

DAFTAR PUSTAKA

- Anuradha P., Shalini A., Tanaya K., Karan B., dan Vinai R., 2016, The Evaluation of Interfaces Between MTA and Two Types of GIC (conventional and resin modified) under an SEM: An in vitro study, *Journal of Conservative Dentistry*; 19(3):254- 258.
- Anusavice K.J., 2013, *Phillips' Science of Dental Materials*, Elsevier, Missouri; 480-483.
- Ashraf E.A., Komabayashi T., Watanabe E., Shiraishi T., dan Watanabe I., 2012, Characterization of the mineral trioxide aggregate-resin modified glass ionomer cement interface in different setting conditions, *Journal of Endodontic*;38:1126-9.
- Baum L., Phillips R.W., dan Lund M.R., 2012, *Buku Ajar Ilmu Konservasi Gigi Alih bahasa Rasinta Tarigan*, EGC; 8.
- Berg J.H. dan Slayton R.L., 2016, *Early Childhood Oral Health*, London: Blackwell Munksgaard Ltd.
- Bharti R., Widhawani K.K., Tikku A.P., dan Chandra A., 2010, Dental Amalgam: An Update, *Journal of Conservative Dentistry*; 13(4):204-208.
- Bramante C., Demarchi A.C., de Moraes I.G., Bernadineli N., Garcia R.B., Spångberg L.S., dan Duarte M.A., 2008, Presence of Arsenic in Different Types of MTA and White and Gray Portland Cement. *Journal of Extension*; 98(3):376- 79.
- Budiarto E., 2014, *Metodologi Penelitian Kedokteran: Sebuah Pengantar*, EGC; 80.
- Camargo L.B., Malagrana A.P.V.F.P., Kim S.S.H., Hesse S., Tedesco T.K., Calvo A.F.B., Olegário I.C., dan Raggio D.P., 2015, Mechanical Properties of High-Viscosity Glass Ionomer Cement and Nanoparticle Glass Carbomer, *Journal of Nanomaterials*; 1(1):1-4.
- Camilleri J., 2008, Characterization of Hydration Products of Mineral Trioxide Aggregate. *International Endodontic Journal*; 41:408-17.
- Camilleri J., 2014, Mineral Trioxide Aggregate in Dentistry: From Preparation to Application, *Journal of Endodontic*; 40(3):436-40.
- Carvalho R.C., Bonifacio C.C., Shimaoka A.M., de Andre A.P., Raggio D.P., dan Van Amerongen W.E., 2012, Micro-mechanical Bond Strength Tests for The

- Assessment of The Adhesion of GIC to Dentine, *Acta Odontologica Scandinavica*, Vol. 70:555-563.
- Chen S., Cai Y., Engqvist H., dan Xia W., 2016, Enhanced Bioactivity of Glass Ionomer Cement by Incorporating Calcium Silicates, *Biomatter*; 6(1):1-14.
- Craig R.G., Powers J.M., dan Wataha J.C., 2007, Dental Materials Properties and Manipulation, Ninth Edition, *Mosby Incorporation*, St. Louis Missouri; 146-154.
- Elisabeth K.S. dan Manjunath M.K., 2007, Association between microtensile bond strength and microleakage at the resin based composite/dentine interface – an in vitro study, *Journal of conservative dentistry*; 10(4):134-140.
- Gandolfi M.G., Taddei P., Siboni F., Modena E., Ciapetti G., dan Prati C., 2011, Development of The Foremost Light-curable Calcium-silicate MTA Cement as Root-end in Oral Surgery. Chemical-physical Properties, Bioactivity and Biological Behavior, *Dental Material Journal*; 27-57.
- Goldberg M., Kulkarni A.B., Young M., dan Boskey A., 2012, Dentin: Structure, Composition and Mineralization: The Role of Dentin ECM In Dentin Formation and Mineralization, *National Institutes of Health Public Access*, Front Biosci (Elite Ed); 3:711-735.
- Gotliv B.A. dan Veis A., 2007, Peritubular Dentin, a Vertebrate Apatitic Mineralized Tissue without Collagen: Role of a Phospholipid-Proteolipid Complex, *Calcified Tissue International*; 81:191–205.
- Hasija S., Sandeep C., Makhija N., dan Kiran U., (2014) Comparison of the Hemodynamic Effects of the Induction Agents Ketamine, Etomidate and Sevoflurane Using the Model of Electrical Velocimetry Based Cardiac Output Monitoring in Pediatric Cardiac Surgical Patients. *World Journal of Cardiovascular Surgery*; (4):167-175.
- Ibrahim A.T., Nisa G., dan Amit, G., 2015, *Textbook of Operative Dentistry 3rd Edition*, Jaypee Brothers Medical Publishers; 24:420-439.
- Ingle A., Gade A., Pierrat S., Sonnichsen C., dan Rai, M., 2008, Mycosynthesis of Silver Nanoparticles Using The Fungus *Fusarium Acuminatum* and Its Activity Against Some Human Pathogenic Bacteria, *Current Nanoscience Journal*; 4:141–144.
- ISO 11405., 2003, *Dental Materials – Testing of Adhesion to Tooth Structure TS*; 4.

