

## DAFTAR PUSTAKA

- Annusavice, J., Shen, C., Rawls, H.R., 2013, *Philip's Science of Dental Materials, 12<sup>th</sup> ed*, Elsevier Saunders: Missouri, h. 405-445.
- Apsari, A., Elly, M., Moh, Y., 2009, Perbedaan Kebocoran Tepi Tumpatan Resin Komposit Hybrid yang Menggunakan Sistem Bonding Total Etch dan Self Etch, *Jurnal PDGI*, 53(3): 121-127.
- Aviandani, M.J., Munadziroh, E., Yogiartono, M., 2012, Perbedaan Kebocoran Tepi Tumpatan Semen Ionomer Kaca dengan Pengadukan Secara Mekanik Elektrik dan Manual, *Jurnal PDGI*, 61(3): 81-87.
- Brand, R.W., Isselhard, D.E., 2014, *Anatomy of Orofacial Structures A Comprehensive Approach*, Edisi 7, Elsevier Mosby, Canada, h. 267.
- Budiarto, E., 2014, *Metodologi Penelitian Kedokteran: Sebuah Pengantar*, EGC: Jakarta, h. 80.
- Chandra, S., Shaleen, C., Girish, C., 2007, *Textbook of Operative Dentistry*, 220-222, Jaypee Brothers Medical Publishers, New Delhi, h. 11.
- Chen, S., Cai, Y., Engqvist, H., Xia, W., 2016, Enhanced Bioactivity of Glass Ionomer Cement by Incorporating Calcium Silicates, *BIOMATTER*, 6(1): 1-14.
- Coomaraswamy, K.S., Lumley, P.J., Hofmann, M.P., 2007, Effect of Bismuth Oxide Radiopacifier Content on the Material Properties of an Endodontic Portland Cement-Based (MTA-like) System, *Journal of Endodontics*, 33(3): 295-298.
- Darby, L., Walsh, M., 2014, *Dental Hygiene: Theory and Practice*, Elsevier: Philadelphia, h. 266-293
- Dashper, S.G., Catmull, D.V., Liu, S.W., Myroforidis, H., Zalizniak, I., Palamara, J.E.A., Huq, N.L., Reynolds, E.C., 2016, Casein Phosphopeptide-Amorphous Calcium Phosphate Reduces Streptococcus Mutans Biofilm Development on Glass Ionomer Cement and Disrupts Established Biofilms, *PLOS ONE*, 11(9): 1-14.
- Dickens, S.H., Flaim, G.M., Takagi, S., 2003, Mechanical Properties and Biochemical Activity of Remineralizing Resin-Based Ca-PO<sub>4</sub> Cements, *Dent Mater*, 19(6): 558-566.

