

DAFTAR PUSTAKA

- Akbarianrad, N., Mohammadian, F., Nazari, M. A., dan Nobar, B. R., 2018, Application of Nanotechnology in Endodontic: A Review, *Nanomed. J.*, 5(3): 121-126.
- Alsharif, S. O., Akil, H. B. M., El-Aziz, N. A. A., dan Ahmad, Z. A. B., 2013, Simulated Body Fluid Sorption and Solubility of Silica Reinforced Dental Resin Composites, *Adv. Mat. Res.*, 795:626-630.
- Amanda, A., 2021, The Effect of Sisal (*Agave sisalana*) Nanofiber in Epoxy Resin Sealer on Root Canal Obturations's Push-Out Bond Strength, *Maj. Kedokt. Gigi Indones.*, 7(3): 137-144.
- Andnindyara, W., Risanti, D. D., dan Mawarani, L. J., 2016, Analisis Lajur Korosi Paduan Mg-Ca-Zn sebagai Material Implan Tulang dengan Metode Potensiostat pada Stimulated Body Fluids (SBF), *Skripsi*, Fakultas Teknologi Industri Institut Teknologi Sepuluh November, Surabaya.
- Anusavice, K. J., Shen, C., dan Rawls, H. R., 2013, *Phillips' Science of Dental Materials*, Elsevier, Missouri
- Aradhita, R. dan Renukappa, N. M., 2019, Improved Dielectric Properties of Epoxy Nano Composites, Optimum Composites Structures, Unpublished work, DOI: 10.5772/intechopen.78057
- Arini, S., 2020, Pengaruh Penambahan Berbagai Konsentrasi Nanofiber Sisal pada Siler Resin Epoksi terhadap Kerapatan Apikal Bahan Obturasi Saluran Akar, *Tesis*, Fakultas Kedokteran Gigi, Universitas Gadjah Mada, Yogyakarta.
- Ba-Hattab, R., Al-Jamie, M., Aldreib, H., Alessa, L., dan Alonazi, M., 2016, Calcium Hydroxide in Endodontics: An Overview, *Open J. Stomatol.*, 6: 274-289.
- Basuki, T. dan Verona, L., 2017, Manfaat Serat Sisal (*Agave sisalana*) dan Bambu (*Bambusoideae*) untuk Memenuhi Kebutuhan Masyarakat Modern, *Jurnal ilmu-ilmu Pertanian AGRIKA*, 11(2): 123-134.
- Berman, L. H. dan Hargreaves, K. M., 2020, *Cohen's Pathways of the Pulp*, 12th Ed., Elsevier, hal 1091.

Borges, A. H., Dorileo, M. C. G. O., Villa, R. D., Borba, A. M., Semenoff, T. A. D. V., Guedes, O. A., Estrela, C. R. A., dan Bandeca, M. C., 2014, Physicochemical Properties and Surfaces Morphologies Evaluation of MTA FillAepx and AH Plus, *Scientific World Journal*: 1-6

Camilleri, J., 2021, *Endodontic Materials in Clinical Practice*, Wiley Blackwell, UK.

Chan, E. L., Zhang, C., dan Cheung, G. S., 2015, Citotoxixity of a Novel Nano-Particle Endodontic Irrigant, *Clin. Cosmet. Investig. Dent.*, 7: 65-74.

Collares, F. M., Klein, M., Santos, P. D., Portella, F. F., Ogliari, F., Leitune, V. C. B., dan Samuel, S. M. W., 2013, Influence of Radiopaque Fillers on Physicochemical Properties of a Model Epoxy Resin-Based Root Canal Sealer, *J. Appl. Oral Sci.*, 21(6): 533-539.

Dewanjanie, S. P., 2020, Variasi Kadar Penambahan Sisal Mikro Tersilanisasi terhadap Setting Time Semen Ionomer Kaca Konvensional, *Skripsi*, Fakultas Kedokteran Gigi Universitas Gadjah Mada Yogyakarta

Enggardipta, R. A., Untara, R. T. A., Santosa, P., Kartikaningtyas, A. T., Widyastuti, A., 2019, Apical Sealing Ability of Chitosan Nanoparticles in Epoxy-Resin-Based Endodontic Sealer, *Maj. Kedokt. Gigi Indones.*, 5(2): 69-74.

Fajrin, J., 2016, Mechanical Properties of Natural Fiber Composite Made of Indonesia Grown Sisal, *Info Teknik*, 17(1): 69-84.

Febrianifa, E., Hadriyanto, W., dan Kristanti, Y., 2016, Perbedaan Daya Antibakteri Siler Saluran Akar Berbahan Dasar Seng Oksid Eugenol, Resin Epoksi dan Mineral Trioxide Aggregate terhadap *Enterococcus faecalis*, *J. Ked. Gi.*, 7(2): 41-47.

