

DAFTAR PUSTAKA

- American Academy of Periodontology, 2005, The Role of Supra- and Subgingival Irrigation in the Treatment of Periodontal Diseases, *J. Periodontol*, 2005(76):2015-2027.
- Bae, J., Choi, J., Choi, Y., Shin, S., Kang, S., Han, S., J., Kang, Y., 2007, Epigallocatechin gallate hampers collagen destruction and collagenase activation in ultraviolet-B-irradiated human dermal fibroblasts: Involvement of mitogen-activated protein kinase, *FCT*, 46(1):1298-1307.
- Bathla, S., 2011, *Periodontics Revisited*, Jaypee Brothers Medical Publishers, India, hal 17.
- Baydar, N., G., Sagdic, O., Ozkan, G., Cetin, S., 2006, Determination of Antibacterial Effects and Total Phenolic Contents of Grape (*Vitis vinifera* L.) Extracts, *IJFST*, 41:799-804.
- Benjamin, S., Roshni, Thomas, S., S., Nainan, M., T., 2012, Grape Seed Extract as a Potential Remineralizing Agent: A Comparative in vitro Study, *J. Contemp. Dent. Pract.*, 13(4):425-430.
- Berkovitz B., K., B., Moxham B., J., Newman H., M., 1995, *The Periodontal Ligament in Health and Disease*, 2nd ed., Mosby-Wolfe, London, hal 43.
- Brar, S., K., Dhillon, G., S., Soccol, C., P., 2014, *Biotransformation of Waste Biomass into High Value Biochemicals*, Springer, New York, hal 48.
- Braun, L., Cohen, M., 2010, *Herbs and Natural Supplements: An Evidence-based Guide*, 3rd ed., Elsevier, Australia, hal 52.
- Clerehugh, V., Tugnait, A., Genco, R., J., 2009, *Periodontology at a Glance*, Wiley-Blackwell, UK, hal 48.
- Dionysopoulos, D., 2016, Effect of digluconate chlorhexidine on bond strength between dental adhesive systems and dentin: A systematic review, *J. Conserv. Dent.*, 19(1):11-16.
- Djoka, M., C., Y., Setiawan, M., Hasanah, A., 2012, Pengaruh Ekstrak Biji Anggur Merah (*Vitis vinifera*) Terhadap Penurunan Glukosa Darah Tikus Putih Strain Wistar Model Diabetikum, *Saintika Medika*, 8(1):35-42.
- Govindaraj, J., Emmadi, P., Puvanakrishnan, R., 2011, Therapeutics effects of proanthocyanidin on the pathogenesis of periodontitis: An overview, *Indian J. Exp. Biol.*, 49:83-93.
- Gu, L., Kelm, M., A., Hammerstone, J., F., Beecher, G., Holden, J., Haytowitz, D., Gebhardt, S., Prior, R., L., 2003, Concentrations of Proanthocyanidin in Common Foods and Estimations of Normal Consumption, *J. Nutr.*, 134:613-617.

- Houri-Haddad, Y., Halabi, A., Soskolne, W., A., 2008, Inflammatory response to chlorhexidine, minocycline HCL, and doxycycline HCL in an in vivo mouse model, *J. Clin. Periodontol.*, 35:783-788.
- Ionel, A., Lucaciu, O., Moga, M., Buhatel, D. Ilea, A., Tabaran, F., Catoi, C., Berce, C., Toader, S., Campian, R., S., 2015, Periodontal Disease Induced in Wistar Rats-Experimental Study, *HVM Bioflux*, 7(2):90-95.
- Jayaprakasha, G., K., Selvi, T., Sakariah, K., K., 2003, Antibacterial and antioxidant activities of grape (*Vitis vinifera*) seed extracts, *Food Res. Int.*, 36(2):117-122.
- Jackson, J., K., Zhao, J., Wong, W., Burt, H., M., 2010, The inhibition of collagenase induced degradation of collagen by the galloyl-containing polyphenols tannic acid, epigallocatechine gallate, and epicatechine gallate, *J. Mater. Sci.*, 21:1435-1443.
- Jhingta, P., Bhardwaj, A., Sharma, D., Kumar, N., Bhardwaj, V., K., Vaid, S., 2013, Effect of hydrogen peroxide mouthwash as an adjunct to chlorhexidine on stains and plaque, *J. Indian Soc. Periodontol*, 17(4):449-453.
- La, V., D., Howell, A., B., Grenier, D., 2009, Cranberry Proanthocyanidins inhibit MMP production and activity, *J. Dent. Res.*, 88(7):627-632.
- Li, W., Zhang, X., Wu, Y., Tian, X., 2001, Anti-inflammatory effect and mechanism of proanthocyanidin from grape seeds, *Acta Pharmacol Sin*, 22(12):1117-1120.
- Lumentut, R., A., N., Gunawan, P., N., Mintjelungan, C., N., 2013, Status Periodontal dan Kebutuhan Perawatan pada Usia Lanjut, *Jurnal e-Gigi*, 1(2):79-83.
- Mestecky, J., Lamm, M., E., McGhee, J., R., Bienenstock, J., Mayer, L., Strober, W., 2005, *Mucosal Immunology*, Elsevier, USA, 28.
- Miot, H., A., Brianezi, G., 2010, Morphometric Analysis of Dermal Collagen by Color Clusters Segmentation, *An. Bras. Dermatol.*, 85(3):361-364.
- Nagarakanti, S., Gunupati, S., Chava, V., K., Reddy, B., V., R., 2015, Effectiveness of Subgingival Irrigation as an Adjunct to Scaling and Root Planing in the Treatment of Chronic Periodontitis:A Systematic Review, *JCDR*, 9(7):6-9.
- Nassiri, M., Hosseinzadeh, H., 2009, Review of The Pharmacological Effects of *Vitis vinifera* (Grape) and Its Bioactive Compounds, *PTR*, 23(9):197-204.
- Newman, H., N., 1997, Periodontal Pocket Irrigation as Adjunctive Treatment, *Cur. Opin. Periodontol.*, 4:41-50.
- Newman, M., G., Takei, H., H., Klokkevold, P., R., 2006, *Carranza's Clinical Periodontology*, 10th ed., Elsevier, Canada, hal 69.

