

DAFTAR PUSTAKA

- Abada, H. M., Farag, A. M., Alhadainy, H. A., dan Darrag, A. M., 2015, Push-out Bond Strength of Different Root Canal Obturation Systems to Root Canal Dentin, *Tanta Dent. J.*, 12(3), 185–191.
- Ackay, M., Arslan, H., Durmus, H., Mese, M., dan Capar, I. D., 2016, Dentinal Tubule Penetration of AH Plus, iRoot SP, MTA Fillapex, and GuttaFlow Bioseal Root Canal Sealers After Different Final Irrigation Procedures: A Confocal Microscopic Study, *Lasers in Surgery and Medicine* , 48 : 70-76
- Akhlagi N.M., Behrooz E., dan Saghiri M.A., 2009, Efficacy of MTAD, Glyde and EDTA in debridement of curved root canals, *Iran Endod. J.*, 4(2):58-62.
- Assmann, E., Scarparo, R. K., Böttcher, D. E., & Grecca, F. S., 2012, Dentin Bond Strength of Two Mineral Trioxide Aggregate-Based and One Epoxy Resin-Based Sealers, *J. of Endod.*, 38(2), 219–221.
- Baldissera R., Rosa R.A., Wagner M.H., dan Kuga M.C., 2012, Adhesion of Real Seal to Human Root Dentin Treated with Different Solution, *Braz Dent. J.*, 23(5):521-6.
- Bayram HM, Bayram E, Kanber M, Celikten B, Saklar F., 2017. Different chelating solution on the push-out bond strength of various root canal sealers, *Biomed Res-India* 2017, Special Issue..
- Bellinda, M., Ratih, D.N., Hadriyanto, W., 2016, Perbedaan Konsentrasi dan Waktu Aplikasi EDTA sebagai Bahan Irigasi Saluran Akar Terhadap Kekuatan Pelekatan *Push-Out* Bahan Pengisi Saluran Akar, *Maj. Ked. Gi : Vol 7* : 118-124.
- Berastegui, E., Molinos, E., Ortega J. 2017. To comparison of standard and new chelating solutions in endodontics. *J. Dent. Sci.*, 2 (3): 131-8.
- Carpio-Perochena, A., Bramante, C. M., Duarte, M. A. H., de Moura, M. R., Aouada, F. A., Kishen, A. 2015. Chelating and antibacterial properties of chitosan nanoparticles on dentin. *Restor. Dent. Endod.*, 40 (3): 195-201
- Chen, G., dan Chang, Y., 2011, Effect of Liquid- and Paste-type EDTA on Smear-layer Removal During Rotary Root-canal Instrumentation, *J. Dent. Sci.*, 6: 41-47

- Chen, W. P., Chen, Y. Y., Huang, S. H., dan Lin, C. P., 2013, Limitations of Push-Out Test in Bond Strength Measurement, *J. of Endod.*, 39(2), 283–287.
- Chong, B. S. 2017. *Harty's Endodontics in Clinical Practice. 7th edition.* Elsevier. London.
- Darrag, A. M. 2014. Effectiveness of different final irrigation solutions on smear layer removal in intraradicular dentin. *Tanta Dent. J.*, 11: 93-99.
- Garg N., dan Garg, A., 2014, *Textbook of Endodontics 3rd Ed.*, Jaypee Brothers Medical Publishers, New Delhi, 182-197.
- Grossman, L.I., Oliet, S., Del Roi, C.E., 1996, *Ilmu Endodontik dalam Praktek, Edisi ke-11*, EGC, Jakarta, 281.
- Gutmann, J. L., dan Lovdahl, P. E. 2011. *Problem Solving in Endodontics: Prevention, dentification, and Management. 5th edition.* Elsevier. Missouri.
- Haapasalo M, Shen Y, Qian W, Gao Y., 2010. Irrigation in endodontics, *Dent. Clin. North. Am.*, 54: 291-312.
- Hosseini S, Kassae MZ, Elahi SH, Bolhari B., 2016, A new nano-chitosan irrigant with superior smear layer removal and penetration, *Nanochem Res.*, 1: 150-6.
- Ibrahim, A I. O., Moodley, D. S., Petrik, L., Patel, N. 2017. Use of antibacterial nanoparticles in endodontics. *SADJ*, 72 (3): 105-112.
- Ibrahim, N. K., dan Nayif, M. M., 2015, Bond Strength of Endosequence Bioceramic Sealer to Root Canal Dentin Irrigate with Different Solutions, *Int. J. of Enhanc. Res. Sci. Technol. Eng*, 4 : 136-139.
- Ingle, J. I., Bakland, L. K., Baumgartner, J. C. 2008. *Ingle's Endodontics 6.* BC Decker. Ontario.
- Kandaswamy, D., dan Venkateshbabu, N., 2010, Root Canal Irrigant, *J. Conserv. Dent.*, 13(4): 256-264
- Kartikaningtyas, A. T., 2016, Pengaruh Konsentrasi dan Waktu Kontak Kitosan Nanopartikel sebagai Larutan Irigasi Akhir terhadap Kebersihan Saluran Akar : Kajian *in vitro* (Tesis), Fakultas Kedokteran Gigi, Universitas Gadjah Mada, Yogyakarta.
- Koga E, Kassis EN, Filho IZ, dan de Castro FPL, 2015, EDTA as final irrigating gold standard in endodontics, *Int. J. of Recent Sci. Res. Vol. 6, Issue, 12, pp. 7818-7821*