Ferreira, F. V., Pinheiro, I. F., Souza, S. F., Mei, L. H. I., dan Lona, L. M. F., 2019, Polymer Composites Reinforced with Natural Fibers and Nanocellulose in Automotive Industry: A Short Review, *J. Compos. Sci.*, 3(51): 1-17.

Garg, N. dan Garg, A., 2019, *Textbook of Endodontics 3rd Ed.*, Jaypee Brothers Medical Publishers, New Delhi.

Hargreaves, K. M. dan Cohen, S., 2011, *Cohen's Pathways of The Pulp, 10th Ed.*, Mosby Elsevier, Missouri.

Hargreaves, K. M. dan Berman, L. H., 2016, *Cohen's Pathways of the Pulp 11th ed.*, Elsevier, Missouri.

Haslinda, Rovani, C. A., dan Trilaksana, A. C., 2016, Apical Microleakage of Epoxy Resin and Methacrylate Resin-Based Sealer with Continuous Wave Obturation Technique, *J. Dentomaxillofac. Sci.*, 1(1): 20-24.

Hergt, A., Wiegand, A., Hulsmann, M., dan Rodig, T., 2015, AH Plus Root Canal Sealer – An Updated Literature Review, *Endodontic Practice Today*, 9(4): 245-265

Inamuddin, Thomas, S., Mishra, R. K., dan Asiri, A. M., 2019, *Sustainable Polymer Composites and Nanocomposites*, Springer, New York.

Jawaid, M., Thariq, M., dan Saba, N., 2019, *Mechanical and Physical Testing of Biocomposites, Fibre-Reinforced Composites dan Hybrid Composites*, Woodhead Publishing, UK.

Kartinawanti, A. T. dan Asyari, A. K., 2021, Penyakit Pulpa dan Perawatan Saluran Akar Satu Kali Kunjungan: Literature Review, *Jurnal Ilmu Kedokteran Gigi*, 4(2):64-72.

Komabayashi, T., Colmenar, D., Cvach, N., Bhat, A., Primus, C., dan Imai, Y., 2020, Comprehensive Review of Current Endodontic Sealers, *Dent. Mater. J.*, 39(5):703-720

Kurniawan, D., Nikamtin, S., dan Maddu, A., 2012, Sintesis Nanopartikel Serat Rami dengan Metode Ultrasonikasi untuk Aplikasi Filler Bionanokomposit, *Jurnal biofosika*, 8(2): 34-41.

Khurshid, Z., Najeeb, S., Zafar, M. S., dan Raynayake, J., 2021, *Biomaterials in Endodontics*, Elsevier Science, United Kingdom.

Marin-Bauza, G. A., Silva-Sousa Y. T. C., Cunha, S A., Rached-Junior, F. J. A., Bonetti-Filho, I., Sousa-Neto, M. D., dan Miranda, C. E. S., 2012, Physicochemical Properties of Endodontic Sealers of Different Bases, *J. Appl. Oral Sci.*, 20(4): 455-461

Mulyawati, E., Marsasetyawan, Sunarintyas, S., dan Handajani, J., 2013, Sifat Fisik Hidroksiapatit Sintesis Kalsit sebagai Bahan Pengisi pada Siler Saluran Akar Resin Epoksi, *Dent. J. (Maj. Jed. Gigi)*, 46(4): 201-212.

Mulyawati, E., 2015, Penambahan Hidroksiapatit Sintesi Kalsit sebagai Bahan Pengisi Siler Resin Epoksi (Kajian Sifat fisik, Kerapatan Penutupan Apikal, Kelarutan,

Daya Antibakteri, dan Toksisitas, *Disertasi*, Fakultas Kedokteran Gigi, Universitas Gadjah Mada, Yogyakarta.

Mulyawati, E., Soesatyo, M. H. N. E., Sunarintyas, S., dan Handajani, J., 2020, Apical Sealing Ability of Calcite-Synthesized Hydroxyapatite as a Filler of Epoxy-Resin-Based Root Canal Sealer, *Contemp. Clin. Dent.*, 11(2): 136-140.

Munirah, Trilaksana. A. C., dan Nugroho, J. J., 2014, Seal Apikal dari Sealer Berhaan Dasar Resin Epoksi dan Berbahan Dasar Mineral Trioxide Aggregate, *Dentofasial*, 13(3): 170-175.

Nicholson, J. dan Czarnecka, B., 2016, *Materials for the Direct Restoration of Teeth*, Woodhead Publishing, UK

Noort, R., 2013, *Introduction to Dental Materials*, Fourth Edition, Elsevier, London

Nugroho, D. A., Widjijono, Nuryono, Asmara, W., Rahmasari, A., dan Dyota, E., 2021, Tensile Strength and Microscopic Adhesion Observation of Dental Composite Restorative Material Manufactured from Sisal Nanofiber as Filler, *Adv. Health Sci. Research*, 33: 268-272.

