

## DAFTAR PUSTAKA

- Agrawal, V. et al., 2013. An in vitro comparison of Antimicrobial Efficacy of Three Root Canall Irrigants-Biopure MTAD, 2% Chlorhexidine Gluconate and 5,25% Sosium Hypochlorite as a Final Rinse against E.faecalis. *The Journal of Contemporary Dental Practice* , 14(5), p. 843.
- Alkahtani, A., Al Khudhairi, T. D. & Anil, S., 2014. A comparative study of the debridement efficacy and apical extrusion of dynamic and passive root canal irrigation systems. *BMC Oral Health*, pp. 1-2.
- Ansel, H. C., 1985. *Pengantar Bentuk Sediaan Farmasi*. 4nd penyunt. Jakarta: UI-Press.
- Arif, A., Mirdhatillah, S., Purwantyastuti & Sudrajat, S. E., 2014. *Cara Mudah Belajar Faemakologi untuk Mahasiswa kedokteran dan Keperawatan*. Jakarta: FK UI.
- Ashshobirin, b., Dhartono, A. P., Ramadhan, C. A. & Taqwi, A., 2014. Efektivitas Antibakteri Ekstrak Kayu Siwak (Salvado persica) Terhadap Pertumbuhan Bakteri Porphyromonas gingivalis. 2(1), p. 21.
- Athanassiadis, B., Abbott, P. & Walsh, L., 2007. The use of calcium hydroxide, antibiotics and biocides as antimicrobial medicaments in endodontics. *Australian Dental Journal Supplement* , 52(1), pp. 64-66.
- Badan POM, R., 2010. *Monografi Ekstrak Tumbuhan Obat Indonesia Revisi volume 1*. Jakarta: s.n.
- Badan POM, 2010. *Acuan Sediaan Herbal*. 5th penyunt. Jakarta : Badan Obat dan Pengawas Makanan Republik Indonesia.
- Barnes, J., Anderson, L. & Philipson, J., 1996. *Herbal medicine edisi 2*. london: Pharmaceutical Press..
- Berber, V. et al., 2006. Efficacy of various concentrations of NaOCl and instrumentation techniques in reducing Enterococcus faecalis within root canals and dentinal tubules. *International Endodontic Journal*, Volume 39, p. 16.
- Brooks, G. F., Butel, J. S. & Morse, S. A., 2007. *Jawetz, Melnick, & Adelberg Mikrobiologi Kedokteran*. 23rd penyunt. Jakarta: EGC.

- Chudiwal, A., Jain, D., & Somani, R. (2010). *Alpinia Galanga Will-An Overview on Phyto-Pharmacological Properties*. *Journal of Natural Products and Resources*, 146-147.
- Cohen, S. & Hargreaves, M. K., 2011. *Cohen's Pathways of the Pulp*. 10 penyunt. Canada: Mosby, inc.
- Cowan, M. M., 1999. Plant Products as Antimicrobial Agents. *Clinical Microbial Review*, 12(4), p. 571.
- Cushnie, T. T. & Lamb, A. J., 2005. Antimicrobial activity of flavonoids. *International Journal of Antimicrobial Agents* 26, pp. 351-352.
- Dahlan, M. S., 2013. *Statistik Untuk Kedokteran dan Kesehatan*. 5th penyunt. Jakarta: Salemba Medika.
- Darjono, U. N. A., 2011. Analisis Minyak Atsiri Serai (*Cymbopogon citratus*) Sebagai Alternatif Irigasi Saluran Akar Gigi Dengan Menghambat Pertumbuhan *Enterococcus Faecalis*. pp. 3-8.
- Dehlen, G., Samuelsoson, W., Molander, A. & Reit, C., 2000. Identification and antimicrobial susceptibility of enterococci isolated from the root canal. *Oral Microbial Immunology*, Issue 15, pp. 309-312.
- Distel, J. W., Hatton, J. F. & Gillespie, M. J., 2002. Biofilm Formation in Medicated Root Canals. *Journal of Endodontics*, 28(10), p. 689.
- Estrela, C. et al., 2002. Mechanism of Action of Sodium Hypochlorite. *Braz Dent*, 13(2), p. 115.
- Fadlila, W. N., Yuliawati, K. M. & Livia, S., 2015. Identifikasi Senyawa Aktif Antibakteri dengan Metode Bioautografi Klt terhadap Ekstrak Etanol Tangkai Daun Talas (*Colocasia Esculenta* (L.) Schott). p. 583.
- Falahudin, D., 2010. Bioassay antioksidan Ekstrak Daging Buah Salak Bangkok (Salacca Edulis Reinw.) Dengan Khamir Candida Sp. Y390.. pp. 97-99
- Fouad, A., 2011. The Microbial Challenge to Pulp Regeneration. *Journal of Dental Research*, 23(3), pp. 286-287.
- Gomes, B. et al., 2001. In vitro antimicrobial activity of several concentrations of sodium hypochlorite and chlorhexidine gluconate in the elimination of *Enterococcus faecalis*. *Blackwell Science Ltd*, Volume 34, p. 425.

