kebocoran Tepi antara GIC*

*Konvensional dan Resin Modified GIC pada Restorasi Kelas V*, 6(2), 71-81.

- Dewi, T. U. S., Sudiby, and Harniati, E. D. (2018). Prosiding Seminar Nasional Mahasiswa Unimus. *Microleakage Resin Bis-Gma Dan Rmgic Fissure Sealant Pada Perubahan Suhu Rongga Mulut*, 1, 20-27.
- Dolić, O., Vojinović, J., Obradović, M., Sukara, S., Kojić, Ž., and Trtić, N. (2010). *Application Of Composites, Compomers And Glass-Ionomer Cements In Caries Prevention On Occlusal Tooth Surface*, 1, 168 - 174.
- Fatmawati, D. W. A. (2011). J.K.G Unej. *Hubungan Biofilm Streptococcus Mutans Terhadap Resiko Terjadinya Karies Gigi*, 8(3).
- Fisher, J., & Glick, M. (2012). *A New Model for Caries Classification and Management: The FDI World Dental Federation Caries Matrix*, 143(6), 546-551.
- Fraunhofer, J. A. v. (2013). *Dental Materials at a Glance* (2nd ed.). John Wiley & Sons, Inc.
- Garg, N., and Garg, A. (2010). *Textbook of Operative Dentistry* (1st ed.). Jaypee Brothers Medical Publishers.
- Gunjal, S., L Nagesh, and Raju, H. (2012). *Indian Dental Journal. Comparative evaluation of marginal integrity of glass ionomer and resin based fissure sealants using invasive and non-invasive techniques: An in vitro study*, 23(3), 320-325.
- Hartini, I. G. A. A., Sumantri, and Angelina, Y. (2018). *Interdental: Jurnal Kedokteran Gigi. Pengaruh Teknik Sandwich Terhadap Kebocoran Tepi Pada Restorasi Kavitas Kelas Ii*, 14(2), 41-44.
- Jokstad, A. (2016). *Secondary caries and microleakage*, 32(1), 11-25.
- Joshi, K., Dave, B., Joshi, N., Rajashekhara, B., Jobanputra, L. H., and Yagnik, K. (2013). *Journal of International Oral Health. Comparative Evaluation of Two Different Pit and Fissure Sealants and a Restorative Material to check their Microleakage – An In Vitro Study*, 4(5), 35-39.
- Kashbour, W., Gupta, P., Worthington, H. V., and Boyers, D. (2020). *Cochrane Database Syst Rev. Pit and fissure sealants versus fluoride varnishes for preventing dental decay in the permanent teeth of children and adolescents*, (11).
- Katha, S., Bhayya, D. P., Gupta, S., Rao, A., pai, A., and Saxena, S. T. (2017). *Kathal, S., Bhayya, D., Gupta, S., Rao, A., Pal, A., and Saxena, S. (2017). Comparative Evaluation of Microleakage of Zirconomer, Amalgomer CR, and Conventional Glass Ionomer (Type II) as Restorative Cements in Primary Teeth: An in vitro Study.*