Poggio, C., Dagna, A., Ceci, M., Meravini, M., Colombo, M., dan Pietrocola, G., 2017, Solubility and pH of Bioceramic Sealers: A Comparative Study, *J. Clin. Exp. Dent.*, 9(10): 1189-1194.

Purwanto, 2014, Karakterisasi Mikro dan Nanoselulosa Hasil Ekstraksi dari Serat Sisal dan Kenaf, *Tesis*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

Rahimi, M., Jainan, A., Parasbos, P., dan Messer, H. H., 2009, Bonding of resin-based Sealers to Root Dentin, *J. Endod.*, 35(1): 121-124.

Rotstein, I. dan Ingle, J. I., 2019, *Ingle's Endodontics 7th Ed.*, PMPH USA, North Carolina.

Schmalz, G. dan Bindsvlev, D. A., 2009, *Biocompatibility of Dental Material*, New York, 201.

Schwartz, E. dan Genari, B., 2013, Bismuth Subcarbonate as Filler Particle for an Epoxy-based Root Canal Sealer, *Polimeros*, 23(6):743-747.

- Soares, C. J., Faria-E-Silva, A. L., Rodrigues, M. P., Pfeifer, C. S., Tantbirojn, D., dan Versluis, A., 2017, Polymerization Shrinkage Stress of Composite Resins and Resin Cements-What Do We Need to Know, *Braz. Oral. Rez.*, 31:49-63.
- Somani, R., Jaidka, S., Singh, D. J., dan Kaur, N., 2019, Hermetic Seal in Obturation: An Achievable Goal with Recently Introduced Cpoint, *Int. J. Clin. Pediatr. Dent.*, 12(5): 410-413.
- Song, P. dan Wang, H., 2019, High-Performance Polymeric Materials through Hydrogen-Bond Cross-Linking, *Advanced Science News*, 1-12
- Subbiya, A., Kumar, E. P., Anuradha, B., dan Mitthra, S., 2020, Properties and Clinical Application of Resin Based Sealers: A Review, *Eur. J. Mol. Clin. Med.*, 7(5): 1287-1292.
- Subrata, A., Prahasti, A. E., dan Iskandar, B. O., 2019, Influecen of Two Root Canal Obturation Techniques with Resin Based Sealer to Enterococcus faecalis Penetration, *J. Dent. Indones.*, 1(2):55-62.
- Subyakto, Hermiati, E., Yanto, D. H. Y., Fitria, Budiman, I., Ismadi, Masruchin, N., dan Subiyanto, B., 2009, Proses Pembuatan Serat Selulosa Berukuran Nano dari Sisal (*Agave sisalana*) dan Bambu Betung (*Dendrocalamus asper*), *Berita selulosa*, 44(2): 57-65.
- Suchy, T., Bartos, M., Sedlacek, R., Supova, M., Zaloudkova, M., Martynkova, G. S., dan Foltan, R., 2021, Various Simulated Body Fluids Lead to Significant Differences in Collagen Tissue Engineering Scaffolds, *Materials*, 14:1-17.
- Sulistiani, N., 2021, Pengaruh Penambahan Sisal Nanofiber Berbagai Konsentrasi pada Siler Resin Epoksi terhadap Kekerasan Mikro, *Tesis*, Fakultas Kedokteran Gigi, Universitas Gadjah Mada, Yogyakarta.
- Torabinejad, M., Fouad, A. F., dan Shabahang, S., 2021, *Endodontics Principles and Practice 6th Ed.*, Elsevier, USA.
- Tripathi, Y. C. dan Tewari, D., 2013, Impact of Different Pre-treatments of Agave Sisalana Leaves on Yield and Anatomical Traits of Fiber, *Int. J. Sci. Res.*, 6(14): 1357-1360.
- Tripathi, Y. C., 2017, Process Refinement for Extraction of Quality Fibre and Optimal Isolation of Bioactive Constituents from Agave sisalana, *Project Completion Report*, Forest Research Institute, Dehradun, India.

Trisnaningtyas, A., 2020, Pengaruh Penambahan Kitosan dengan Konsentrasi yang Berbeda pada Siler Resin Epoksi terhadap Kelarutan dan Daya Alir Siler, *Tesis*, Fakultas Kedokteran Gigi, Universitas Gadjah Mada, Yogyakarta.

Xu J.L., Cong L.J., dan Li Yh., 2009, Fabrication and Mechanical Properties of Short Sisal Fiber Reinforced Composites Used for Dental Application. 18st Int. Conf. On Composite Material.

Yancheshmeh, S. S., 2020, Examining the Factors Affecting Endodontic Therapy Failure, *J. Mol. Bol.*, 10(1):1-5.

Zeid, S. T. A., Alamoudi, R. A., dan Saleh, A. A. M., 2022, Impact of Water Solubility on Chemical Composition and Surface Structure of Two Generations of Bioceramic Root Canal Sealers, *Appl. Sci.*, 12:1-11.