- Divyapriya, G.K., Yavagal, P.C., Veeresh, D.J., 2016, Casein Phosphopeptide-Amorphous Calcium Phosphate in Dentistry: An update, *International Journal of Oral Health Sciences*, 6(1): 18-25.
- Doozandeh, M., Shafiei, F., Alawi, M., 2015, Microleakage of Three Types of Glass Ionomer Cement Restorations: Effect of CPP-ACP Paste Tooth Pretreatment, *J Dent Shiraz Univ Med Sci*, 16(3): 182-188.
- Douglas, A.Y., Gregory, G.Z., Thomas, C.H., 2015, *The American Dental Association Caries Classification System for Clinical Practice*, American Dental Association: New York, h. 146.
- Eid, A.A., Komabayashi, T., Watanabe, E., Shiraishi, T., Watanabe, I., 2012, Characterization of the Mineral Trioxide Aggregate-Resin Modified Glass Ionomer Cement Interface in Different Setting Conditions, *J Endod*, 38(8): 1-9.
- Es-Souni, M., Fischer-Brandies, H., Zaporozhshenko, V., 2002, On the Interaction of Polyacrylic Acid as a Conditioning Agent With Bovine Enamel, *Biomaterials*, 23: 2871-2878.
- Fejerskov, O., Kidd, E., 2008, *Dental Caries The Disease and its Clinical Management*, Blackwell Munksgaard Ltd.: h. 110.
- Ferreira, G., Ines, M., 2016, Bioactive Materials in Dentin Remineralization, *Odontostomatologia*, XVIII(28): 11-18.
- Gandolfi, M.G., Taddei, P., Siboni, F., Modena, E., De Stefano, E.D., Prati, C., 2011, Biomimetic Remineralization of Human Dentin Using Promising Innovative Calcium-Silicate Hybrid “Smart” Materials, *Elsevier*, 27: 1055-1069.
- Garg, N., Amit, G., 2013, *Textbook of Operative Dentistry*, Jaypee Brothers Medical Publishers, New Delhi, h. 283-290.
- Garg, N., Garg, A., 2015, *Textbook of Operative Dentistry*, Jaypee Brothers Medical Publisher: New Delhi, h. 78.
- Hamouda, I.M., Hagag, A.E., Manal, F.B., 2011, Microleakage of Nanofilled Composite Resin Restorative Material, *Journal of Biomaterials and Nanobiotechnology*, 2: 329-334.
- Ismail, AI Tellez, M., Pitts, N.B., 2013, Caries Management Pathways Preserve Dental Tissues and Promote Oral Health, *Journal Community Dental Oral Epidemiology*, 41(1): 12-40.
- ISO 11405., 2003, *Dental Materials – Testing of Adhesion to Tooth Structure TS*, h. 4.

- Kamalak, H., Mumcu, A., Altin, S., 2015, The Temperature Dependence of Microleakage between Restorative and Pulp Capping Material by Cu Diffusion, *The Open Dentistry Journal*, 9: 140-145.
- Kansu, G., Yilmaz, S.K., Kansu, P., 2013, Effect of Bleaching Agents and Whitening Dentrifices on the Surface Roughness of Human Teeth Enamel, *Acta Odon Scand*, 71: 448-497.
- Lakatos, S., Rominu, M., Florita, Z., Negritu, M., 2004, The Microleakage Between Titanium and Veneering Materials, *Timisoara Medical Journal*, 54(1): 77-80.
- Lamont, R.J., Jenkinson, H.F., 2010, *Oral Microbiology at a Glance*, Oxford: Blackwell Munksgaard Ltd, h. 35.
- Lestari, S., Aju, D.W.F., Annisa, K., Hidayatul, F., 2012, Kebocoran Tepi Restorasi Semen Ionomer Kaca dengan Bahan Fuji II, Fuji VII (White) dan Fuji VII (Pink), *Stomatognatic (J.K.G Unej)*, 9(1): 23-27.
- Mazzaoui, S.A., Burrow, M.F., Tyas, M.J., Dashper, S.G., Eakins, D., Reynolds, E.C., 2003, Incorporation of Casein Phosphopeptide-Amorphous Calcium Phosphate into a Glass-Ionomer Cement, *Journal of Dental Research*, 82(11): 914-918.
- Meizarini, A., Irmawati., 2005, Kekerasan Permukaan Semen Ionomer Kaca Konvensional Tipe II Akibat Lama Penyimpanan, *Maj. Ked. Gigi. (Dent. J)*, 38(3): 146-150.
- Mellisa., Ratih, D.N., Gunawan, J.A., 2011, Perbedaan Kekuatan Geser Perlekatan Mineral Trioxide Aggregate pada Waktu Pengerasan Berbeda Terhadap Semen Ionomer Kaca Konvensional dan Modifikasi Resin, *Journal Kedokteran Gigi*, 2(4): 278-284.
- Mickenautsch, J., Mount, G., Yengopal, V., 2011, Therapeutic Effect of Glass-ionomers: An Overview of Evidence, *Australia Dental Journal*, 56(1): 1-10.
- Nadia, A.A., Eriwati, Y.K., Damiyanti, M., 2017, The Effect of CPP-ACP Paste on the Surface Hardness of Glass Ionomer Cement When Immersed in Orange Juice, *Journal of Physics: Conference Series*, 884: 1-6.
- Phinney, D.J., Halstead, J.H., 2017, *Delmar's Dental Assisting: A Comprehensive Approach*, Thomson: Australia, h. 147-149.
- Rahiotis, C., Vougiouklakis, G., 2007, Effect of a CPP-ACP Agent on the Demineralization and Remineralization of Dentin In Vitro, *Journal of Dentistry*, 35: 695-698.
- Ramayanti, S., Purnakarya, I., 2013, Peran Makanan Terhadap Kejadian Karies Gigi, *Jurnal Kesehatan Masyarakat*, 7(2): 89-93.