- Newman, M., G., Takei, H., H., Klokkevold, P., R., 2015, *Carranza's Clinical Periodontology*, 12th ed., Elsevier, Canada, hal 48.
- Nield-Gehrig, J., S., Willmann, D., E., 2011, *Foundations of Periodontics for The Dental Hygienist: Professional Oral Irrigation*, 3rd ed., Lippincott Williams & Wilkins, Philadelphia, hal 458-459.
- Pathak, Y., Benita, S., 2012, *Antibody-Mediated Drug Delivery System: Concepts, Technology, and Applications*, Wiley, USA, hal 44.
- Prasetya, R., C., 2013, Jumlah Sel Makrofag Gingiva Tikus Wistar Jantan yang Diinduksi Periodontitis Setelah Pemberian Ekstrak Etanolik Kulit Manggis, *Dentofasial*, 12(3):135-138.
- Rizka, A., Budipramana, V., S., Fauziah, D., 2013, Kepadatan Kolagen Tipe 1 pada Luka Operasi Tikus Wistar yang mengalami Anemia karena Perdarahan Akut, *JEM*, 2(1):54-58.
- Robinson, J., Harding, J., 2015, *The Oxford Companion to Wine*, Oxford University Press, United Kingdom, hal 803.
- Sabirin, I., P., R., Maskoen, A., M., Hernowo, B., S., 2013, Peran Ekstrak Etanol Topikal Daun Mengkudu (*Moringa citrifolia* L.) pada Penyembuhan Luka Ditinjau dari Imunoekspresi CD34 dan Kolagen pada Tikus Wistar, *MKB*, 45(4):226-233.
- Shimono, M., Ishikawa, T., Ishikawa H., Matsuzaki, H., Hashimoto, S., Muramatsu, T., Shima, K., Matsuzaka, K., Inoue, T., 2003, Regulatory Mechanisms of Periodontal Regeneration, *Microsc. Res. Tech.*, 60(5):491-502.
- Shi, J., Yu, J., Pohorly, J., E., Kakuda, Y., 2003, Polyphenics in Grape Seeds- Biochemistry and Functionality, *J. Med. Food*, 6(4):291-299.
- Sorsa, T., Tervahartiala, T., Leppilahti, J., Hernandez, M., Gamonal, J., Tuomainen, A., M., Lauhio, A., Pussinen, P., J., Mantyla, P., 2010, Collagenase-2 (MMP-8) as a point-of-care biomarker in periodontitis and cardiovascular diseases. Therapeutic response to non-antimicrobial properties of tetracyclines, *Pharmacol. Res.*, 63(1):108-113.
- Teller, P., White, T., K., 2009, The Physiology of Wound Healing: Injury Through Maturation, *Surg. Clin. North. Am.*, 89(3):599-610.
- Vayalil, P., K., Mittal, A., Katiyar, S., K., 2004, Proanthocyanidins from Grape Seeds Inhibit Expression of Matriks Metalloproteinases in Human Prostate Carcinoma Cells; Which is Associated with The Inhibition of Activation of MAPK and NF kappa B, *Carcinogenesis*, 25(6):987-995.
- Velnar, T., Bailey, T., Smrkolj, V., 2009, The Wound Healing Process: an Overview of the Cellular and Molecular Mechanisms, *J. Int. Med. Res.*, 37(5):1528-1542.



UNIVERSITAS
GADJAH MADA

Pengaruh Irigasi Ekstrak Biji Anggur Merah (*Vitis vinifera*) 10% terhadap Kepadatan Serabut Kolagen Ligamen Periodontal pada Proses Penyembuhan Periodontitis Tikus (*Rattus norvegicus*)
LARISSA SAMBUDI, Periodontitis rat, red grape seed extract, collagen fibers, synthesis

Universitas Gadjah Mada, 2018 | Diunduh dari <http://etd.repository.ugm.ac.id/>

White, S., C., Pharoah, M., J., 2014, *Oral Radiology Principles and Interpretation*, 7th ed., Elsevier, Canada, hal 57.