DAFTAR PUSTAKA

Adams, N., Tomson, P. L., (2014) Access Cavity Preparation. *British Dental Journal*. 216(6): 333-9.

Adawiyah, L., Diarti, M., Erlin. T., (2020) Pengaruh Lama Waktu Inkubasi Terhadap Morfologi Bakteri *Neisseria gonorrhoeae*. Poltekkes Kemenkes Pangkalpinang. 7(1): 36.

Agrawal V., Rao M. R., Dhingra, K., Gopal, V. R., Mohapatra, A., Mohapatra, A., (2013) An in vitro comparison of Antimicrobioal Efficacy of Three Root Canal Irrigant-Biopure MTAD, 2% Chlorhexidime Gluconate and 5,25% Sodium Hypochlorite as a Final Rinse aganis *E. faecalis*. *The Journal of Cntemporary Dental Practice*. 14(5):842-847

Alrahman, M. S. A., Faraj, B. M., Dizaye, K. F., (2020) Assessment of Nitrofurantoin as an Experimental Intercanal Medicament in Endodontics. *Biomed Research International*. (2020): 1-13.

Al-Zahrani, M. S., Al-Zahrani, A.G., (2016) Sodium Hypochlorite accident in Endodontiks : An Update Review. *Int J of Dent Oral Health*. 2(2): 1-5.

Ariani, N. G. A., Hadriyanto, W., (2013) Perawatan Ulang Saluran Akar Incisivus Lateral Kiri Maksila dengan Medikamen Kalsium Hidrokida-Chlorhexidine. *Maj Ked Gi*, 20(1):52-57.

Basrani, B., Haapasalo, M., (2012) Update on Endodontic Irrigating Solution. *Endodontics Topics*. 27, 74-102, 149-150.

Brooks. G. F., Butel. J. S., Morse, S. A., (2008) Mikrobiologi Kedokteran. Edisi 23. *EGC*. Jakarta. Hal 163.

Carroll, K. C., Morse, S. A., Mietzer, T., Miller, S., (2016) Jawetz, Melnick & Adelberg's Medical Microbiology. *Mc Graw Hill*. New York. Pg. 363-6.

Carrotte, P., (2005) 21stCentury Endodontics: Part 1. *International Dental Journal*. 55(2), 105–109.

Chandra, B. S., Gopikrishna, V., (2014) Grossman's Endodontic Practice, 13th Edition. *Wolters Kluwe*r. Gurgaon. Hal. 44-46, 96.

Charlie, K. M., Kuttappa, M. A., George, L., Manoj, K. V., Joseph, B., & John, N. K. (2018) A Scanning Electron Microscope Evaluation of Smear Layer Removal and Antimicrobial Action of Mixture of Tetracycline, Acid and Detergent, Sodium Hypochlorite, Ethylenediaminetetraacetic Acid, and Chlorhexidine

Gluconate: An *In vitro* Study. *Journal of International Society of Preventive & Community Dentistry*. *8*(1), 62–69.

Chaurasiya, S., Yadav, G., Tripathi, A, M., Dhinsa, K., (2016) Endodontic Failures Management : A review. *IJOHMR*. 2(5): 144-8.

Chong, B, S., (2017) Harty's Endodontics in Clinicak Practioce Seventh Edition. *Elsevier*. Edinburhg, pg. 1-5, 23-36.

Dhawan, R., Gupta, A., Dhillon, J. S., Dhawan, S., Sharma, T., & Batra, D. (2019) Effect of different irrigating solutions with surfactants on the microhardness and smear layer removal of root canal dentin: An *in vitro* study. *Journal of conservative dentistry : JCD*, *22*(5), 454–458.

Davis, J. M., Maki, J., Bahcall, J. K., (2007) An In Vitro Comparison of The Antimikrobial Effects of Various Endodontic Medicaments on Enterococcus faecalis. *JOE*. 33: 567-9.

Found, A, F., (2017) Endodontic Microbiology. second edition. Wiley. Hoboken, hal. 96.

Gandi, P., Vasireddi, S, R., Gurram, S. R., Darasani, K., (2013) Evaluation of The Bacteri Efficacy of Omeprazole with Sodium Hypochlorite as an Endodontic Irrigating Solution- An In vivo Study. *J Int Oral Health*. 5(2): 14- 20.

Gomes, B. P. F. A., Herrera, D. R., (2018) Etiologic Role of Root Canal in Apical Periodontitis and its Relationship with Clinical Symptomatology. *Brazilian Oral Research*. 32(69): 82-110.

