

## DAFTAR PUSTAKA

- Amazu, L. U., Azikiwe, C. C. A., Osuala, F. N., Nwosu, P. J. C., Ajugwo, A. O., Enye, J. C., 2010, Antiinflammatory activity of the methanolic extract of the seeds of *Carica papaya* in experimental animals, *J. of Trop Med*, 3(11): 884-886.
- American Veterinary Medical Association, 2007, *AVMA Guidelines on Euthanasia (Formerly Report of The AVMA Oanle on Euthanasia)*. h. 1-36.
- Anaga, A. O., dan Onehi, E.V., 2010, Antinocceptive dan Anti-inflammatory Effect of The Methanol Seed Extract of *Carica papaya* in mice and Rats, *Afr J. of Pham Pharmacol*, 4(4): 140-144.
- Apatzidou D. A., Kinane D. F., 2010, Non surgical mechanical treatment strategies for periodontal disease, *Dent Clin North Am*, 54: 1-12.
- Aral, C. A., Kesim, S., Greenwell, H., Kara, M., Çetin, A., Yakan, B., 2015, Alveolar bone protective and hypoglycemic effects of systemic propolis treatment in experimental periodontitis and diabetes mellitus, *J Med Food*, 18: 195–201.
- Bamisaye, F. A., Ajani, E. O., dan Minari, J. B., 2013, Prospects of Ethnobotical Uses of Pawpaw (*Carica Papaya*), *J Med Plant Stud*, 1(4): 171-177
- Carranza, F.A., Rapley, J. W., and Haake, S.K., 2002, *Result of Periodontal Treatment, In : Carranza's Clinical Periodontology*, 9<sup>th</sup> ed, W.B. Saunders Company, Philidelphia, h. 324.
- Carranza, F.A., Newman F.G., Takei, H.H., 2006, *Carranza's Clinical Periodontology*, 10<sup>th</sup> ed, W.B. Saunders Company, Philadelphia, h. 452-458.
- Carvalho, L. T. L., Bombonato, K. F., Brentegani, L. G., 1997, Histometric Anallysis of Rat Alveolar Wound Healing, *Braz Dent J*, 8(1): 9-12.
- Cheleleuitte D., Mizuno S., Glowacki J., 1998, In Vitro Secretion of cytokines by human bone marrow:effects of age and estrogen status, *J Clin Endocrinol Metab*, 83(6): 2043-52.
- Chiang, C. Y., Kyritsis, George., Graves, D. T., Amar, Salomon., 1999, Interleukin-1 and Tumor Necrosis Factor Activities Partially Account for Calvarial Bone Resorption Induced by Local Injection of Lipopolysaccharide, *Infect. Immun*, 67(8): 4231-4236.
- Conn, P. M., 2008, *Sourcebook of Models For Biomedical Research*, Humana Press, New Jersey, h. 179.

