

## DAFTAR PUSTAKA

- AAE, 2011, *Endodontic (Colleagues of Excellence)*, Chicago, Available from: [https://www.aae.org/uploadedfiles/publications\\_and\\_research/endodontics\\_colleagues\\_for\\_excellence\\_newsletter/rootcanalirrigantsdisinfectants.pdf](https://www.aae.org/uploadedfiles/publications_and_research/endodontics_colleagues_for_excellence_newsletter/rootcanalirrigantsdisinfectants.pdf)
- Amalia S, Wahdaningsih S, Untara EK, 2014, Uji Aktivitas Antibakteri Fraksi N-Heksan Kulit Buah Naga Merah (*Hylocereus Polyrhizus* Britton & Rose) Terhadap Bakteri *Staphylococcus Aureus* Atcc 25923, Pontianak; *Jurnal Fitofarmaka Indonesia*.
- Aw, Vincent, 2016, Discuss the role of microorganisms in the aetiology and pathogenesis of periapical disease, Victoria; *Australian Society of Endodontology*
- Azizah DN, Kumolowati E, Faramayunda F, 2014, Penetapan Kadar Flavonoid Metode Alcl<sub>3</sub> Pada Ekstrak Metanol Kulit Buah Kakao (*Theobroma Cacao* L.), Cimahi; *Kartika Jurnal Ilmiah Farmasi*
- Babii C, Mihalache G, Bahrin LG., 2018, A novel synthetic flavonoid with potent antibacterial properties: In vitro activity and proposed mode of action, Romania; *Plos One*
- Baena, LM and García Cardona, NA, 2012. Obtaining and characterizing dietary fiber from husk of the roasted seeds of *Theobroma cacao* L. from a Colombian chocolate industry, Bachelor's thesis, Pereira: *Technological University of Pereira*.
- Delost, M.D. 2014. *Introduction to Diagnostic Microbiology for the Laboratory Sciences*. Jones & Bartlett: University Youngstown Ohio. pp. 120-121.
- Dubey S, 2015, *Comparative antimicrobial efficacy of herbal alternatives (Embilica officinalis, Psidium guajava), MTAD, and 2.5% sodium hypochlorite against Enterococcus faecalis: An in vitro study*, Indore; Elsevier.
- Estrela C, Estrela CRA, Barbin EL, 2002, Mechanism of Action of Sodium Hypochlorite, Sao Paulo; *Brazil Dental Journal*.
- Fapohunda & Afolayan, 2012, Fermentation of Cocoa Beans and Antimicrobial Potentials of the pod Husk Phytochemicals, *Journal of Physiology and Pharmacology Advances*, 2 (3), 158-164.
- Farooq, Tasdik. 2013. *Phytochemical and Pharmacological Investigation of the Leaves of Carica papaya Linn*. Department of Pharmacy East West University Aftabnagar, Dhaka. pp. 26-27, 41, 85.
- Federer, WT. 1974. *Experiment Design : Theory and Applications*. 3rd ed. New Delhi: Oxford LBH Publishing Co., p. 43.
- Haapasalo M, Shen Y, Wang Z, Gao Y, 2014, *Irrigation in Endodontics*, Vancouver; Macmillan Publishers.

