

DAFTAR PUSTAKA

- About, I., dan Mitsiadis, T. T., 2001, Molecular aspects of tooth pathogenesis and repair: in vivo and in vitro models, *Adv Dent Res*, 15 : 59-62.
- About, I., Laurent-Maquin, D., Urban, L., dan Thimios, A. M., 2000, Nestin Expression in Embryonic and Adult Human Teeth under Normal and Pathological Conditions, *American Journal of Pathology*, 157 : 1.
- Alqahtani, M.Q., 2014, Tooth Bleaching Procedures and Their Controversial Effects: A Literature Review, *The Saudi Dental Journal*, 26:33-46.
- Andriani, A., Handajani, J., dan Tetiana, H., 2012, Pulpal inflammation after vital tooth bleaching with 38% hydrogen Peroxide, *Dent. J. (Maj. Ked. Gigi)*, 45 (2) : 89–92.
- Arumugam, M.T., Nesamani, R., Kittapa, K., Sanjeev, K., Sekar, M., 2014, Effect various antioxidants on the shear bond strength of composite resin to bleached enamel: An in vitro study, *J Conserv Dent*, 17:22-26.
- Banomyong, D., Kanchanasantikul, P., dan Rebecca, H.W., 2013, Effects of casein phosphopeptide–amorphous calcium phosphate remineralizing paste and 8% arginine desensitizing paste on dentin permeability, *Journal of Investigative and Clinical Dentistry*, 4 : 200–206.
- Chaves, V. E. A. dan Massa, L.F., 2004, Odontoblast: The Cells Forming and Maintaining Dentine, *Int. J. of Biochemistry and Cell Biology*, 36(8): 1367-73.
- Chng, H.K., et al, 2005, Effect of hydrogen peroxide on intertubular dentine, *Journal of Dentistry Elsevier*, 33: 363-369.
- Cintra, L.T.A., Benetti, F., Ferreira, L.L., Rahal, V., Ervolino, E., Jacinto, R.C., Filho, J.E.G., Briso, A.L.F., 2016, Evaluation of an Experimental Rat Model for Comparative Studies of Bleaching Agents, *J. Appl. Oral Sci.*, 24(1): 95-104.
- Cooper, P., R., Takahashi, Y., Graham, L., W., Stephane S., Satoshi, I., dan Anthony J., S., 2010, Inflammation–regeneration interplay in the dentine–pulp complex, *Elsevier, Journal of Dentistry*, 38 : 687 – 697.
- Costa, C.A.S., Riehl, H., Kina, J.F., Sacono, N.T., Hebling, J., 2010, Human Pulp Responses to in Office Tooth Bleaching, *Oral Surg. Oral Med. Oral Pathol. Oral Radiol. Endod.*, 109:e59-e64.

- Couve, E., Osorio, R. dan O. Schmachtenberg, 2013, The Amazing Odontoblast: Activity, Autophagy, and Aging, *J Dent Res.*, 92:9.
- Davari, A.R., Ataei E., Assarzadeh, H., 2013, Dentin Hypersensitivity: Etiology, Diagnosis, and Treatment; A Literature Review, *J. Dent. Shiraz Univ. Med. Sci.* 14(3):136-45.
- Dias Ribeiro, AP. dan Sacono, NT., 2009, Cytotoxic effect of a 35% hydrogen peroxide bleaching gel on odontoblast-like MDPC-23 cells, *Pathol Oral Radiol Endod*, 108:458-464.
- Divyapriya, G.K., Puja, C.Y., Veeresh, D.J., 2016, Casein Phosphopeptide-Amorphous Calcium Phosphate in Dentistry: An update, *Int. J. Oral Health Sci.*, 6:18-25.
- Farges, J-C., et. al., 2009, Odontoblasts in the Dental Pulp Immune Response, *Journal Of Experimental Zoology (Mol Dev Evol)*, 312B:425–436.
- Farooq, I., Mocheet, I.A., Imran, Z., Farooq, U., 2014, A review of novel dental caries preventive material: Caseinphosphopeptide–amorphous calcium phosphate (CPP–ACP) complex, *King Saud University Journal of Dental Science*, 4:47-51.
- Freire, A., et al., 2009, Reaction kinetics of sodium ascorbate and dental bleaching gel, *Journal of Dentistry Elsevier*, 37:932-936.
- Fujita, S., Hideshima, K., dan Ikeda, T., 2006, Nestin expression in odontoblasts and odontogenic ectomesenchymal tissue of odontogenic tumours, *J Clin Pathol*, 59:240–245.
- Goldberg, M., dan Smith, A.J., , 2004, Cells And Extracellular Matrices Of Dentin And Pulp: A Biological Basis For Repair And Tissue Engineering, *Crit Rev Oral Biol Med*, 15(1):13-27
- Handajani, J., Haniastuti, T., Ohshima, H. dan Etsuro H., 2010, Survival of Root Canal Pulp Tissue after Pulpitis, *Journal of LSTR Therapy (International WEB version)*, 9:1-6.
- Haniastuti, T., 2008, Potential role of odontoblast in the innate immune response of the dental pulp, *Dent.J.*, 41(3):142-46.
- Hoyosa, Akihiro dan Nakamura Hiroaki, 2015, Ability of stem and progenitor cells in the dental pulp to form hard tissue, *Elsevier, Japanese Dental Science Review*, 75-83.