- Kidd, E. A. M. (2005). *Essentials of Dental Caries* (3rd ed.). Oxford University Press.
- Kidd, E. A.M., Smith, B. G.N., and Pickard, H. M. (2000). *Manual Konservasi Restoratif Menurut Pickard* (N. Sumawinata, Trans.; 6th ed.). Widya Medika.
- Limeback, H. (Ed.). (2012). *Comprehensive Preventive Dentistry* (1st ed.). Wiley-Blackwell.
- Manappallil, J. J. (2010). *Basic Dental Materials* (3rd ed.). Jaypee Brothers Medical Publishers (P) Ltd
- McCabe, J. F., and Walls, A. W.G. (2008). *Applied Dental Materials* (9th ed.). Blackwell Publishing Ltd.
- Meisida, N., Soesanto, O., and Chandra, H. K. (2014). Kumpulan jurnal Ilmu Komputer (KLIK). *K-Means untuk Klasifikasi Penyakit Karies Gigi*, 1(1), 12-22.
- Meyer-Lueckel, H., Paris, S., & Ekstrand, K. R. (2013). *Caries Management—Science and Clinical Practice*. Thieme Stuttgart.
- Miletic, V. (Ed.). (2018). *Dental Composite Materials for Direct Restorations*. Springer International Publishing.
- Mona, D., & Azalea, F. W. (2018). *Bali Medical Journal (Leaflet and pocketbook as an education tool to change level of dental health knowledge*, 7(3), 760-763.
- Mount, G. J. (2002). *An Atlas of Glass- Ionomer Cements A Clinician's Guide* (3rd ed.). Martin Dunitz.
- Mount, G. J., Hume, W. R., Ngo, H. C., & Wolff, M. S. (Eds.). (2016). *Preservation and Restoration of Tooth Structure* (3rd ed.). John Wiley and Sons Limited.
- Mujiyati. (2010). *Jurnal Kedokteran dan Kesehatan. Tingkat Keberhasilan Penggunaan Fissure Sealant Dalam Mencegah Terjadinya Karies Gigi Pada Pasien Klinik Preventif Dentistry Jurkesgi Poltekkes Palembang 2009*, 42(2), 2899-2902.
- Naaman, R., El-Housseiny, A. A., and Alamoudi, N. (2017). *dentistry journal. The Use of Pit and Fissure Sealants—A Literature Review*, 5(4), 34.
- Nabilla, K., Djafri, D., dan Sumantri, D. (2017). *Andalas Dental Journal. Perbandingan Kebocoran Mikro Pada Restorasi Komposit Engan Pemakaian Bonding Generasi Kelima Dan Bonding Generasi*, 5(2), 123-128.

- Natalia, Soeprihati, I. T., and Rantinah, S. B. (2015). *Jurnal Kedokteran Gigi UGM. Pengaruh Bahan Conditioning Terhadap Keberhasilan Semen Ionomer Kaca Sebagai Bahan Penutup Fisur Pada Gigi Permanen Dan Gigi Desidui (Kajian In Vivo)*, 6(4), 361 - 366.
- Olegário, I. C., Raggio, D. P., Hesse, D., Mendes, F. M., and Bonifácio, C. C. (2018). *Clinical Oral Investigations. Glass carbomer and compomer for ART restorations: 3-year results of a randomized clinical trial*, 23(4), 1761-1770.
- Pardi, V., Pereira, A. C., Ambrosano, G. M. B., and Meneghim, M. d. C. (2005). *The Journal of Clinical Pediatric Dentistry. Clinical evaluation of three different materials used as Pit and fissure sealant: 24-months results*, 29(2), 133-138.
- Pardi, V., Sinhoreti, M. A. C., Pereira, A. C., Ambrosano, G. M. B., and Manegnim, M. d. C. (2006). *Brazilian Dental Journal. In Vitro Evaluation of Microleakage of Different Materials Used as Pit-and-Fissure Sealants*, 17(1), 49-52.
- Pavuluri, C., Nuvvula, S., Kamatham, R. L., and Nirmala, S. (2014). *International Journal of Clinical Pediatric Dentistry,. Comparative Evaluation of Microleakage in Conventional and RMGIC Restorations following Conventional and Chemomechanical Caries Removal: An in vitro Study*, 7(3), 172-175.
- Petersen, P. E., Baez, R., Kwan, S., Ogawa, H., & WHO Oral Health Programme. (2010). *Future use of materials for dental restoration: report of the meeting convened at WHO HQ, Geneva, Switzerland 16th to 17th November 2009*. WHO Library Cataloguing-in-Publication Data
- Phinney, D., & Halstead, J. (2009). *Dental Materials Guide* (1st ed.). Delmar Cengage Learning.
- Pitts, N. B., Zero, D. T., Marsh, P. D., Ekstrand, K., Weintraub, J. A., Ramos-Gomez, F., Tagami, J., Twetman, S., Tsakos, G., and Ismail, A. (2017). *NATURE REVIEWS | DISEASE PRIMERS. Dental caries*, 3.
- Powers, J. M., & Wataha, J. C. (2008). *Dental Materials: Properties and Manipulation* (9th ed.). Mosby elsevier.
- Powers, J. M., Wataha, J. C., & Chen, Y.-W. (2018). *Dental Materials: Foundations and Applications* (11th ed.). Elsevier.
- Rekawati, A., and Frisca. (2020). *Tarumanagara Medical Journal. Hubungan kebiasaan konsumsi makanan kariogenik terhadap prevalensi karies gigi pada anak SD Negeri 3 Fajar Mataram*, 3(1), 1-6.
- Ricketts, D., & Bartlett, D. (Eds.). (2011). *Advanced Operative Dentistry Apractical approach* (1st ed.). Elsevier Ltd.