- Grossman, L. I., Oliet, S. & Rio, C. E. D., 1995. *Ilmu Endodontik Dalam Praktek ed 11.* Jakarta: EGC.
- Gutmann, J. L. & Lovdahl, P. E., 2011. *Problem Solving in Endodontics Prevention, Identification, and Management.* 5th penyunt. Maryland Heights: Elsevier Mosby.
- Haapasalo, M., Endal, U., Zandi, H. & Coil, J., 2005. Eradication of endodontic infection by instrumentation and irrigation solution. *Solution Endo Topics*, pp. 77-102.
- Hidayat, A. A. A., 2007. *Metode Penelitian Keperawatan dan Teknik analisis Data.* Nurchasanah penyunt. jakarta : Salemba Medika.
- Hudzicki, J., 2016. Kirby-Bauer Disk Diffusion Susceptibility Test Protocol. *American Society for Microbiology*, pp. 16-18.
- Hukum, N. R. & Nawan, K., 1993. *Pedoman Praktis Budidaya Tanaman Salak (Salacca edulis Reinw).* Jakarta: PD. Mahkota Jakarta.
- Hülsmann, M. & Hahn, W., 2000. Complications during root canal irrigation – literature review and case reports. *International endodontic journal*, pp. 186-188.
- Hulsmann, M. & Schafer, E., 2009. *Problems in Endodontics Etiology, Diagnosis, and Treatment.* New Malden: s.n.
- Kovac, J . & Kovac, D., 2011. Effect of Irrigating solutions in endodontic therapy. *Bratisl Lek Listy*, 112(7), pp. 413-414.
- Karlina, C. Y., Ibrahim, M. & Trimulyono, G., 2013. Aktivitas Antibakteri Ekstrak Herba Krokot (Portulaca oleracea L.) terhadap Staphylococcus aureus dan Escherichia coli. *Lentera Bio*, p. 92.
- Katzung, B. G., 1997. *Farmakologi Dasar dan Klinik.* VI penyunt. Jakarta: EGC.
- Kayaoglu, G. & Orstavik, D., 2004. Virulence factors of Enterococcus Faecalis: relationship to endodontic disease. *Oral Biomed*, p. 308.
- Leonardo, M. et al., 1999. In Vivo Antimicrobial Activity of 2% Chlorhexidine Used as a Root Canal Irrigating Solution. *restorative dentistry and restorative*, 25(3), p. 167.
- Mariyatin, H., Widywati, E. & Lestari, s., 2014. Efektivitas Antibakteri Ekstrak Daun Sirih Merah (Piper Crocatum) dan Sirih Hijau (Piper Betle L.) sebagai

- Bahan Alternatif Irigasi Saluran. *e-journal pustaka kesehatan vol 2 no 3*, p. 557-560.
- Mitchell, L., Mitche, D. A. & McCaul, L., 2014. *Kedokteran Gigi Klinis*. Jakarta: EGC.
- Mubarak, Z., Chrismirina, S. & Daulay, H. H., 2016. Aktivitas Antibakteri Ekstrak Propolis Alami dari Sarang Lebah terhadap Pertumbuhan Enterococcus faecalis. *Syiah Kuala Dent*, 1(2), pp. 176-184.
- Mukhriani, 2014. Ekstraksi, pemisahana senyawa, dan identifikasi senyawa aktif. *Jurnal kesehatan Volume VII No. 2*, pp. 362-363.
- Nemeth, J., Oesch, G. & Kuster, S. P., 2014. Bacteriostatic versus bactericidal antibiotics for patients with serious bacterial infection: systematic review and meta-analysis. *Journal Antimicrob Chemother*, Issue 70, p. 382.
- Nuria, M. C., Faizatun, A. & Sumantri, 2009. Uji Aktivitas Antibakteri Ekstrak Etanol Daun Jarak Pagar (*Jatropha curcas* L) Terhadap Bakteri *Staphylococcus aureus* ATCC 25923, *Escherichia coli* ATCC 25922, Dan *Salmonella typhi* ATCC 1408. *Mediagro*, 5(2), pp. 35-36.
- Nurina, C. I. E., Samingan & Iswadi, 2014. Uji Antimikroba Ekstrak Buah Salak Pondoh (*Salacca edulis*) Terhadap Bakteri *Escherichia Coli*. *BioEd*, 6(1), pp. 21-23.
- Palczar, J. & Chan, E., 1988. *Dasar-dasar Mikrobiologi* 2. Jakarta: Penerbit UI Press.
- Pinheiro, E. et al., 2003. Microorganisms from canals of root-filled teeth with periapical lesion. *International Endodontic Journal*, Volume 36, p. 4.
- Pourmorad, f., S. J. HosseiniMehr, S. & Shahabimajd, N., 2006. Antioxidant activity, phenol and flavonoid contents of some selected Iranian medicinal plants. *African Journal of Biotechnology*, 5(11), p. 1143.
- Pratiwi, S. T., 2008. *Mikrobiologi Farmasi*. Yogyakarta : Erlangga Medical Series.
- Priyanto, 2008. *Farmakologi Dasar*. 2nd penyunt. Depok: Leskonfi.
- Retnowati, Y., Bialangi, N. & Poangi, N. W., 2011. Pertumbuhan bakteri *Staphylococcus aureus* Pada Media Yang Diekspos Dengan Infus Daun Sambiloto (*Andrographis Paniculata*). *Saintek*, 6(2), p. 8.

