



DAFTAR PUSTAKA

- Alfarez, F.A., dan Yalkowsky, S.H., 2000, Relationship Between Polysorbate 80 Solubilization Descriptors and Octanol-Water Partition Coefficients of Drugs, *International Journal of Pharmaceutics*, 200 (2000): 217–222.
- Alqahtani, M.Q., 2014, Review Article: Tooth-Bleaching Procedures And Their Controversial Effects: A Literature Review, *The Saudi Dental Journal*, 26 : 33-46.
- Anggriawan, Wahyu dan Kurniawan, F., 2015, Fabrikasi Alat Ukur Sudut Kontak Dual Channel untuk Mengetahui Sifat Polaritas Suatu Bahan, *Jurnal Sains Dan Seni ITS*, 4(1): 2337-3520.
- Anusavice, 2013, *Phillip's Sistence of Dental Materials 12th ed.* St. Louis, Saunders.
- Briso, A.L.F., Toseto, R.M., Rahal, V., Santos, P.H., dan Ambrosano, G.M.B., 2012, Effect of Sodium Ascorbate on Tag Formation in Bleached Enamel. *J Adhes Dent*, 14(1): 19-23.
- Briso, A.L.F., Rahal, V., Sundfeld, R.H., Dantos, P.H., dan Alexandre, R.S., 2014, Effect of Sodium Ascorbate on Dentin Bonding After Two Bleaching Techniques, *Operative Dentistry*, 39(2): 195-203.
- Camps, J., de Fraceschi, H., Idir, F., Roland, C., dan About, I., 2007, Time- course Diffusion of Hydrogen Peroxide Trough Human Dentin: Clinical Significance for Young Tooth Internal Bleaching, *J. Endod.*, 33(4): 455-59
- Coppla, F-M., Freire, A., Bittencourt, B., Vega, A.A., Banitez, V.E.B., Calixto, A.L., dan Loguercio, A.D., 2019, Influence Of Simplified, Higher-Concentrated Sodium Ascorbate Application Protocols On Bond Strength Of Bleached Enamel, *J Clin Exp Dent*, 11(1):e21-6.
- Dabas, D., Patil, AC., dan Uppin, VM., 2011, Evaluation Of The Effect Of Concentration And Duration Of Application Of Sodium Ascorbate Hydrogel On The Bond Strength Of Composite Resin To Bleached Enamel, *Journal of Conservative Dentistry*, 14(4): 356-360.
- Dahl, J.E. dan Pallesen, U., 2003, Tooth Bleaching: A Critical Review of The Biological Aspect, *Crit. Rev. Oral Biol Med.*, 14(4): 292-304.
- Darze, F.M., dkk., 2015, Effect of 10% Sodium Bicarbonate on Bond Strength of Enamel and Dentin After Bleaching with 38% Hydrogen Peroxide, *Rev Odontol UNESP* 44(5):257-261.
- Ebnnesajjad, Sina, 2014, *Surface Treatment of Materials for Adhesive Bonding, Second Edition*, William Andrew, Elsevier, Oxford.
- European Food Safety Authority, 2015, Scientific Opinion on the re-evaluation of ascorbic acid (E 300), sodium ascorbate (E 301) and calcium ascorbate (E 302) as food additives, *EFSA Journal*, 13(5): 1-124.



El Mourad, A.M., 2018, Assessment of Bonding Effectiveness of Adhesive Materials to Tooth Structure using Bond Strength Test Methods: A Review of Literature. *The Open Dentistry Journal*, (12):664-678

Faqiha, F.A., 2021, Pengaruh Frekuensi Aplikasi dan Penambahan Surfaktan 0,4% dalam Sodium Askorbat 35% terhadap Kekuatan Tarik Pelekatan Resin Komposit Pasca Bleaching Intrakoronal dengan Hidrogen Peroksida 35% (Tesis), *Program Pendidikan Dokter Gigi Spesialis*, Yogyakarta.

Fraunhofer, J. Anthony. 2012. Adhesion and Cohesion. *International Journal of Dentistry*. 2012(3): 1-8.

Freire, A., Durski, M.T., Ingberman, M., Nakao, L.S., Souza, E.M., Vieira, S., 2011, Assessing The Use of 35 Percent Sodium Ascorbate For Removal of Residual Hydrogen Peroxide After In-Office Tooth Bleaching, *JADA*, 147(7): 836-841.

Freire, A., Souza, E.M., Caldas, D.B.M., Rosa, E.A.R., Bordin, C.F.W., Carvalho, R.M., dan Vieira, S., 2009, Reaction Kinetics Of Sodium Ascorbate And Dental Bleaching Gel, *J Dent*, 37(12): 932 -6.

Furi, T.A., dan Coniwanti, P., 2012. Pengaruh Perbedaan Ukuran Partikel dari Ampas Tebu dan Konsentrasi Natrium Bisulfit (NaHSO₃) pada Proses Pembuatan Surfaktan. *Jurnal Teknik Kimia*, 4(18): 49-58.