- Mathew SP, Pai VS, Usha G, Nadig RP., 2017, Comparative evaluation of smear layer removal by chitosan and ethylenediaminetetraacetic acid when used as irrigant and its effect on root dentin: an in vitro atomic force microscopic and energy-dispersive x-ray analysis, *J.of Conserv. Dent.*: 20: 245-250.
- Mohammadi, Z., Shalavi, S., dan Jafarzadeh, H., 2013, Ethylene diamine tetra acetic Acid in Endodontics, *Eur. J. Dent.*, 7 : 135-142
- Mulyawati, E., 2011, Peran Bahan Disinfeksi pada Perawatan Saluran Akar, *Maj. Ked. Gigi* 18(2); 205-209.
- Niu W., Yoshioka T., dan Suda H., 2009, A Scanning Electron Microscope Study of Dentinal Erosion by Final Irrigation with EDTA and NaOCl Solutions. *Int. Endod J.*, 35. :934-9.
- Patel, S., dan Barnes, J. J. 2016. *Prinsip Endodontik*. EGC. Jakarta.
- Paul, M. L., Mazumdar, D., Niyogi, A., Baranwal, A. K. 2013, Comparative evaluation of the efficacy of different irrigants including MTAD under SEM. *J. Conserv. Dent.*, 16: 336-41.
- Pawar A.M., PAwar S., Kfir A., Pawar M., Kokate S., 2016, Push-out Bond Strength of Root Filling Made with C-Point and BC Sealer versus Gutta-Percha and AH Plus after The Instrumentation of Oval Canals with The Self-Adjusting File versus WaveOne, *Int. Endod. J.*, 49(4): 374-381.
- Prado M., Gusman H., Gomes B.P., dan Simao R.A., 2013, Scanning Electron Microscopic Investigation of the Effectiveness of Phosphoric Acid in Smear Layer Removal When Compared with EDTA and Citric Acid, *J. of Endod.*, 37(2):255-258.
- Rahimi M., Jainan A., Parasos, Messer H.H., 2009, Bonding of Resin-based Sealers to Root Dentin, *J. Endod.*, 35(1):121-124.
- Rhazi, M., Desbrieres, J., Tolaimate, A., Rinaudo, M., Vottero, P., Alagui, A., El Meray, M. 2003. Influence of the nature of the metal ions on the complexation with chitosan: Application to the treatment of liquid waste. *Eur. Polym. J.*, 38: 1532-1530.
- Sagsen, B., Ustun, Y., Demirbuga, S., dan Pala, K., 2011, Push-out Bond Strength of Two Calcium Silicate-Based Endodontic Sealers to Root Canal Dentine, *Int. Endod. J.*, 44 : 1088-1091.
- Sen H.B., E Turk O., dan Piskin B., 2009, The Effect of Different Concentrations of EDTA on Instrumented Root Canal Walls. *Oral Surgery, Oral Medicine,*

Oral Pathology, Oral Radiology, and Endodontology, 108(4):622-7.

Shivanna V., 2014, The Effect of Different Irrigating Solutions on the Push Out Bond Strength of Endodontic Sealer to Dentin and Assesing the Fracture Modes. *J. of ICDRO*, 6(2):86-91.

Silva PV, Guedes DF, Pécora JD, da Cruz-Filho AM, 2012, Time dependent effects of chitosan on dentin structures, *Braz. Dent. J* ; 23: 357-361.

Torabinejad, M., Walton, R. E., Fouad, A. F., 2015, *Endodontics Principles and Practice Fifth Edition*, Elsevier Saunders St. Louis, Missouri, h. 274.

Vemisetty H., Ravichadra P.V., dan Reddy J., 2014. Comparative Evaluation of Push out Bond Strength of Three Endodontic with and without Amoxicillin- An In vitro Study, *J. of Clin. &Diag. Res.*, 8(1): 228-231.

Walton, R. E., & Torabinejad, M. (2009). *Endodontics: Principles and practice* 4th ed : 259.