- Jayarajan, J., Janardhanam, P., Jayakumar, P., Deepika, 2011, Efficacy of CPP-ACP and CPP-ACFP on Enamel Remineralization-An in Vitro Study Using Scanning Electron Microscope and Diagnodont, *Indian Journal of Dental Research*, 22(1):77-82.
- Kapadia, Y., dan Jain, V., 2018, Tooth Staining: A Review of Etiology and Treatment Modalities, *Acta Scientific Dental Sciences*, 2 (6) : 67-70.
- Klaric, E., Marcius, M., Ristic, M., Sever, I., Prskalo, K., Tarle, Z., 2013, Surface Changes of Enamel and Dentin After Two Different Bleaching Procedures, *Acta. Clin. Croat.*, 52:419-28.
- Kristanti, Y., Asmara, W., Sunarintyas, S., dan Juni H., 2014, Efektivitas *Desensitizing Agent* dengan dan tanpa Fluor pada Metode *in Office Bleaching* terhadap Kandungan Mineral Gigi (Kajian *In Vitro*), *Maj Ked Gi.*, 21(2): 136 – 140.
- Lee, D.H., Lim, B.S., dan Yang, H.C., 2006, Effects of hydrogen peroxide (H₂O₂) on alkaline phosphatase activity and matrix mineralization of odontoblast and osteoblast cell lines, *Cell Biology and Toxicology*, 22: 39–46.
- Lima, A. F., Marques, M. R., Soares, D. G., Hebling, J., Marchi, G. M., Costa, C. A. S., 2016, Antioxidant Therapy Enhances Pulpal Healing in Bleached Teeth, *Restor Dent Endodo*, 41(1): 44-54.
- Llena, C., Leyda, A.M., Forner, L., 2015, CPP-ACP and CPP-ACFP Versus Fluoride Varnish in Remineralisation of Early Caries Lesions. A Prospective Study, *European Journal of Paediatric Dentistry*, 16(3): 181-6.
- Llena, C., Martínez-Galdón, Oreto, Forner, L., Gimeno-Mallench, Rodríguez-Lozano, LJ., dan Juan G., 2018, Hydrogen Peroxide Diffusion through Enamel and Dentin, *Materials*, 11 : 1694.
- Lu, Y., Liu, T., Li, H. dan G. Pi, 2008, Histological evaluation of direct pulp capping with a self-etching adhesive and calcium hydroxide on human pulp tissue. *International Endodontic Journal*, 41:643–650.
- Maghaireh, GA., Alzraikat., dan A. Guidoum, 2014, Assessment of the Effect of Casein Phosphopeptide–amorphous Calcium Phosphate on Postoperative Sensitivity Associated With In-office Vital Tooth Whitening, *Operative Dentistry*, 39-3 : 239-247.
- Malgahaes, *et.al.*, 2016, Inflammatory response of human dental pulp to at-home and in-office tooth bleaching, *J Appl Oral Sci.*, 24 (5) : 509-17.

- Martens, W., Wolfs, E., Struys, T., C., Politis, A., Bronckaers, I., Lambrichts, 2012, Expression Pattern of Basal Markers in Human Dental Pulp Stem Cells and Tissue, *Cells Tissues Organs*, 196 : 490–500.
- Mulyawati, E., 2016, Pengaruh bahan desensitasi pasca *bleaching* ekstrakoronal terhadap kekuatan geser pelekatan restorasi resin komposit, *Maj Ked Gi Ind.* April 2016; 2(1): 35 – 39
- Nakatomi, M., Quispe-Salcedo, Sakaguchi, M., Ida-Yonemochi, H., Okano, H., dan Hayato, O., *Nestin* expression is differently regulated between odontoblasts and the subodontoblastic layer in mice, Springer, *Histochemistry and Cell Biology*.
- Perchyonok, V.T. dan Grobler S.R., 2015, Tooth Bleaching: Mechanism, Biological Aspect and Antioxidants, *Int. J. Dent. Oral Health*: 1(3).
- Pinto, S.C.S., Silveira, C.M.M., Pochapski, M.T., Pilatti, G.L., Santos, F.A., 2012, Effect of Desensitizing Toothpastes on Dentin, *Braz. Oral Res.*, 26(5): 410-7.
- Po, I, H, dan Wilson, N., 2014, Effect of Different Desensitizing Agent on Bleaching Treatments, *European Journal of General Dentistry*, 37: 949-54.
- Prathap, S., Rajesh, H., Vinitha, AB, dan Anupama, SR., 2013, Extrinsic stains and management: A new insight, *Acad. Indus. Res.*, 1(8).
- Puspita, S., Utoro, T., dan Tetiana H., 2016, Nestin expressions of exposed pulp after direct pulp capping by calcium hydroxide and platelet rich plasma, *Eur J Dent.*, 10 : 341-4.
- Puspita, S., Utoro Totok dan Tetiana H., 2019, Nestin expressions of exposed pulp after direct pulp capping by calcium hydroxide and platelet rich plasma, *European Journal of Dentistry*, 10 : 3.
- Quispe-Salcedo, A., Ida-Yonemochi, H., Nakatomi, M., dan Hayato, O., Expression patterns of nestin dan dentin sialoprotein during dentinogenesis in mice, *Biomedical Research*, 33 (2) : 119-132.
- Rahardjo, A.V., 2016, Pengaruh Sodium Askorbat 10% dan 25% Terhadap Sel Radang Akut Pada Pulpa Gigi Pasca Bleaching Ekstrakoronal dengan Hidrogen Peroksida 40%, *Tesis*, Program pendidikan Dokter Gigi Spesialis Fakultas Kedokteran Gigi Universitas Gadjah Mada Yogyakarta, h. 16,41.