Garg, N., Garg, A., (2014) Textbook of Endodontics. Third Edition. Jaypee. 22-28, 221-225.

Gupta, P. K., Mahajan, U. P., Gupta, K., & Sheela, N. V. (2015) Comparative evaluation of a new endodontic irrigant - mixture of a tetracycline isomer, an Acid, and a detergent to remove the intracanal smear layer: a scanning electron microscopic study. *JIOH*. *7*(4), 1–6.

Haapasalo M, Shen Y, Qian W, Gao Y. (2010) Irrigation in endodontics. *Dent Clin North Am*. 54(2):291-312.

Haapasalo M, Shen Y, Wang Z, Gao Y., (2014) Irrigation in endodontics. *Br Dent J*. 216(6):299- 303.

Hedge M. N., Manikandan (2012) Comparative evaluation of antimicrobial efficacy of routine endodontic irrigants with surfactants against MTAD on *Enterococcus faecalis* – An In Vitro Microbiological Study. *IJRRPAS*. 2(1). 55-64.

Huynh J. D., Rhodes, S. C., Hatton, J. F., Khademi, J. A., (2021) Satisfaction of Search in Periapical Radiograph Interpretation. *J Endod*. 47(2):291-296.

Khalifa, L., Shlezingerm M., Beyth, S., (2016) Phage Therapy Against Enterococcus faecalis in Dental Root Canal. *J Oral Microbio*. 8(1): 1-11.

Kuntari, L. S., Hadriyanto, W., Mulyawati, E., (2014) Perbedaan Daya Antibakteri Klorheksidin 2% dan Berbagai Konsentrasi Sodium Hipoklorit Kombinasi Omeprazole 8,5% Terhadap *Enterococcus faecalis. J Ked Gi*. 5(2): 139-149.

Martinho, F. C., Chiesa, W. M., Leite, F. R., Cirelli, J. A., Gomes, B.P., (2010) Antigenic activity of bacterial endodontic contents from primary root canal infection with periapical lesions against macrophage in the release of interleukin-1beta and tumor necrosis factor alpha. *J Endod*. 36(9): 1467-74.

Misuriya, A., Bhardwaj, A., Bhardwaj, A., Aggrawal, S., Kumar., Gajjarepu., (2014) A comparative antimicrobial of analysis of various root canal irrigation solution on endodotics pathogens: an in vitro study. *The journal of contemporary dental practice*. 15(2): 153-160.

Murray, P., (2015) A Cincise Guide to Endodontiv Procedures. *Springer*. Berlin. Hal. 75, 99, 131-135.

Mohammadi Z, Shahriari S., (2008) Residual antibacterial activity of chlorhexidine and MTAD in human root dentin in vitro. *J Oral Sci*, 50(1):63-7.

Mozayeni, M. A., Javaheri, G. H., Poorroosta, P., Ashari, M. A., Javaheri, H. H., (2009) Effect of 17% EDTA and MTAD on Intracanal Smear layer Removal: A Scanning Electron Microscopic Study, *Australian Endodontic Journal*. 35(2): 13-17.

Mulyawati, E., (2011) Peran Bahan Disinfeksi Pada Perawatan Saluran Akar. *Maj Ked Gi*.18(2): 205-9.

Murad, F.C., Sassone, M.L., Souza, M. C., (2012) Antimikrobial activity of sodium hypochlorite, chlorhexidine and MTAD against Enterococcis faecalis biofilm on human dentin matrix in vitro. *RSBO (online)*. 9(2).

Novitasari, M., Nugroho, R., Sulistiyani, (2017) Frekuensi Kegagalan Pengisian Saluran Akar dengan Teknik Preparasi Step Back pada Gigi Berakar Ganda di Rumah Sakit Gigi dan Mulut Universitas Jember 2011-2016, *e-Jurnal Pustaka Kesehatan*, 5(2): 331-8.

Nurliza, C., Dennis., Abidin, T., (2014) Prinsip-Prinsip Dasar Preparasi Saluran Akar Secara Khemomekanis. *Dentika Dental Journal*. 18(2): 177-184.

Patel, B, (2016) Endodontic Treatment, Retreatment, and Surgery. Springer. 1-10, 111

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(4):336-41.

Poggio, C., Colombo, M., Scribante, A., Sforza, D, Bianchim S., (2012) In vitro antibacterial activity of different endodontics irrigants, *Dental Traumatology*.