- Habl C, Bodenwinkler A, Sturzlinger H, 2006, *Endodontic treatment of molars*, Stubenring; GMS Health Technology
- Hassan SM, Haq AU, Byrd JA, Cartwright AL, Bailey CA, 2010, *Haemolytic and antimicrobial activities of saponin-rich extracts from guar meal*, Ismallia; Elsevier.
- Hermawan Sri, Yuli Rizky AN, Rosdanelli H, 2012, Penentuan Efisiensi Inhibisi Korosi Baja Menggunakan Ekstrak Kulit Buah Kakako (*Theobroma cacao*). *Jurnal Teknik Kimia*; 1 (2): 31-33.
- Human Oral Microbiome Database (HOMD). *Streptococcus sanguinis*. Taken from [www.homd.org/index.php?name=HOMD&view=dynamic&oraltaxonid=758](http://www.homd.org/index.php?name=HOMD&view=dynamic&oraltaxonid=758), 13 Mei 2017
- Husna Fa, Sulasmi Es, Witjoro A, 2016, *Uji Aktivitas Antibakteri Ekstrak Metanol Ental Muda Diplazium Esculentum (Retz.) Swartz Terhadap Pertumbuhan Staphylococcus Aureus Dan Escherichia Coli Secara In Vitro*, Malang; Jurnal Universitas Negeri Malang.
- Kabera J, Edmond S, Ally RM, Xin H. 2014. Plant Secondary Metabolites: Biosynthesis, Classification, Function and Pharmacological Properties. *Journal of Pharmacy and Pharmacology*; 2: 377-392
- Kapralos V, Koutroulis A, Orstavik D, Sunde PT, Rukke HV, 2017, Antibacterial Activity of Endodontic Sealers against Planktonic Bacteria and Bacteria in Biofilms; Oslo; *American Association of Endodontics*.
- Kementerian Pertanian, 2017, *Fasilitas Penelitian Kakao, Upaya Dongkrak Peringkat Indonesia Penghasil Kakao Terbesar Dunia*, Jakarta, Available from: [http://www.pertanian.go.id/ap\\_posts/detil/1336/2017/11/20/10/50/06/Fasilitas%20Penelitian%20Kakao-%20Upaya%20Dongkrak%20Peringkat%20Indonesia%20Penghasil%20Kakao%20Terbesar%20Dunia](http://www.pertanian.go.id/ap_posts/detil/1336/2017/11/20/10/50/06/Fasilitas%20Penelitian%20Kakao-%20Upaya%20Dongkrak%20Peringkat%20Indonesia%20Penghasil%20Kakao%20Terbesar%20Dunia)
- Lam, TSK, Wong, OF and Tang, SYH, 2010, A case report of natrium hypochlorite, *Hong Kong Journal of Emergency Medicine*, 17(2), 174-175.
- Lamothe RG, Michell G, Gattuso M, Diarra MS, Malouin F, Bouarab K, 2009, Plant Antimicrobial Agents and Their Effects on Plant and Human Pathogens, Quebec; *International Journal Of Moleccular Science*.
- Lew, HP, Quah SY, Lui, JN, Bergenboltz, G, Yu, VSH, Tan, KS. 2015. Isolation of Alkaline-tolerant Bacteria from Primary Infected Root Canals. Singapore. *American Assosiation of Endodontists*
- Liu Z, Pan Y, Li X, Jie J, Zeng M, 2017, *Chemical composition, antimicrobial and anti-quorum sensing activities of pummelo peel flavonoid extract*, Qingdao; Elsevier.

- Madduluri S, Rao Kb, Sitaram B, 2013, In Vitro Evaluation Of Antibacterial Activity Of Five Indigenous Plants Extract Against Five Bacterial Pathogens Of Human. Tamil; *International Journal of Pharmacy and Pharmaceutical sciences*.
- Madhusudhana K, Lalitha G, Kumar CS, Lavanya A, 2017, Evaluation Of The Effectiveness Of Natrium Hypochlorite And Edta On Removal Of The Mixture Of Calcium Hydroxide, Chlorhexidine And Lycopene From The Root Canal: A Sem Study, Nellore; *Annals and Essences of Dentistry*
- Matsumoto M., Tsuji M., Okuda J., Sasaki H., Nakano K., Osawa K., Shimura S., and Ooshima T. 2004. *Inhibitory effects of cacao bean husk extract on plaque formation in vitro and in vivo*. *Eur J Oral Sci* 112 (3), 249-52.
- Mohammadi Z. Sodium hypochlorite in endodontics: an update review. *International Dental Journal*;2008 : 58. pp.329-41.
- Mulyatni AS, Budiani A, Taniwiryono D, 2012; *Aktivitas antibakteri ekstrak kulit buah kakao (Theobroma cacao L.) terhadap Escherichia coli, Bacillus subtilis, dan Staphylococcus aureus*, Bogor; Menara Perkebunan.
- Ngajow M, Abidjulu J, Kamu Vs, 2013, *Pengaruh Antibakteri Ekstrak Kulit Batang Matoa (Pometia Pinnata) Terhadap Bakteri Staphylococcus Aureus Secara In Vivo*, Manado; Jurnal Mipa Unsrat Online.
- Nuria Mc, 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*, Semarang; Mediagro.
- Nurrezeki AA, Rulianto M, Yuanita T, 2017, Konsentrasi Hambat Minimal (KHM) dan Konsentrasi Bunuh Minimal (KBM) Ekstrak Kulit Buah Kakao (Theobroma cacao) Terhadap Bakteri Streptococcus sanguinis, Surabaya; *Dental Journal*.
- Okahashi N, Nakata M, Tareo Y, 2011, *Pili of oral Streptococcus sanguinis bind to salivary amylase and promote the biofilm formation*, Osaka; Elsevier.
- Paik S, Senty L, Das S, Noe JC, Munro CL, Kitten T, 2005, Identification of Virulence Determinants for Endocarditis in Streptococcus sanguinis by Signature-Tagged Mutagenesis, Virginia; *American Society for Microbiology*
- Parija, SC. 2014. *Textbook of Microbiology & Immunology*, 2nd ed. India: Elsevier. pp. 69-70, 192-193.
- Perez, F., Calas, P., de Falguerolles, A., Maurette, A. 1993. Migration of a Streptococcus sanguis Srain Through The Root Dentinal Tubules. *Journal of Endodontics* Vol. 19(6). pp.297-301.