- Rebecca, 2017, Pengaruh Pembilasan Sodium Askorbat 10% Dan 25% Terhadap Sel Odontoblas Pulpa Gigi Pasca Bleaching Ekstrakoronal Dengan Hidrogen Peroksida 40% (Kajian In Vivo Terhadap Respon Inflamasi Kronis Pada Tikus Wistar), *Thesis*.
- Reis, A., Dalanhol, A.P., Cunha, T.S., Kossatz, S., Loguercio, A.D., 2011, Assessment of Tooth Sensitivity Using a Desensitizer Before Light-Activated Bleaching, *Operative Dentistry*, 36-1, 12-17.
- Singh, R.D., Ram, S.M., Shetty, O., Chand, P., Yadav, R., 2010, Efficacy of Casein Phosphopeptide-Amorphous Calcium Phosphate to Prevent Stain Absorption on Freshly Bleached Enamel: An *in vitro* study, *J. Conserv. Dent.*, 13:76-9.
- Singh, M., Mahajan, P., Monga, P., Mahajan, S., Singla, D., Kaur, N., 2017, Comparative evaluation of Effectiveness of Sodium Fluoride and Casein Phosphopeptide-Amorphous Calcium Phosphate (CPP-ACP) in Treating Postoperative Sensitivity Associated with In Office Vital Tooth Bleaching: A Clinical Study, *Endodontology*, 29:26-34.
- Smith, AJ., Cassidy, N., Helen, P., Cayherine, BK, Jean, V., dan Hervelesot, 1995, Reactionary dentinogenesis, *Int. J. Dev. Biol.*, 39; 273-280
- Sulieman M, Addy M, Rees JS., 2005, Surface and intra-pulpal temperature rises during tooth bleaching: an *in vitro* study, *Br Dent J*, 199:37-40.
- Tang, B., dan Millar, BJ., 2010, Effect of chewing gum on tooth sensitivity following whitening, *British Dental Journal*, 208 : 12.
- Tay, LY., Kose, C., loguercio, AD., and Reis, A., 2009, Assessing the effect of a desensitizing agent used before in-office tooth bleaching. *JADA*, 140 (10) : 1245-1251.
- Thapa, A., Pai, V., Thomas, M. S., 2013, Evaluation and Comparison of Bond Strength to 10% Carbamide Peroxide Bleached Enamel Following The Application of 10% and 25% Sodium Ascorbate and Alpha-Tocopherol Solutions : an *In Vitro* Study, *Journal of Conservative Dentistry*, 16(2):111-5.
- Tredwin, C. J., Naik, S., Lewis, N. J., dan C. Scully, CBE, 2006, Hydrogen peroxide tooth-whitening (bleaching) products: Review of adverse effects and safety issues, *British Dental Journal*, 200 : 7.
- Vanichvatana, S. dan Auychai, P., 2013, Efficacy of two calcium phosphate pastes on the remineralization of artificial caries: a randomized controlled double-blind *in situ* study, *International Journal of Oral Science*, 5 : 224–228.

Vasconcelos, A.A.M., Cunha, A.G.G., Borges, B.C.D., Vitoriano, J.O., Junior, C.A., Machado, C.T., Santos, A.J.S., 2012, Enamel Properties After Tooth Bleaching with Hydrogen/Carbamide Peroxides in Association with a CPP-ACP Paste, *Acta Odontol. Scand.*, 70(4): 337-43.

Walsh, L.J., Wang, W.S., Cakar, A., Devani, C., Tran, K.K., Hall, A., 2006, Effect of CPP-ACP Versus Potassium Nitrate on Cervical Dentinal Hypersensitivity, *J. Dent. Res.*, 85 (spec Iss A): Abstract 947.

Yumoto, H., Hirao, K., Yuku H., Hitomi K., Daisuke, T., Tadashi N., Takashi M., 2018, The roles of odontoblasts in dental pulp innate immunity, *Japanese Dental Science Review*, 54 : 105—117