Portenier I, Waltimo T, Ørstavik D, Haapasalo M. (2006) Killing of Enterococcus faecalis by MTAD and chlorhexidine digluconate with or without cetrimide in the presence or absence of dentine powder or BSA. *J Endod*. 32(2): 138-141.

Prada I, Micó-Muñoz P, Giner-Lluesma T, Micó-Martínez P, Collado-Castellano N, Manzano-Saiz, (2019) A. Influence of microbiology on endodontic failure. Literature review. *Med Oral Patol Oral Cir Bucal*. 24(3).

Ring, K. C, Murray, P. E. (2008) The comparison of the effect of endodontic irrigation on cell adherence to root canal dentin. J Endod. 34(12): 1474-79.

Sari, E. S., Hadriyanto, W., Ratih, D.N., (2016) Pengaruh Suhu dan Penambahan Surfaktan Pada Daya Antibakteri Sodium Hipoklorit Terhadap Enterococcus faecalis. *J Ked Gi*. 7(2): 48- 53.

Singh H., (2016), Microbiology of endodontic infections. *J Dent Oral Hyg*, 2(1):1–4.

Singla, M. G., Garg, A., Gupta S., (2011) MTAD in endodontics: an update review. *OOOOE*. 112(3): 70-76.

Srikumar G. P., Sekha, K. S., Nischith, K. G., (2013) Mixture tetracycline citric acid and detergent - A root canal irrigant. A review. *J Oral Biol Craniofac Res*. 3(1):31-5.

Stuart, C. H., Schwartz, S. A., Beeson, T. J., Owatz, C. B., (2006) Enterococcus faecalis : Its role in root canal treatment and current concepts in retreatment. *Journal of Endodontics*. 32(2): 93-98.

Talaro, K. P., Chess, B., (2008) Foundations in Microbiology, 8th Edition. *Mc Graw Hill*. New York. Hal. 364-378.

Tabita, K., Sukaton., Sudirman, A., (2018) Perbedaan Khasiat Antibakteri Bahan Irigasi Larutan Porpolis dan Sodium Hypochlorite Terhadap Bakteri Streptococcus viridans. *Conservative Dentristy Journal*. 8(1): 42-48.

Tanumihardja, M., (2010) Larutan Irigasi Saluran Akar, *Dentofasial*, 9(2): 108-115.

Tay, F.R., Pashley, D.H., (2006) Ultrastructure of smear layer covered intraradicular dentin after Irrigation with Biopure MTAD. *J Endod*. 32(1):18-21.

Torabinejad, M., Shabahang, S., Aprecio, R.M., Kettering, J.D., (2003), The antimicrobial effect of MTAD: an in vitro investigation. *J Endod*. 29(6): 400-403.

Torabinejad M, Khademi AA, Babagoli J, Cho Y, Johnson WB, Bozhilov K, Kim J, Shabahang S.(2003) A new solution for the removal of the smear layer. *J Endod.* 29(3):170-5.

Tortora, G., Funke, B. R., Case, C. L. (2010) Microbiology: an Introduction. *Perason*. California. Hal. 565.

Tortora., G. J., Funke. B. R., Case, C. L. (2013) Microbiology: an Introduction, 11th Edition. Pearson. California. Hal. 560.

Shabahang S, Pouresmail M, Torabinejad M. (2003) In vitro antimicrobial efficacy of MTAD and sodium hypochlorite. *J Endod*. 29(7):450-2.

Walton, R. E., Torabinejad, M., (2008) Endodontics: Principles and Practice, Elsevier, Amsterdam.

Yasuda Y, Tatematsu Y, Fujii S, Maeda H, Akamine A, Torabinejad M, Saito T. (2010) Effect of MTAD on the differentiation of osteoblast-like cells. *J Endod*. 36(2):260-3.

Yusman, R., Mulyawati, E., Hadriyanto, W., (2013) Perbedaan Kebocoran Apikal Pada Obturasi Saluran Akar Menggunakan Tiga Siler Berbahan Dasar Resin. *J Ked Gi*. 4(2):122-128.

Zhang, W., Torabinejad, M., Li Y., (2003) Evaluation of cytotoxicity of MTAD using the MTT-tetrazolium method. *J Endod*. 29(10):654-7.

Zia, A., Andrabi, S. M. U. N., Bey, A., Kumar, A., Fatima., (2014) Endodontic Irrigant as A Root Conditioning Agent: An In Vitro Scanning Electron Microscopic Study Evaluating of MTAD to Remove Smear Layer From Periodontally Affected Root Surface. *Singapore Dental Journal*. 35(2): 47-52.