- Pujar M, Makandar SD, 2011, Herbal Usage in Endodontics, Belgaum; *International Journal of Contemporary Dentistry*.
- Romas A, Rosyidah DU, Aziz MA, 2015, *Uji Aktivitas Antibakteri Ekstrak Etanol Kulit Buah Manggis (Garcinia Mangostana L) Terhadap Bakteri Escherichia Coli Atcc 11229 Dan Staphylococcus Aureus Atcc 6538 Secara In Vitro*, Surakarta; University Research Colloquium.
- Saatchi M, Mohammadi G, Sichani AV, Moskhforoush S, 2017, Technical Quality of Root Canal Treatment Performed by Undergraduate Clinical Students of Isfahan Dental School, Isfahan; *Iranian Endodontic Journal*.
- Safira H, 2008, *Sitotoksitas Ekstrak Kulit Buah Manggis (Garcinia Mangostana L.) sebagai Alternatif Bahan Irigasi Saluran Akar Terhadap Kultur Sel Lines*, Jember; Digital Repository Universitas Jember.
- Sari FP dan Sari SM, 2011, *Ekstraksi Zat Aktif Antimikroba dari Tanaman Yodium (Jatropha multifida linn) sebagai bahan baku antibiotik alami*, Semarang; Jurnal Universitas Negeri Semarang.
- Silveira, LFM, Silveira, CF, Martos, J and de Castro, LAS, 2013, Evaluation of the different irrigation regimens with natrium hypochlorite and EDTA in removing the smear layer during root canal preparation, *Journal of Microscopy and Ultrastructure*, 1(1), 51-56.
- Siqueira JF, Pinto TG, Rocas IN, 2007, Effects of Chemomechanical Preparation With 2.5% Natrium Hypochlorite and Intracanal Medication With Calcium Hydroxide on Cultivable Bacteria in Infected Root Canals, Rio de Janeiro; *American Association of Endodontists*.
- Tan KS, Yu VSH, Q SY, Bergenboltz G, 2015, Rapid Method for the Detection of Root Canal Bacteria in Endodontic Therapy, Singapore; *American Association of Endodontics*.
- Tanumihardja M, 2010, *Larutan Irigasi Saluran Akar*, Makassar; Dentofasial.
- Tjitrosoepomo. 2007. *Taksonomi Tumbuhan (Spermatophyta)*. Yogyakarta: Universitas Gadjah Mada.
- Torabinejad, M. and Walton, R. 2009. *Endodontics: Principles and Practice*. 4th ed. Elsevier Health Sciences.
- Torabinejad M., & Walton R.E, Fouad Ashraf,. 2015. *Endodontics: Principle and Practices*. 5th ed. St. Louis Saunders.
- Tsuzuki JK, Svidzinski TIE, Shinobu CS, 2007, *Antifungal activity of the extracts and saponins from Sapindus saponaria L*. Martinga; Annals of the Brazillian Academy of Sciences.
- Valgas C, de Souza SM, Smania EF, Smania A, 2007, Screening Method to Determine Antimicrobial Activity of Natural Product, Brazil; *Brazillian Journal of Microbiology*.

Xu P, Alves JM, Kitten T, 2007, Genome of the Opportunistic Pathogen *Streptococcus sanguinis*, Virginia; *American Society for Microbiology*.

Zmener O, Pameijer CH, Banegas G. 2007. *An in vitro study of PH of three calcium hydroxide dressing materials*. Dent. Traumatol.