DAFTAR PUSTAKA

Aghanashini, S., Puvvalla, B., Nadiger, S., Mundinamanae, D., Bhat, D., Andavarapu, S. (2018). Comparative evaluation of diode laser and fluoride varnish for treatment of dentin hypersensitivity: A clinical study. *Journal of Interdisciplinary Dentistry, 8*(3), 110. https://doi.org/10.4103/jid.jid_3_18

Agnihotri Y, Pragada NP, Patri G, Thajuraj PK (2012) The effect of CPP-ACP on remineralization of artifi cial caries like lesions: an in vitro study. *Indian J Multidiscip Dent,* 2(1), 366

Ahamed, A. S., Meyyappan, R., Charan, G., dan Kulandaivel, A. (2012). *Lasers In The Management Of Dentinal Hypersensitivity*. *2*(4). As, G. Van. (2010). Laser dentistry. *Dentistry Today*, *29*(9), 144. https://doi.org/10.1201/9781351069816-16

Alexander DC, dkk., 2010, Medical Emergencies In The Dental Office. http://www.insidedentalassisting.com

Al-Harthy M, Ohrbach R, Michelotti A, List T. The effect of culture on pain sensitivity.*J Oral Rehabil*. 2016;43(2):81-8. http://dx.doi.org/10.1111/joor 12346. PMid:26371794

Al-Saud LMS, Al-Nahedh HNA. Occluding effect of Nd:YAG laser and different dentin desensitizing agents on human dentinal tubules in vitro: a scanning electron microscopy investigation. *Oper Dent*. 2012;37:340-55

Amarasena N, Spencer J, Ou Y, Brennan D (2011) Dentine hypersensitivity in a private practice patient population in Australia. *J Oral Rehabil* 38(1), 52–60. doi: 10.1111/ j.1365-2842.2010 02132.x,JOR2132

A.P. Barlow, J. He, C. Tian, dkk. A comparative evaluation of the efficacy of two novel desensitizing dentifrices.*Int J Dent*, 2012 (2012), p. 896143

Aranha A, Eduardo C. Effects of Er:YAG and Er,Cr:YSGG lasers on dentine hypersensitivity. Short-term clinicalevaluation. *Lasers Med Sci* 2012; 27:813–81

Asian, J., Quenta, E., & Castillo, J. (2021). Do viscosity and wettability of fluoride varnishes affect their fluoride release? *Journal of Clinical and Experimental Dentistry*, *13*(2), e221–e226. https://doi.org/10.4317/jced.56985

Asnaashari, M., Moeini, M. (2013). Effectiveness of lasers in the treatment of dentin hypersensitivity. *Journal of Lasers in Medical Sciences, 4*(1), 1–7. https://doi.org/10.22037/2010.v4i1.3868

Bader J, Balevi B, Farsai P, Flores-Mir C, Gunsolley J, Matthews D, Vig K, Zahrowski J (2014) Lasers may reduce pain arising from dentin hypersensitivity. *J Am Dent Assoc* 145(4):e1–e2

Barcellos, D. C., Borges, A. B., Torres, C. R. G., Borges, A. L. S., Marsilio, A. L., Carvalho, C. A. T. (2012). Dentin Hypersensitivity—Etiology, Treatment Possibilities and Other Related Factors: A Literature Review. *World Journal of Dentistry*, *3*(1), 60–67. https://doi.org/10.5005/jp-journals-10015-1129

Biagi, R. (2015). Laser-assisted treatment of dentinal hypersensitivity: a literature review. *Annali Di Stomatologia*, 75–80. https://doi.org/10.11138/ads/2015.6.3.075

Birang R, Yaghini J, Fakhari E, Hasheminia SM, Mousavi M, Farhadzadeh M dkk. Graphite application and different powers of Nd:YAG laser on dentin surface changes: a scanning electron microscopy study. *J Lasers Med Sci*. 2012;3(4):153-59

Bramantoro, T., Rachmadani, A., K, N. N. A., dan Devina, D. (2020). *Anak Kuat Berawal dari Gigi sehat*. Airlangga University Press. hal.23

Calabria MP, Dantas LM, Wang L, Magalhães AC, Lauris JRP, Graeff M, Pereira JC (2012) Effect of different desensitizing agents on dentin hydraulic conductance. *J Dent Res* 91:393, Sp. Issue B, abstr

Camilotti, V., Zilly, J., do Monte Ribeiro Busato, P., Nassar, C. A., Nassar, P. O. (2012). Desensitizing treatments for dentin hypersensitivity: A randomized, split-mouth clinical trial. *Brazilian Oral Research*, *26*(3), 263–268. https://doi.org/10.1590/S1806-83242012000300013

