

DAFTAR PUSTAKA

- Aryanto, M., dan Paath, S. L., (2020) Peredaan Kebocoran Mikro Antara Pengisian Saluran Akar Teknik Single Cone Menggunakan *Sealer* Berbahan Dasar Zinc Oxide Eugenol dan Epoxy Resin. *Jurnal Kedokteran Gigi Universitas Padjajaran*. 32(2): 126-131.
- Aziz, A. A. A., dan Mostafa, A. M. S., (2019) Evaluation Of Compressive Strength and Radiopacity Of Denovo Synthesized Calcium Silicate Cement Containing Zinc Oxide Nanoparticles Versus Commercial Materials. *E.D.J*. 65(2): 1741-1750.
- Bebe, Z. A., Susanto, H. S., Martini., (2018) Faktor Risiko Kejadian Karies Gigi Pada Oran Dewasa Usia 20-39 Tahun di Kelurahan Dadapsari, Kecamatan Semarang Utara, Kota Semarang. *Jurnal Kesehatan Masyarakat (e-journal)*. 6(1): 365-372.
- Bicheri, S. A. V., dan Victorino, F. R., (2012) Comparative Evaluation of Radiopacity of MTA Fillapex Endodontic Sealer Through a Digital Radiograph System. *RSBO*. 10(2): 149-52.
- Bodanezi, A., Munhoz, E. A., Capellozza, A. L. A., Bernardineli, N., Moraes, G. D., Garcia, R. B., Bramante, C. M., (2012) Influence of Root Canal Sealer on The Radiographic Appearance of Filling Voids in Maxillary Single-Rotted Teeth. *J Appl Oral Sci*. 404-408.
- Chisnoiu, R., Moldovan, M., Pastrav, O., Delean, A., Prodan, D., Boboia, S., Prejmorean, V., Chisnoiu., (2015) Radiopacity Measurements of Three Endodontic Sealers Using Digital X-Rays. *American Institute of Physics*.
- Chong, B. C., (2017) *Harty's Endodontics in Clinical Practice*. 7th ed. London: Elsevier. pp. 153, 154-156.
- Collares, F. M., Leitune, V. C. B., Protella, F. F., Santos, P. D., Balbinot, G. S., Santos, L. A. S., Parolo, C. C. F., Samuel, S. M. W., (2017) Methacrylate-based Root Canal Sealer Containing Chlorexidine and α -tricalcium Phosphate. *Journal Of Biomedical Materials Research B: Applied Biomaterials*. 00(00): 1-5.
- Drukteinis, S., dan Camilleri, J., (2020) *Bioceramic Materials in Clinical Endodontics*. Switzerland: Springer. Pp. 59.
- Erma, N. K., dan Supriyadi., (2015) Penurunan Jumlah Eritrosit Darah Tepi Akibat Paparan Radiasi Sinar Dosis Radiografi Periapikal. *Stomatognatic Jurnal Kedokteran Gigi*. 9(3): 140-144.
- Filho, J. L. S., Moreira, K. M. S., Amaral, G. C. L. S., Fortunato, C. F. P., Dias, I. V., Falcao, C. A. M., (2018) Radiopacity of AH Plus Endodontic Sealer Plus MTA and Portland Cement. *Dental Press Endod*. 8(2): 18-21.
- Fitriandari, B, Q., Pramanik. F., Farah. R, A., (2018) Gambaran Proses Penyembuhan Lesi Periapikal Pada Radiograf Periapikal Menggunakan Software ImageJ. *Padjajaran J Dent Res Student*. 2(2): 116-124.