- Juliatri D.H.C., Pangemanan, dan Dwi Cahya Fitriyana, 2014, Artificial Saliva Increases The Compressive Strength of Glass Ionomer Cement Type II Soaked in Isotonic Drinks, *Dentofacial*; 13(12):101-105
- Kawasaki K., Buchanan A.V., dan Weiss K.M., 2007, Gene Duplication and The Evolution of Vertebrate Skeletal Mineralization, *Cells Tissues Organs*. Pennsylvania; 186:7–24.
- Khoroushi M., Mansoori K.T., dan Hadi S., 2012, The Effect of Pre-warming and Delayed Irradiation on Marginal Integrity of A Resin-Modified Glass-ionomer, *General Dentistry*; 60(6):e383-8.
- Malik N.A.B., Lin S.L., Rahman N.A., dan Jamaluddin M., 2013, Effect of Liners on Microleakage in Class II Composite Restoration, *Sains Malaysiana*; 42(1):45–51.
- Margaretha J., Rianti D., dan Meizarini A., 2009, Perubahan Warna Enamel Gigi Setelah Aplikasi Pasta Buah Stroberi dan Gel Karbamid Peroksida 10%, *Dental Material Journal*; 1:16-20.
- Mickenausch S., Mount G., dan Yengopal, V., 2011, Therapeutic Effect of Glass-ionomers: An Overview of Evidence, *Australia Dental Journal*; 56(1):1-10.
- Mjor I.A., (2009). Dentin Permeability: The Basis for Understanding Pulp Reactions and Adhesive Technology, *Brazilian Dental Journal*; 20(1): 3-16.
- Monticelli F., Sword J., Martin R.L., Schuster G.S., Weller R.N., Ferrarri M., Pashley D.H., dan Tay F.R., 2007, Sealing Properties of Two Contemporary Single Cone Obturation System, *International Endodontic Journal*; 40:374-385.
- Okiji T. dan Han L., 2011, Uptake of Calcium and Silicon Released from Calcium silicate-based Endodontic Materials Into Root Canal Dentine, *International Endodontic Journal*; 44:1081-7.
- Prab S. dan Ram S.M., 2012, An Evaluation of The Surface Condition of Dentin and Its Effect on Microleakage of Metal Copings Luted With Glass Ionomer Cement: An In Vitro Study, *International Journal of Laser Dentistry*; 2(1):7-17.
- Rekha C.V., Varma B., dan Jayanthi, 2016, Comparative Evaluations of Tensile Bond Strength and Microleakage of Conventional Glass Ionomer Cement, Resin Modifies Glass Ionomer Cement, and Compomer: An In Vitro Study, *Contemporary Clinical Dentistry*; 3(4):282-287.
- Roberson, T.M. dan Heyman H.O., 2015, *Art and Science of Operative Dentistry*, 6th ed., Mosby Co., Missouri; 66.
- Robertson D. dan Smith A.J., 2009, The Microbiology of The Acute Dental Abscess, *Journal of Medical Microbiology*; 58:155-162.

- Sawhney S. dan Pai V.A.R., 2014, Comparative Evaluation of the Calcium Release from Mineral Trioxide Aggregate and its Mixture with Glass Ionomer Cement in Different Proportions and Time Intervals – An in Vitro Study, *Saudi Dental Journal*, 27(4): 215–219.
- Shidu S.K. dan Nicholson J.W., 2016, A Review of Glass Ionomer Cement for Clinical Dentistry, *Journal of Functional Biomaterials*; 7(3):16.
- Sidhu S.K., 2011, Glass-Ionomer Cement Restorative Materials : A Sticky Subject, *Australia Dental Journal*; 56(1):23-30.
- Sintawati J., Soemartono S.H., dan Suharsini M., 2008, Pengaruh Aplikasi Asam Fosfat 37% Terhadap Kekuatan Geser Restorasi Resin Komposit Pada Email Gigi Tetap, *Indonesian Journal of Dentistry*; 15(2):97-103.
- Srinivasan V., Waterhouse P., dan Whitworth J., 2009, Mineral trioxide aggregate in paediatric dentistry, *International Journal of Paediatric Dentistry*; 19:34-47.
- Sungkar, S., Margaretha, S., dan Hendarlin, S., 2007, Kekuatan Geser Semen Ionomer Kaca Pada Dentin Gigi Sulung Setelah Aplikasi Kondisioner dengan Durasi Berbeda, *Indonesian Journal of Dentistry*, Vol.14(3).
- Titus A., Wignyo H., dan Bernard O.I., 2011, Perbedaan Kekuatan Geser Perlekatan Restorasi Sandwich Resin Komposit Dengan Semen Ionomer Kaca Konvensional dan Modifikasi Resin, *Jurnal Kedokteran Gigi*; 2(4):299-304.
- Torabinejad M., 2014, *Mineral Trioxide Aggregate: Properties and Clinical Applications*, Blackwell Munksgaard Ltd.
- Torabinejad M. dan Parirokh M., 2010, Mineral Trioxide Aggregate: a Comprehensive Literature Review part II: Leakage and Biocompatibility Investigations, *Journal of Endodontic*; 36(2):190-202.
- Van Noort R., 2007, *Introduction to Dental Material. 3th ed*, Mosby Elsevier; 127-140.
- Vikas B., Vikas S., Vandane P., dan Nivendita, 2013, Secondary Dentin As A Parameter For Age Estimation-An In Vitro Study, *European Journal of Dental Therapy and Research*; (2)121.
- Yatmi I.R., 2012, Efektivitas Ekstrak Daging Buah Lerak (*Sapindus rarak*) 0.01% sebagai dentin conditioner dalam membersihkan smear layer, Tidak diterbitkan, Skripsi, Jember: Universitas Jember.