Cartwright, R. . (2014). Dentinal hypersensitivity: a narrative review. *Community Dental Health*. 1-6. https://doi.org/10.1922/CHD_3287Cartwright

Chambrone L, Pannuti CM, Tu YK, Chambrone LA (2012) Evidence-based periodontal plastic surgery. II. An individual data meta-analysis for evaluating factors in achieving complete root coverage. *J Periodontol* 83(4):477–490

Chebel, F. B., Zogheib, C. M., Baba, N. Z., dan Corbani, K. A. (2018). Clinical comparative evaluation of Nd:YAG laser and a new varnish containing casein phosphopeptides-amorphous calcium phosphate for the treatment of dentin hypersensitivity: A prospective study. *Journal of Prosthodontics-Implant Esthetic and Reconstructive Dentistry*, 27(9), 860–867. https://doi.org/10.1111/jopr.12984

Chrysanthakopoulos NA. Aetiology and severity of gingival recession in an adult population sample in Greece. *Dent Res J (Isfahan)* 2011 8: 64–70

Chrysanthakopoulos, N. A. (2011). Prevalence of dentine hypersensitivity in a general dental practice in Greece. *Journal of Clinical and Experimental Dentistry*, *3*(5). https://doi.org/10.4317/jced.3.e445-e451

Clark, D., dan Levin, L. (2016). Non-surgical management of tooth hypersensitivity. *International Dental Journal*, *66*(5), 249–256. https://doi.org/10.1111/idj.12247

Cummins D (2010) Recent advances in dentin hypersensitivity: clinically proven treatments for instant and lasting sensitivity relief. *Am J Dent* 23(Spec No A):3A–13A

Cunha-Cruz J, Wataha JC, Zhou L, Manning W, Trantow M, Bettendorf MM, Heaton LJ, Berg J (2010) Treating dentin hypersensitivity: therapeutic choices made by dentists of the northwest PRECEDENT network. *J Am Dent Assoc* 141(9):1097–1105

Dantas, E. M., Kyarelly, F., Amorim, D. O., dan José, F. (2016). *Clinical Efficacy of Fluoride Varnish and Low-Level Laser Radiation in Treating Dentin Hypersensitivity*. *27*, 79–82

Davari AR, Ataei E, Assarzadeh H. Dentin hypersensitivity: etiology, diagnosis and treatment; a literature review. *J Dent (Shiraz)* 2013; 14(3): 136–4

David, C. M., dan Gupta, P. (2015). Lasers in Dentistry : A Review. December, *International Journal of Advanced Health Sciences*, 2(8). 7-13

Delaney CG, Sanchez DA,Dominguez JA,Castellon EV,Escoda CG. Evaluation of the effectiveness of the photobiomodulationin the treatment of dentin hypersensitivity after basic therapy. A randomized clinical trial.*J Clin Exp Dent*. 2017;9:e694-702

Dental, H. (2018). *Our high tech devices Dental devices at the highest stage*. Hd-Dental.Net. https://hd-dental.net/en/high-tech-devices/he-ne-laser/

Dentin, H., Etiologi, T., Pencegahan, S., Terbaru, K., Ali, S., Farooq, I. (2013). *Hipersensitivitas Dentin : Tinjauan Etiologi , Mekanisme , Strategi Pencegahan , dan Kemajuan Terbaru dalam Manajemennya.*188-192

Farmakis ETR, Kozyrakis K, Khabbaz MG, Schoop U, Beer F, Moritz A. In vitro evaluation of dentin tubule occlusion by denshield and neodymium-doped yttrium-aluminum-garnet laser irradiation. *J Endod*. 2012;38:662-66

Fouad AF, Levin L. *Pulpal reaction to caries and dental procedures. In: Hargreaves KM, Cohen S. Cohen's pathways of the pulp*. 10th Ed. Missouri: Mosby Elsevier; 2011. p. 510

Freitas, B. L. S., Pinto, M. de S., Oliveira, E. S. de, Douglas-de-Oliveira, D. W., Galvão, E. L., Gonçalves, P. F., Flecha, O. D., Oliveira Filho, P. M. de. (2020). Scales for pain assessment in cervical dentin hypersensitivity: a comparative study. *Cadernos Saúde Coletiva*, *28*(2), 271–277. https://doi.org/10.1590/1414-462x202000020372