- Dahiya, Parveen., Kamal, Reet., 2013, Hyaluronic Acid : A Boon in Periodontal Therapy., *J Med Sci*, 5(5): 309-315
- Depkes RI., 2009, *Farmacope Indonesia*, Edisi 4, Departemen Kesehatan RI, Jakarta.
- Dimitriou, Rozalia., Tsiridis, Eleftherios., Giannoudis, Peter V., 2005, Current Concepts of Molecular Aspects of Bone Healing, *J. Care Injured*, 36: 1392-1404.
- Eke, O. N., Augustine, A. U., dan Ibrahim, H. F., 2014, Qualitative Analysis of Phytochemicals and Antibacterial Screening of Extraxt of Carica papaya Fruits and Seed, *Int. J. of Modern Chemistry*, 6(1): 48-56.
- Eley, B.M., Manson, J.D., 2004, *Periodontics*, 5<sup>th</sup> ed., Elsevier, China, hal. 103.
- Fedi, F. J., Vernino A. R., dan Gray, J.L., 2004, *Faktor Periodontal yang Berkaitan dengan Plak : Patogenesis, Silabus Periodonti*, Edisi 4, EGC, Jakarta, h. 58.
- Fernandes, L. A., Martins, T. M., Almeida, J. M., Nagata, M. J. H., Theodoro, L. H., Garcia, V. G., Bosco, A. F., 2010, Experimental periodontal disease treatment by subgingival irrigation with tetracycline hydrochloride in rats, *J Appl Oral Sci*, 18(6): 635-640.
- Fernandes, M. I., Gaio, J. E., Oppermann, R. V., Rados, Pantelis V., Rosing, C, Kuchenbecker., 2007, Comparison of histometric and morphometric analyses of bone height in ligature-induced periodontitis in rats, *Braz Oral Res*, 21(3): 216-221.
- Garcia, V. G., Knoll, L. R., Longo, M., Novaes, V. C. N., Assem, N. Z., Ervolino, E., de Toledo, B. E., Theodoro, L. H., 2015, Effect of the probiotic *Saccharomyces cerevisiae* on ligature-induced periodontitis in rats, *J Periodontal Res*, 51: 26-37.
- Gontiya, Gauri., Galgali, S. R., 2012, Effect of hyaluronan on periodontitis : A clinical and histological study., *J Indian Soc Periodontol*, 16(2): 184-192.
- Hosadurga, R. R., Rao, S. N., Edavanputhalath, R., Jose, Jobin., Rompicharla, N. C., Shakil, Moidin., Raju, Shashidhara., 2015, Evaluation of the efficacy of 2% Ocimum sanctum gel in the treatment of experimental periodontitis, *Int J Pharm Investig*, 5(1): 35-42.
- Hubrecht, R. C., Kirkwood, James., 2010, *The UFAW Handbook On The Care and Management of Laboratory and Other Research Animals*, 8<sup>th</sup> ed, Wiley-Blackwell, USA, h. 311.

- Indahyani, D.E., Pudyani, P.S., Al-Supartinah., Jonarta, A.L., 2003, Pengaruh Diet Minyak Jagung dan Minyak Ikan terhadap Ekspresi Osteoklas Periapikal Gigi pada Tikus, *JKGI*, 10(3): 31-36.
- Isnania., Fatimawali., dan Wehantouw, F., 2014, Aktivitas Diuretik dan Skrining Fitokimia Ekstrak Etanol Biji Pepaya ( *Carica papaya* L.) pada Tikus Putih Jantan Galur Wistar (*Rattus norvegicus*), *PHARMACON*, 3(3): 188-195.
- Jeong, H.M., Han, E.H., Jin, Y.H., Hwang, Y.P., Kim, H.G., Park, B.H., Kim, J.Y., Chung, Y.C., Lee, K.Y., Jeong, H.G., 2010, Saponins from The Roots of *Platycodon grandiflorum* Stimulate Osteoblast Differentiation via P38 MAPK- and ERK dependent RUNX2 Activation, *FCT*, 48(12): 3362-3368.
- Juliantina, F.R., Citra, D.A.M., Nirwani, B., Nurmasitoh, T., dan Bowo, E.T., 2009, Manfaat Sirih Merah (*Piper crocatum*) sebagai Agen Antibakterial terhadap Bakteri Gram Positif dan Gram Negatif, *JKKI*, 532-543.
- Kalie, B. M., 2008, *Bertanam Papaya*, Penebar Swadaya, Jakarta, h. 28.
- Khare CP, 2004, *Indian Herbal Remedies*, Springer, Heidelberg, h. 115–181.
- Kirzioglu, F. Y., Bulut, M. T., Dogan, Burak., Fentoglu, Ozlem., Ozmen, Ozlem., Carsancakli, S. A., Ergun, A. G., Ozdem, Muhsin., Orhan, Hikmet., 2017, Anti-inflammatory effect of rosuvastatin decreases alveolar bone loss in experimental periodontitis, *J Oral Sci*, 59(2): 247-255
- Kristanti, R.A., 2012, Penggunaan Doksisisiklin Hyclate sebagai Inhibitor Matriks Metalloproteinase pada Terapi Tambahan Periodontitis, *Saintis*, 1(2): 65-73.
- Kubono, Y., Mayahara, M., Otsuka, H., Kataoka, R., Takagi, Y., Asari, J., Nonaka, N., Inoue, M., Nakamura, M., 2014, Analysis of Periapical Alveolar Bone Resorption after The Removal of Interdental Wire Ligation, *J Ped Dent*, 30: 1-7.
- Kumaran, A., dan Karunakaran, R.J., 2007, in Vitro Antioxidant Activities of Methanol Extracts of Five *Phyllanthus* Species From India, *J LWT*, 40(1): 344-352.
- Lewandrowski, K.E., Wise, D.L., Trantolo, D.J., Yaszemski, M.J., White, A.A., 2004, *Advances in Spinal Fusion : Molecular Science, Biomechanics, and Clinical Management*, Marcel Dekker, New York, h. 103.
- Lin, Jiang., Bi, Liangjia., Yu, Xiaoqian., Kawai, Toshihisa., Taubman, M. A., Shen, Baozhong., Han, Xiaozhe., 2014, *Porphyromonas gingivalis* Exacerbates Ligature-Induced, RANKL-Dependent Alveolar Bone resorption via