- Reema, S.D, Lahiri, P.K, Roy, S.S., 2004, Review of Casein Phosphopeptides-Amorphous Calcium Phosphate, *The Chinese Journal of Dental Research*, 17(1): 7-14.
- Reynolds, E.C., 2008, Calcium Phosphate-Based Remineralization Systems: Scientific Evidence, *Australian Dental Journal*, 53: 268-273.
- Rizzante, F.A.P., Rafel, S.C., Juliana, F.S.B., Gisele, M.C., Carla, C.G., Adilson, Y.F., 2015, Indication and Restorative Techniques for Glass Ionomer Cements, *RSBO*, 12(1): 79-87.
- Scheid, R.C., 2012, *Woelfel's Dental Anatomy*, Philadelphia: Lippincott Williams and Wilkins, h. 313.
- Septishelya, P.F., Nahzi, M.Y.I., Dewi,N., 2016, Kadar Kelarutan Fluor Glass Ionomer Cement Setelah Perendaman Air Sungai dan Akuades, *Majalah Kedokteran Gigi Indonesia*, 2(2): 95-100.
- Shetty, N., Kundabala, M., 2013, Biominerals in Restorative Dentistry, *Journal of Interdisciplinary Dentistry*, 3(2): 64-70.
- Sidhu, S.K., Nicholson, J.W., 2016, A Review of Glass-Ionomer Cements for Clinical Dentistry, *Journal of Functional Biomaterials*, 7(16): 1-15.
- Skrtic, D., Antonucci, J.M., Eanes, E.D., 2003, Amorphous Calcium Phosphate-Based Bioactive Polymeric Composites for Mineralized Tissue Regeneration, *Journal of Research of the National Institute of Standards and Technology*, 108(3): 167-182.
- Souza, J.C.M., Silva, J.B., Aladim, A., Carvalho, O., Nascimento, R.M., Silva, F.S., Martinelli, A.E., Henriques, B., 2016, Effect of Zirconia and Alumina Fillers on the Microstructure and Mechanical Strength of Dental Glass Ionomer Cements, *The Open Dentistry Journal*, 10: 58-68.
- Srinivasan, V., Waterhouse, P., Whitworth, J., 2009, Mineral Trioxide Aggregate in Paediatric Dentistry, *International Journal of Paediatric Dentistry*, 19: 34-47.
- Tawil, P., Duggan, D.J., Galicia, J.C., 2016, MTA: A Clinical Review, *Compend Contin Educ Dent*, 36(4): 1-14.
- Tellez, M., Gomez, J., Kaur, S., Pretty, I.A., Ellwood, R., Ismail, A.I., 2013, Non-Surgical Management Methods of Noncavitated Carious Lesions, *Community Dentistry And Oral Epidemiology*, 41: 79-96.
- Widayati, N., 2014, Faktor yang Berhubungan dengan Karies Gigi pada Anak Usia 4-6 Tahun, *Jurnal Berkala Epidemiologi*, 2(2): 196-205.

Zhao, I.S., Mei, M.L., Zhou, Z.L., Burrow, M.F., 2017, Shear Bond Strength and Remineralisation Effect of a Casein Phosphopeptide-Amorphous Calcium Phosphate-Modified Glass Ionomer Cement on Artificial “Caries-Affected” Dentine, *International Journal of Molecular Sciences*, 18(1): 1-10.