Frentzen, P. M. (2012). *Laser treatment of dentine hypersensitivity*. 20–25

García-Delaney, C., Abad-Sánchez, D., Arnabat-Domínguez, J., Valmaseda-Castellón, E., dan Gay-Escoda, C. (2017). Evaluation of the effectiveness of the photobiomodulation in the treatment of dentin hypersensitivity after basic therapy. A randomized clinical trial. *Journal of Clinical and Experimental Dentistry*, *9*(5), e694–e702. https://doi.org/10.4317/jced.53635

Gendreau L, Barlow AP, Mason SC (2011) Overview of the clinical evidence for the use of NovaMin in providing relief from the pain of dentin hypersensitivity. *J Clin Dent* 22(3):90–95

Gholami GA, Fekrazad R, Esmaiel-Nejad A, Kalhori KA (2011) An evaluation of the occluding effects of Er;Cr:YSGG, Nd:YAG, CO 2 and diode lasers on dentinal tubules: a scanning electron micros cope in vitro study. *Photomed Laser Surg* 29(2):115–121

Gillam, D. G. (2015). Dentine hypersensitivity: Advances in diagnosis, management, and treatment. In *Dentine Hypersensitivity: Advances in Diagnosis, Management, and Treatment*. https://doi.org/10.1007/978-3-319-14577-8: p11-132

Glockner K (2013) What are the unmet needs in the dental offi ce/at home to treat dentin hypersensitivity? *Clin Oral Investig* 17(1):S61–S62

Gojkov-Vukelic, M., Hadzic, S., Zukanovic, A., Pasic, E., Pavlic, V. (2016). Application of Diode Laser in the Treatment of Dentine Hypersensitivity. *Medical Archives (Sarajevo, Bosnia and Herzegovina)*, *70*(6), 466–469. https://doi.org/10.5455/medarh.2016.70.466-469

Gupta, J., Kumar, K., Ismail, P. M. S., Kumar, S., Hegde, S. S., dan KN, J. (2020). A comparative study of diode laser and fluoride varnish in dentin hypersensitivity cases- A clinical study. *Advanced Medical and Dental Sciences Research*, 8(2):176-179. https://doi.org/10.21276/jamdsr

Gupta S, Sawhney A, Jain G, Dhar S, Gupta B, Singh R dkk. An evaluation of diode laser as an adjunct to scaling and root planning in the nonsurgical treatment of chronic periodontitis: A clinico-microbiological study. *Dent Med Res*. 2016;4:44-9. DOI: 10.4103/2348-1471.184733

Hamlin, D., Mateo, L. R., Dibart, S., Delgado, E., Zhang, Y. P., Devizio, W. (2012). Comparative efficacy of two treatment regimens combining in-office

and at-home programs for dentin hypersensitivity relief: A 24-week clinical study. *American Journal of Dentistry*, *25*(3), 147

Haneet, R. K., Vandana, L. K. (2016). Prevalence of dentinal hypersensitivity and study of associated factors: A cross-sectional study based on the general dental population of Davangere, Karnataka, India. *International Dental Journal*, *66*(1), 49–57. https://doi.org/10.1111/idj.12206

Hashim, N. T., Gasmalla, B. G., Sabahelkheir, A. H., Awooda, A. M. (2014). Effect of the clinical application of the diode laser (810 nm) in the treatment of dentine hypersensitivity. *BMC Research Notes*, *7*(1), 7–10. https://doi.org/10.1186/1756-0500-7-31

Hughes N, Mason S, Jeffery P, Welton H, Tobin M, O'Shea C, Browne M (2010) A comparative clinical study investigating the efficacy of a test dentifrice containing 8% strontium acetate and 1,040 ppm sodium fluoride versus a marketed control dentifrice containing 8% arginine, calcium carbonate, and 1450 ppm sodium monofluorophosphate in reducing dentinal hypersensitivity. *clinical Dental*, 21(2):49-55

J, D. (2014). *Essentials of Oral Histology and Embryology a clinical approach* (Fourth). Elsevier Inc:101-112

Jain, A., Rao, J., Pal, N., Singh, A. (2020). Effectiveness of fluoride varnish, diode laser, and their combination in treatment of dentin hypersensitivity: A randomized split-mouth clinical trial. *Indian Society of Periodontology*, 24(4):369-374 https://doi.org/10.4103/jisp.jisp_494_19

Jain, Pr., Naik, Gd., Uppor, Sa., Kamath, D. (2015). Diode laser and fluoride varnish in the management of dentin hypersensitivity. *Journal of Interdisciplinary Dentistry*, *5*(2), 71. https://doi.org/10.4103/2229-5194.173226