Garcia, E.J. dkk., 2012, Antioxidant Activity by DPPH Assay of Potential Solutions to be Applied on Bleached Teeth, *Braz Dent J*, (2012), 23(1): 22-27

Garg, N. dan Garg, A., 2013, *Textbook of Operative Dentistry 3rd Edition*, Jaypee Brothers, New Delhi.

Han, Y., Mo, S., Jiang, L., dan Zhu Y., 2014, Effects Of Antioxidants On The Microleakage Of Composite Resin Restorations After External Tooth Bleaching, *Eur J Dent*, 8(2): 147-153.

Hargreaves, K., Berman, L.H., Rotstein, I., 2016, *Cohen's Pathways of The Pulp, Eleventh Edition*, Elsevier: California, Hal: 1008-1021.

Ismail, E.H., Kilinc, E., Hardigan, P.C., Rothrock, J.K., Thompson, J.Y., Godoy, C.G., 2017, Effect of Two-minute Application of 35% Sodium Ascorbate on Composite Bond Strength following Bleaching. *The Journal of Contemporary Dental Practice*, 18(10), 874-880.

Kimberlin, L. dan Brown, P., 2011, Comparison of Shear Bonding Strength for Two Different Etching Systems in Canine and Human Dentin, *J Vet Dent* 28 (4); 236-241.

Kimyai, S., Oskoo, S., Rafighi, A., Valizadeh, H., Ajami, A., Helali, Z., 2010, Comparison of the effect of hydrogel and solution forms of sodium ascorbate on orthodontic bracket-enamel shear bond strength immediately after bleaching: An in vitro study, *Indian Journal of Dental Research*, 21(1): 54-58.



Kowalczyk D., Kazimierczak, W., Zieba, E., Mezynska, M., Cembala, M.B., Lisiecki, S., Karas, M., dan Baraniak, B., 2018, Ascorbic Acid- And Sodium Ascorbate-Loaded Oxidized Potato Starch Films: Comparative Evaluation Of Physicochemical And Antioxidant Properties, Carbohydrate Polymers, 181 : 317-326.

Kumar, D., Singh, A., dan Mishra, D.K., 2015, Role of Surfactant Head Group and Chain Length in Aqueous Lubrication: Steel-steel contact, *Proc ImechE Part J: J Engineering Tribology* 0(0) 1-6.

Kwon, S.R., dan Wertz, P.W., 2015, Review of the Mechanism of Tooth Whitening, *Journal of Esthetic and Restorative Dentistry*, 27(5) : 240 – 257.

Lai, S.C.N., Mak, Y .F., Cheung, G.S.P ., Osorio, R., Toledano, M., Carvalho, R.M., Tay, F.R., dan Pashley, D.H., 2001, Reversal of Compromise Bonding to Oxidized Etched Dentin, *J. Dent.Res*, 80(10): 1919-24.

Lima, A.F., Lessa, F.C.R., Hebling, J., Costa, C.A.D., dan Marchi, G.M., 2010, Protective Effect of Sodium Ascorbate on MDPC-23 Odontoblast Like Cell Exposed to Bleaching Agent, *European Journal of Dentistry*, 4(3): 238-44.

Maleknejad, F., Ameri, H., dan Kianfar, I., 2012, Effect of Intracoronal Bleaching Agents on Ultrastructure and Mineral Content of Dentin, *Journal Conservative Dentistry*, 15(2): 174-177.

McCabe, J.F., dan Walls, A.W.G., 2008, *Applied Dental Materials, 9th Edition*, Blackwell Munksgard, Oxford, hal.196-203.

Moosavi, H., Moghaddas, M.J., Ghoddusi, J., Rajabi, O., 2010, Effects of Two Antioxidants on the Microleakage of Resin-Based Composite Restorations After Nonvital Bleaching, *J Contemp Dent Pract*, 11(6): 1-8.

Mortazavi, V., Fathi, M., Ataei, E., Khodaeian N., Askari, N., 2012, Research Article: Shear Bond Strengths and Morphological Evaluation of Filled and Unfilled Adhesive Interfaces to Enamel and Dentine, *International Journal of Dentistry*, 1-9.

Nugraheni, T., Nuryono, N., Sunarintyas, S., Mulyawati, E., 2017, Composite Resin Shear Bond Strength on Bleached Dentin Increased by 35% Sodium Ascorbate Application, *Dental Journal (Majalah Kedokteran Gigi)*, 50(4): 178-182.

Park, J.Y., Kwon, T.Y., dan Kim, Y.K., 2013, Effective Application Duration Of Sodium Ascorbate Antioxidant In Reducing Microleakage Of Bonded Composite Restoration In Intracoronally-Bleached Teeth, *Restorative Dentistry & Endodontics*, ;38(1):43-47.