- Rocas, I. N., Squera Jr, J. F. & Santos, K. R., 2004. Association of Enterococcus faecalis with different forms of periradicular diseases. *Journal of endodontics*, 30(5), p. 315-318.
- Rohmanto, K., Hastuti, U. S. & Witjoro, A., 2013. Pengaruh Ekstrak Metanol Daun Sansevieria (*Sansevieria trifasciata* var. *Laurentii*) Terhadap Penghambatan Pertumbuhan *Staphylococcus aureus* dan *Escherichia coli* Secara In Vitro.
- Santoso, R. M., Praharani, d. D. M. K. & Purwanto, D. d., 2012. Daya Antibakteri Ekstrak Daun Pare (*Momordica charantia*) dalam Menghambat Pertumbuhan *Streptococcus viridans*. p. 3.
- Sari, F. P. & Sari, S. M., 2011. Ekstraksi Zat Aktif Antimikroba dari Tanaman Yodium (*Jatropha multifida* Linn) sebagai Bahan Baku Alternatif Antibiotik Alami.
- Schafer, E., 2007. Irrigation of the root canal. *Endo*, 1(1), p. 20-21.
- Schäfer, E. & Bössmann, K., 2005. Antimicrobial efficacy of chlorhexidine and two calcium hydroxide formulations against *Enterococcus faecalis*. *J Endod*.
- Schleifer, K. H. & Kilpper-Ballz, R., 1984. Transfer of *Streptococcus faecalis* and *Streptococcus faecium* to the Genus *Enterococcus* norn. rev. as *Enterococcus faecalis* comb. nov. and *Enterococcus faecium* comb. nov.. *International Journal Of Systematic Bacteriology*, 34(1), pp. 31-33.
- Siqueira, J. F. et al., 1999. Mechanical Reduction of the Bacterial Population in the root canal by three instrumentations technique. *journal of endodontics*, Volume 25 , p. 334.
- Soetomo, M., 1990. *Teknik Bertanam Salak*. Bandung: PT. Sinar Baru Bandung.
- Stuart, C. H., Schwartz, S., Beeson, T. & Owatz, C., 2006. *Enterococcus faecalis*: Its Role in Root Canal Treatment Failure and Current Concepts in Retreatment. *Journal of Endodontists*, 32(2), p. 93.
- Sulaksono, S., Fitrianingsih, S. P. & yuniarni, U., 2015. karakterisasi simplisia dan ekstrak etanol buah salak ( *Salacca Zalacca* (Ger.erth.)Voss). p. 317-319.
- Tanumihardja, M., 2010. Larutan irigasi saluran akar. *Dento facial vol.9, No.2*, p. 108.

- Tjitrosoepomo, G., 1988. *Taksonomi Tumbuhan*. s.l.:Gadjah Mada Universiity Press.
- Tong, Z. et al., 2014. An In Vitro Study on the Effects of Nisin on the Antibacterial Activities of 18 Antibiotics against Enterococcus faecalis. *Plos One*, 9(2), p. 7.
- Torabinejad, M. et al., 2003. A New Solutionfor the Removalof thr Smear Layer. *Journal of Endodontics*, 23(3), p. 173.
- Tortora, G. J., Funke, B. R. & Case, C. L., 2001. *Microbiology : An Introduction* ed 7. USA: Benjamin Cummings.
- Walton, R. E. & Torabinejad, M., 2008. *Prinsip dan Praktik Ilmu Endodonsia ed 3*. jakarta: EGC.
- Walton, R. & Torabinejad, M., 2008. *Prinsip dan praktek ilmu endodonsi Alih bahasa : Narlan N, Winiati S, Bambang N Ed ke-3*. JAKARTA: EGC.
- Wang, Q.-Q., Zang, C.-F., Chu, C.-H. & Zhu, X.-F., 2012. Prevalence of Enterococcus faecalis in saliva and filled root canals of teeth associated with apical periodontitis. *International Journal of Oral Science* , p. 19.
- Wijayakusuma, H., 1997. *Tanaman Berkhasiat Obat di Indonesia, volume 3*. jakarta: Pustaka Kartini.
- Yahya, H., 2016. Pengaruh Perasan Buah Jeruk Nipis (*Citrus Aurantifolia* Swinge) Terhadap Hambatan Pertumbuhan Bakteri Enteroccus Faecalis Dominan Pada Saluran Akar Secara In Vitro. [*Naskah Publikasi*], p. 8.
- Zehnder, M., 2006. Root Canal Irrigants. *American Association of Endodontists*, 32(5), p. 391.