Jokstad A. The effectiveness of laser to reduce dentinal hypersensitivity remains unclear. *J Evid Based Dent Pract*. 2011;11:178-179

Karim BF, Gillam DG (2013) The efficacy of strontium and potassium toothpastes in treating dentine hypersensitivity: a systematic review. *Int J Dent* 2013:1-13

Kementerian Kesehatan RI. (2014). Pusat Data dan Informasi Kementerian Kesehatan RI Situasi Kesehatan Gigi dan Mulut. In *Pusat Data dan Informasi Kementrian Kesehatan Republik Indonesia* (pp. 1–6)

Kementrian Kesehatan RI. (2019). Faktor Risiko Kesehatan Gigi dan Mulut. *Pusat Data Dan Informasi Kementerian Kesehatan RI*, 1–10

Kopycka-Kedzierawski DT, Meyerowitz C, Litaker MS, Chonowski S, Heft MW,

Gordon VV, dkk. Management of dentin hypersensitivity by national dental practice-based research network practitioners: results from a questionnaire administered prior to initiation of a clinical study on this topic.*BMC Oral Health*.2017;17:41

Kumar, G. S. (2015). *Orban's Oral Histology and Embryology* (S. N. Bhaskar (ed.); 14th ed.). Elsevier:74-91

Lin PY, Cheng YW, Chu CY, Chien KL, Lin CP, Tu YK (2013) In-offi ce treatment for dentin hypersensitivity: a systematic review and network meta-analysis. *J Clin Periodontol* 40(1):53–64

Lin YH, Gillam DG (2012) The prevalence of root sensitivity following periodontal therapy: a systematic review. *Int J Dent* 2012:1-12. doi: 10.1155/2012/407023, Epub 2012 Oct 31

Liu H, Hu D (2012) Effi cacy of a commercial dentifrice containing 2% strontium chloride and 5% potassium nitrate for dentin hypersensitivity: a 3-day clinical study in adults in China. *Clin Ther* 34(3):614–622

Liu, X., Tenenbaum, H. C., Wilder, R. S., Quock, R., Hewlett, E. R., Ren, Y. (2020). *Patogenesis , diagnosis dan manajemen hipersensitivitas dentin : gambaran umum berbasis bukti untuk praktisi gigi*. 1–10

Liu, Y., Gao, J., Gao, Y., Xu, S., Zhan, X., Wu, B. (2013). In vitro study of dentin hypersensitivity treated by 980-nm diode laser. *Journal of Lasers in Medical Sciences*, *4*(3), 111–119. https://doi.org/10.22037/2010.v4i3.3664

Li, Y., Ikeda, H., and Suda, H. (2013) Determination of the functional space for fluid movement in the rat dentinal tubules using fluorescent microsphere. *Arch Oral Biol* 58: 780–787

Longridge, N. N., Youngson, C. C. (2019). Dental Pain: Dentine Sensitivity, Hypersensitivity and Cracked Tooth Syndrome. *Primary Dental Journal*, *8*(1):44-51

Lopes AO, Aranha AC (2013) Comparative evaluation of the effects of Nd:YAG laser and a desensitizer agent on the treatment of dentin hypersensitivity: a clinical study. *Photomed Laser Surg* 31(3):132–138

Lopes, A. O., de Paula Eduardo, C., Aranha, A. C. C. (2017). Evaluation of different treatment protocols for dentin hypersensitivity: an 18-month randomized clinical trial. *Lasers in Medical Science*, *32*(5), 1023–1030. https://doi.org/10.1007/s10103-017-2203-0

Loveren, C. Van, Schmidlin, P. R., Martens, L. C., Amaechi, B. T. (2015). Dentin Hypersensitivity: Prevalence, Etiology, Pathogenesis, and Management. In B. T. Amaechi (Ed.), *Dental Erosion and Its Clinical Management* (pp. 275–

293). Springer. https://doi.org/10.1007/978-3-319-13993-7

Lucas, P., Constantino, P., Wood, B., Lawn, B. (2008). *Dental enamel as a dietary indicator in mammals*. 374–385. https://doi.org/10.1002/bies.20729

Lund RG, Silva AF, Piva E, Da Rosa WL, Heckmann SS, Demarco FF. Clinical evaluation of two desensitizing treatments in southern Brazil: A 3-month follow-up. *Acta Odontol Scand*. 2013;71:1469-1474

Lynch E, Brauer DS, Karpukhina N, Gillam DG, Hill RG (2012) Multi-component bioactive glasses of varying fluoride content for treating dentin hypersensitivity. *Dent Mater* 28(2):168–178

Lyu, X. (2019). *Application of Laser Technology in Dental Clinical Treatment*. *6*(11), 189–198

Mani, A., Anarthe, R., Bhople, T., Bhople, K. ., dan Patel, R. (2015). Lasers in the Treatment of Dentin Hypersensitivity: A Review. *Journal of Medical Science and Clinical Research*, *03*(04), 5292–5298.