Pavlenko, V ., Ronsenqvist, L., Kochukhov, O., 2015, *Fluid Mechanics*, Department of Physics and Astronomy Uppsala University.

Perchyonok, V.T., Grobler, S.R., 2015, Tooth-Bleaching: Mechanism, Biological Aspects, and Antioxidants, *Int Journal of Dentistry and Oral Health*, 1 (3): hal. 1-8.



- Perdigão, J., Swift, E.J., dan Walter, R., 2011, Fundamental Concepts of Enamel and Dentin. In Heymann, H.O., Swift, E.J. dan Ritter, A.V., *Studerdevant's Art and Science of Operative Dentistry*. Chapel Hill, North Carolina, USA.
- Perdigão, J. 2016. *Tooth Whitening An Evidence-Based Perspective*, Springer, USA.
- Plotino, G., Buono, L., Grande, N.M., Pameijer, C.H., Somma, F., 2008, Nonvital Tooth Bleaching: A Review of The Literature and Clinical Procedure, *JOE*, 34, (4), h. 394-407.
- Reningtyas, R., dan Mahreni, 2015, Biosurfaktan, *Eksensi*, 12(2): 12-22.
- Restolho, J., Mata, JL., Saramago, B., 2009, On the Interfacial Behavior of Ionic Liquids: Surface tensions and Contact Angles, *Journal of Colloid and Interface Science*, 340 (2009): 82–86.
- Sakaguchi, R., Ferrance, J, dan Powers, J., 2019, *Craig's Restorative Dental Materials*, 14th Ed, Elsevier.
- Schwartzberg. LS., dan Navari, RM., 2018, Safety of Polysorbate 80 in the Oncology Setting, *Adv Ther*, 35:754–767
- Sheraz, M.A., Khan, M.F., Ahmed, S., Kazi, S.H., dan Ahmad, I., 2015, Stability and Stabilization of Ascorbic Acid A Review, *Household and Personal Care Today*, 10(3): 22-25.
- Souza-Gabriel dkk., 2011, Effect of Bleaching Protocols with 38% Hydrogen Peroxide and Post-Bleaching Times on Dentin Bond Strength, *Braz Dent J*, 22(4): 317-321.
- Szymczyk, K., Zdziennicka, A., dan Janczuk, B., 2018, Adsorption And Aggregation Properties Of Some Polysorbates At Diferent Temperatures, *Journal of Solution Chemistry*.
- Tadros, Tharwat. 2013. *Springer Encyclopedia of Colloid and Interface Science*. Springer Reference, Wokingham, Berkshire, UK.
- Titley, K.C., dkk., 1993. Adhesion of a Resin Composite to Bleached and Unbleached Human Enamel, *JOE* (19)3:112-115.
- Torabinejad, Mahmoud dkk. 2021. *Endodontics: Principles and Practice*, Sixth Edition. Elsevier, St. Louis.
- Wahyuni, R., Halim, A., dan Trifarmila, R., 2014, Uji Pengaruh Surfaktan Tween 80 dan Span 90 Terhadap Solubilisasi Dekstrometorfan Hidrobromida, *Jurnal Farmasi Higea*, 6(1) : 1-10.
- Widowati, K.D., Kristanti, Y., dan Nugraheni, T., 2015, Pengaruh Konsentrasi dan Lama Waktu Aplikasi Sodium Askorbat Terhadap Kebocoran Mikro Tumpatan Resin Komposit kavitas Kelas I Pasca Bleaching Intrakoronal dengan Hidrogen Peroksida, *I Ked Gi*, 6(2) : 185 – 191.



Yu, H., Zhang, C.Y., Cheng, S.L., dan Cheng, H., 2015, Effects of Bleaching Agents on Dental Restorative Materials: A Review of The Literature and Recommendation to Dental Practitioners and Researchers, *Journal of Dental Sciences*, 10 : 345 – 351.

Yulianasari, 2020, Pengaruh Konsentrasi Surfaktan Dalam Sodium Askorbat 35% Terhadap Sudut Kontak dan kekuatan Tarik Pelekatan Resin Komposit pada Gigi Pasca Bleaching Intrakoronal dengan Hidrogen Peroksida 35%, (Tesis), *Program Pendidikan Dokter Gigi Spesialis*, Yogyakarta.

Yulianto, H.D.K., dan Morita, A., 2014 , Potensi Herbal Buah Mahkota Dewa (*Phaleria Macrocarpa* (Scheff.) Boerl) yang Dimanfaatkan sebagai Modifikator Permukaan dan Anti-Adhesi Bakteri S.Mutans pada Permukaan Material Restorasi Resin Komposit, *Dentika Dental Journal*, 18(2): 158-164.

Yulianto, H.D.K., dan Rinastiti, M., 2014, Contact Angle Measurement of Dental Restorative Materials by Drop Profile Image Analysis, *Jurnal of Teknosains*, 3(2): 112-119.