- Fonseka, M. C. N., Jayasinghe, R. D., Abeysekara, W. P. M. M., dan Wettasinghe, K. A., (2013) Evaluation Of The Radiographic Quality Of Root Fillings Performed By Undergraduates In The Faculty Of Dental Sciences, University Of Peradeniya, Sri Lanka. *International Journal Of Research In Medical and Health Science*. 1(3): 13-16.
- Giri, P. R. K., (2017) Hubungan Antara Ketepatan Pengisian Saluran Akar dengan Keberhasilan Perawatan Saluran Akar. *Medicina*. 48(1): 19-23.
- Giudice, L. R., Nicita, F., Puleico, F., Alibrandi, A., Cervino, G., Lizio, A. S., Pantaleo, G., (2018) Accuracy of Periapical Radiography and CBCT in Endodontic Evaluation. *International Journal of Dentistry*. 2(16): 1-8.
- Gopikrishna, V., (2014) *Grossman's Endodontic Practice*. 14th ed. Chennai: Wolters Kluwer. pp. 334, 336.
- Hadinata, Y. W., Samadi., (2017) Nonsurgical Endodontik Retreatment of Maxillary First Premolar : A Case Report. *Jurnal Kedokteran Gigi*. 11(1): 88-95.
- Hajir, R., Iswani, R., Widyawati., (2018) Perbedaan Radiopasitas Antara Bahan Obturasi Sealer Berbahan Dasar Kalsium Hidroksida dan Epoksi Resin Dengan Teknik Radiografi Cone Beam Computed Tomography (CBCT). *Jurnal B-Dent*. 5(1): 49-55.
- Hargreaves, K. M., dan Berman, L. H., (2016) *Cohen's Pathways Of The Pulp*. 8th ed. Canada. Elsevier. pp. 291.
- Hrab, D., Chisnoiu, A. M., Badea, M. E., Moldovan, M., Chisnoiu, R. M., (2017) Comparative Radiographic Assessment Of A New Bioceramic-Based Root Canal Sealer. *Dental Medicine*. 90(2): 226-230.
- Jain, P., (2018) *Common Compilations in Endodontics*. Switzerland: Springer. pp. 106-107.
- Jin, H., Li, Y., Wang, Q., Dong, M., Yang, M., Chen, W, Wang, S., Zhang, H., Zheng, S., Cao, C, Y., Zhou, Z., Li, Q, A stronium and Amorphous Calcium Phosphate Dipped Premixed Injectable Calcium Silicate Based Ceramic for Dental Root Canal Sealing. *Ceramics International*. 10(7): 2411-2502.
- Khansa, G., Sarianofern., Wijaya, Y. H., (2021) Analisis Perbedaan Radiopasitas Antara Sealer Berbahan Dasar Resin Epoksi, Mineral Trioxide Aggregate (MTA), dan Biokeramik dengan Menggunakan Densitometer pada Radiografi Periapikal. *Jurnal Kedokteran Gigi Universitas Padjadjaran*. 33(2): 130-138.
- Kuga, M. C., Duarte, M. A. H., Junior, A. S. A., Keine, G. F., Dantas, A. A. R., Guiotti, F. A., (2014) Effects of Calcium Hydroxide Addition on The Physical and Chemical Properties of A Calcium Silicate-Based Sealer. *J Appl Oral Sci*. 22(3): 180-4.
- Lee, S. J., Chung, J., Na, H. S., Park, E. J., Jeon, H. J., Kim, H. C., (2012) Characteristics of Novel Root-End Filling Material Using Epoxy Resin and Portland Cement. *Clin Oral Invest*. 17:1009-1015.
- Louk, A. C., dan Suparta., G. B., (2014) Pengukuran Kualitas Sistem Pencitraan Radiografi Digital Sinar-X. *Berkala MIPA*. 24(2) : 149-166.