Differential Regulation of Toll-like Recceptor 2 (TLR2) and TLR4, *JASM*, 82(10): 4127-4134.

Loi, Florence., Cordova, Luis A., Pajarinen, Jukka., Lin, Tzu-hua., Yao, Zhenyu., Goodman, Stuart B., 2016, Inflammation, Fracture, and Bone Repair, *Bone*, 86(119-130).

Mendes, R. M, Silva, G. A., Lima, M. F., Calliari, M. V., Almeida A.P., Alves, J. B., 2008, Sodium hyaluronate accelerates the healing process in tooth sockets of rats. *Arch Oral Biol*, 53: 1155–62.

Moseley R., Waddington R. J., Embery, G., 2002, Hyaluronan and its potential role in periodontal healing. *Dent*, 29: 144–8.

Muchtadi D., Palupi N. S., Astawan M., 1993, *Metabolisme Zat Gizi*, Pustaka Sinar Harapan, Jakarta, h. 56.

Mumtahaz, N. H., 2017, Pengaruh ekstrak biji pepaya (*Carica papaya* Linn.) terhadap diferensiasi osteoblast pada osteogenesis (Kajian in vitro kultur osteoblas), *Skripsi*, Fakultas Kedokteran Gigi Universitas Gadjah Mada, Yogyakarta, h.38.

Newman M.G., Takei H.H., Carranza F.A., 2008, *Carranza's Clinical Periodontology*, 10<sup>th</sup> ed., W.B Saunders Company, Philadelphia.

Newman, M.G., Takei, H.H., Klokkevold, P.R., and Carranza, F.A, 2012, *Carranza's Clinical Periodontology*, 11<sup>th</sup> ed., W.B. Saunders Company, Missouri.

Newman, Michael G., Takei, Henry H., Klokkevold, Perry R., Carranza, Fermin A., 2015, *Carranza's Clinical Periodontology*, 12<sup>th</sup> ed, Elsevier Saunders, Canada, h. 404.

Nguyen T. T., Shaw P. N., Parat M. O., Hewavitharana A. K., 2013, Anti-cancer activity of *Carica papaya* : A review, *Mol Nutr Food Res*, 57: 153–164.

Nield-Gehrig, J.S. and Willmann, D.E., 2008, *Foundations of Periodontics for the Dental Hygienist*, Lippincott Williams & Wilkins, Philadelphia, h. 164.

Noe, Y.A., Thomas, N., Tungadi, R., 2014, Formulasi Gel Arbutin dengan Menggunakan Viscolam sebagai Basis Gel, *Kim Fak. Ilmu-Ilmu Kesehatan dan Keolahragaan*, 2(3): 1-5.

Obiechina, N., 2011, *Understanding Periodontitis : A Comprehensive Guide to Periodontal Disease for Dentist, Dental Hygienist and Dental Patients*, Author House, Bloomington, h. 11.