- Roberson, T. M., Heymann, H. O., & Swift, E. J. (Eds.). (2002). *Sturdevant's Art and Science of Operative Dentistry* (4th ed.). Mosby.
- Sakaguchi, R., Ferracane, J., & Powers, J. (Eds.). (2019). *Craig's Restorative Dental Materials* (14th ed.). Elsevier.
- Sener, Y., Botsall, M. S., Kucukyilmaz, E., Tosun, G., and Savas, S. (2014). *Journal of Restorative Dentistry*. *Polymerization shrinkage of six different fissure sealants*, 2(2), 88-91.
- Senjaya, A. A., Gejir, I. N., Kumala Ratih, I. A. D., and Supriani, N. N. D. (2019). *Jurnal Pengabmas Masyarakat Sehat*. *Pit and Fissure Sealent Sebagai Pencegahan Karies Gigi Bagi Siswa Sekolah Dasar Negeri Kukuh Kecamatan Marga Tabanan Tahun 2018*, 1(3), 170-176.
- Setiari, L. S., and Sulistyowati, M. (2017). *Jurnal Promkes*. *Tindakan Pencegahan Karies Gigi Pada Siswa Sekolah Dasar Berdasarkan Teori Health Belief Model*, 5(1), 59-70.
- Sharafeddin, F., and Feizi, N. (2017). *J Clin Exp Dent*. *Evaluation of the effect of adding micro-hydroxyapatite and nano-hydroxyapatite on the microleakage of conventional and resin-modified Glass-ionomer CI V restorations*, 9(2), 242-248.
- Sibarani, M. R. (2014). *Majalah Kedokteran UKI*. *Karies: Etiologi, Karakteristik Klinis dan Tatalaksana*, 30(1), 14-22.
- Sikri, V. K. (2017). *Dental Caries* (1st ed.). CBS Publishers & Distributors Pvt Ltd.
- Silaban, S., Gunawan, P. N., and Wicaksono, D. (2013). *e-GiGi*. *Prevalensi Karies Gigi Geraham Pertama Permanepada Anak Umur 8 – 10 Tahun Di SD Kelurahan Kawangkoan Bawah*, 1(2).
- Srivastava, V. K. (2011). *Modern Pediatric Dentistry* (1st ed.). Jitendar P Vij.
- Stewart, M., and Bagby, M. (2013). *Clinical Aspects of Dental Materials Theory, Practice, and Cases F O U R T H E D I T I O N* (4th ed.). Lippincott Williams and Wilkins, a Wolters Kluwer business.
- Sundari, I., Diansari, V., and Julianti, E. (2018). *Cakradonya Dental Journal*. *Perbandingan Tingkat Kebocoran Mikro Antara Resin Komposit dan Glass Ionomer Cement Sebagai Bahan Penutupan Fisura (Evaluasi In-Vitro Setelah Satu Bulan Aplikasi)*, 10(2), 121-128.
- Susi, Bactiar, H., and Azmi, U. (2012). *Majalah Kedokteran Andalas*. *Hubungan Status Sosial Ekonomi Orang Tua Dengan Karies Pada Gigi Sulung Anak Umur 4 Dan 5 Tahun*, 36(1), 96-105.

- Ulfah, M., Sudiby, and Harniati, E. D. (2017). Doctoral dissertation, Universitas Muhammadiyah Semarang. *Perbandingan Bahan Sealant Compomer dan Resin Bis-GMA terhadap Kebocoran mikro pada Efek Perubahan Suhu.*
- Welbury, R., Duggal, M. S., & Hosey, M. T. (Eds.). (2018). *Paediatric Dentistry* (5th ed.). Oxford University Press.
- Erry, H. W. J., dan Ardinansyah, A. (2019, Desember). ODONTO Dental Journal. *Perbedaan Efektifitas Retensi dan Preventif Karies Bahan Pit dan Fissuresealant*, 6(2).
- Zettira, N. Z., Proboşari, N., and Lestari, P. E. (2017). e-Jurnal Pustaka Kesehatan,. *Perlekatan Streptococcus mutans pada Aplikasi Fissure Sealant Berbahan Resin Dibandingkan dengan Ionomer Kaca Fuji VII*, 5(3)