- Mooduto, L., Sukaton., Andani, S., (2021) Effectiveness of *Sealer* Combination Zinc Oxide (ZnO) with Red Pine (*Pinus Densiflora*) on Viscosity and Solubility (Laboratory Experimental). *Conservative Dentistry Journal*. 11(1): 6-10.
- Neves, F. S., Souza, T. C., Almeida, S. M., Neto, F. H., Freitas, D. Q., Boscolo, F. N., (2012) Corellation of Panoramic Radiography and Cone Beam CT Findings in The Assement of The Relationship Between Impacted Mandibular Third Molars and The Mandibular Canal. *Dentomaxillofacial Radiology*. 41: 553-557.
- Permatahati, A., Noerianingsih, R., Pramanik, F., (2019) Kualitas Radiograf Periapikal dengan Teknik Bisektris. *Padjadjaran J Dent Res Student*. 3(2): 82-86.
- Poggio, C., Dagna, A., Ceci, M., Meravini, M. V., Colombo, M., Pietrocola., (2018) Solubility and pH of Bioceramic Root Canal Sealers: A Comparative Study. *J Clinic Exp Dent*. 9(10): e1189-94.
- Ramadhiani, C. N., Santosa, R. T. E. U., Mulyawati, E., (2018) Pengaruh Kombinasi Larutan Irigasi Terhadap Kebocoran Apikal Pada Obturasi Saluran Akar Menggunakan *Sealer* Resin Epoksi dan Mineral Tiroxide Aggregate. *J Ked Gi*. 7(2): 19-25.
- Rosa, R. A. D., Bier, C. A. S., Pereira, A. C., So, M. V. R., Wolle, C. F. B., (2011) Simulation of Soft and Hard Tissues and Its Effects on Radiopacity of Root Canal Sealer. *Rev Odonto Cienc*. 26(4): 326-330.
- Santoso, L., dan Kristanti, Y., (2016) Perawatan Saluran Akar Satu Kunjungan Gigi Molar Kedua Kiri Mandibula Nekrosis Pulpa dan Lesi Periapikal. *MKGK*. 2(2): 65-71.
- Thu, M., Kim, J. W., Park, S. H., Cho, K. M., (2017) Physical Properties of A New Resin-Based Root Canal Sealer in Comparison With AH-Plus Jet. *J Dent Rehabil Appl Sci*. 33(2): 80-7.
- Vidotto, A. P. M., Cunha, R. S., Zeferino, E. G., Rocha, D. G. P., Martin, A. S. D., Bueno, C. E. D. S., (2011) Comparison of MTA Fillapex Radiopacity With Five Root Canal Sealers. *RSBO*. 8(4): 404-9.
- Widyastuti, N. H., dan Sukmasari, I. R., (2020) Perbedaan Teknik Irigasi Saluran Akar (Konvensional, Agitasi Manual, Ultrasonik) Terhadap Kebersihan Saluran Akar. *URECOL*. 8(3): 165-169.
- White, S. C., dan Pharoah, M. J., (2014) *Oral Radiology Principles and Interpretation*. 7th ed. Canada: Elsevier. pp. 75-76.
- Whaites, E., dan Drage, N., (2020) *Essentials Of Dental Radiography and Radiology*, 6th ed. China: Elsevier. pp. 206-210.
- Yigit, D. H., dan Gencoglu, N., (2012) Evaluation Of Resin/Silicone Based Root Canal Sealers. Part I: Physical Properties. *Digest Journal of Nanomaterials and Biostructures*. 7(1) : 107-115.

- Yodasari, L., dan Ratih, D. N., (2017) Perawatan Saluran Akar Satu Kunjungan Menggunakan Instrumen *Rotary* Disertai Restorasi Resin Komposit Teknik Semi-direk. *Clinical Dental Journal UGM*. 3(2): 49-55.
- Zeferino, E. D., Cunha, R. S., Bellato, T. S., Filho, J. E. G., Martin, A. S. D. M., dan Bueno, C. E. S. B., (2011) Comparative Study of The Radiopacity of Endodontic Sealers With Different Chemical Compositions. *ENDO (Lond Engl)*. 5(3): 209-213.
- Zhou, H. M., Shen, Y., Zheng, W., Li, L., Zheng, Y. F., Haapasalo, M., (2013) Physical Properties of 5 Root Canal Sealers. *JOE*. 39(10): 1281-1286.