- Owoyele, B. V., Adebukola, O. M., Funmilayo A. A., dan Soladoye, A. O., 2008, Antiinflammatory Activities of Ethanolic Extract of *Carica Papaya* Leaves, *Inflammopharmacology*, 16: 168-173.
- Pei, Z., Zhang, F., Niu, Z., dan Shi, S., 2013, Effect of Icariin on Cell Proliferation and The Expression of Bone Resorption/Formation-related Markers in Human Periodontal Ligament Cells, *Mol Med Rep*, 8: 1499-1504.
- Pihlstrom B. L., Michalowicz B. S., Johnson N. W., 2005, Periodontal Diseases, *Lancet*, 366(9499): 1809-1820.
- Prasetyono, T. O. H., 2009, General Concept of Wound healing, Revisited, *Med J. Indones*, 18(3): 208-216.
- Rajan, Padma., Baramappa, Radhika., Rao, N. M., Pavaluri, A. K., Indeevar, P., Rahaman, S. M. U., 2014, Hyaluronic Acid as an Adjunct to Scalling and Root Planning in Chronic Periodontitis : A Randomized Clinical Trial, *J Clin Diagn Res*, 8(12): 11-14.
- Rahman, M.S., 2000, *Khasiat Kandungan Tanaman Herbal*, Binarupa Aksara, Jakarta, h. 45.
- Ramadhani, Z. F., Putri D. K. T., Cholil, 2014, Prevalensi Penyakit Periodontal pada Perokok di Lingkungan Batalyon Infanteri 621/Manuntung Barabai Hulu Sungai Tengah, *Dentino (JKG)*, 2(2): 115 – 119.
- Reddy, S., 2008, *Essentials of Clinical Periodontology and Periodonctics*, 2<sup>nd</sup> ed, New Delhi, Jaypee Brothers Medical Publishers, h. 22-23.
- Sayuti, N.A., 2015, Formulasi dan Uji Stabilisas Fisik Sediaan Gel Ekstrak Daun Ketepeng Cina (*Cassia alata* L.), *JKI*, 5(2): 74-82.
- Schiling, T., Ebert, R., Raajimakers, N., Schutze, N., dan Jakob, F., 2014, Effects of Phytoestrogens and Other Plant-derived Compounds on Mesenchymal Stem Cells, Bone Maintenance and Regeneration, *J Steroid Biochem Mol Biol*, 139: 252-262.
- Souza, D. M., Prado, F. A., Pradp, M.A., Rocha, R. F., Carvalho, Y. R., 2010, Evaluation of two morphometric methods of bone loss percentages caused by periodontitis in rats in different locations, *J Appl Oral Sci*, 18(5):493-497
- Suckow, M.A., Weisbroth, S.H., Franklin, C.L., 2006, *The Laboratory Rat*, 2<sup>nd</sup> ed, Elsevier, California, h. 27.

- Taibo, Angela., 2014, *Veterinary Medical Terminology : Guide and Workbook*, Wiley Blackwell, USA, h. 254.
- U.S. International Trade Commission, 2011, *Purified Carboxymethylcellulose from Finland, Mexico, Netherlands, and Sweden*, Washington DC, h. 13-14.
- Vishal, S. N., Neeta, B. V., Nilam, B. A., 2014, An Evaluation of 0.2% Hyaluronic Acid Gel (*Gengigel*<sup>®</sup>) inn the Treatment of Gingivitis: A Clinical & Microbiological Study, *OHDM*, 13(3): 779-785.
- Yanhendri., Yenny, S.W., 2012, Berbagai Bentuk Sediaan Topikal dalam Dermatologi, *CDK-194*, 39(6): 323-430.
- Yao, D., Xie, X. H., Wang, X.L., Wan, C., Lee, Y.W., Chen, S.H., Pei, D. Q., Wang, Y.X., Li,G., dan Qin, L., 2012, Icaritin, an Exogenous Phytomolecule, Enhances Osteogenesis but Not Angiogenesis-An In Vitro Efficacy Study, *PLOS ONE*, 7(8): 1 -10.
- Zhou, K., Wang, H., Mei, W., Li, X., dan Dai, H., 2011, Antioxidant Activity of Papaya Seed Extract, *Mol* , 16: 6179-6192.