Mantzourani, M., Sharma, D. (2013). Dentine sensitivity: Past, present and future. *Journal of Dentistry*, *41*(SUPPL. 4), S3–S17. https://doi.org/10.1016/S0300-5712(13)70002-2

Markowitz K (2013) A new treatment alternative for sensitive teeth: a desensitizing oral rinse. *J Dent* 4I:S1–S11

Marshall SJ, Bayne SC, Baier R, Tomsia AP, Marshall GW. A review of adhesion science. Dent Mater. 2010;26:e11-6 13. Shen C, Autio-Gold J. Assessing fluoride concentration uniformity and fluoride release from three varnishes. *J Am Dent Assoc*. 2002;133:176-82

Marto, C. M., Paula, A. B., Nunes, T., Pimenta, M., Margarida, A., Pires, A. S., Laranjo, M., Coelho, A., Donato, H., Filomena, M., Ferreira, M. M., Carrilho, E. (2019). *Evaluation of the efficacy of dentin hypersensitivity treatments — A systematic review and follow - up analysis*. *May*, 1–39. https://doi.org/10.1111/joor.12842

Mathew, M. G., Soni, A. J., Khan, M. M., Kauser, A., Charan, V. S. S., dan Akula, S. K. (2020). Efficacy of remineralizing agents to occlude dentinal tubules in primary teeth subjected to dentin hypersensitivity in vitro: SEM study. *Journal of Family Medicine and Primary Care*, *9*(1), 1–14. https://doi.org/10.4103/jfmpc.jfmpc_853_19

Mattulada, I. K. (2015). Penanganan dentin hipersensitif (Management of dentin hypersensitive). *Makassar Dent J*, *4*(5):148-151 https://doi.org/2089-8134

Miglani S, Aggarwal V, Ahuja B (2010) Dentin hypersensitivity: recent trends in

management. *J Conserv Dent* 13(4):218–224

Mulya, H. B., Putri Kusuma, A. R., dan Susilowati, A. (2016). Perbedaan Kemampuan Pasta Gigi Desensitisasi Komersial Dengan Bahan Aktif Hidroksiapatit Dan Novamin Dalam Penutupan Tubulus Dentin Dengan Scanning Electron Microscope. *ODONTO : Dental Journal*, *3*(1), 14. https://doi.org/10.30659/odj.3.1.14-19

Naghsh, N., Kachuie, M., Kachuie, M., Birang, R. (2020). Evaluation of the effects of 660-nm and 810-nm low-level diode lasers on the treatment of dentin hypersensitivity. *Journal of Lasers in Medical Sciences*, *11*(2), 126–131. https://doi.org/10.34172/JLMS.2020.22

Nasution, A. I. (2016). *Buku Ajar Jaringan Keras Gigi Aspek Mikrostruktur dan Aplikasi Riset*. Syiah Kuala University Press.hal 31-40

Ningsih, J. R. (2018). *Ilmu Dasar Kedokteran Gigi*. Muhammadiyah University Press.hal 87-91

Nongonierma AB, Fitzgerald RJ (2012) Biofunctional properties of caseinophosphopeptides in the oral cavity. *Caries Res* 46(3):234–267

Osmari, D., Fraga, S., Ferreira, A. C. de O., Eduardo, C. de P., Marquezan, M., da Silveira, B. L. (2018). In-office treatments for dentin hypersensitivity: A randomized split-mouth clinical trial. *Oral Health dan Preventive Dentistry*, *16*(2), 125–130. https://doi.org/10.3290/j.ohpd.a40299

Pantuzzo, E. S., Cunha, F. A., Abreu, L. G., Lima, R. P. E. (2020). Effectiveness of diode laser and fluoride on dentin hypersensitivity treatment: A randomized single-blinded clinical trial. *Indian Society of Periodontology*. 259-263 https://doi.org/10.4103/jisp.jisp_478_19

Pesevska S, Nakova M, Ivanovski K, Angelov N, Kesic L, Obradovic R, dkk., authors. Dentinal hypersensitivity following scaling and root planing: Comparison of low-level laser and topical fluoride treatment. *Lasers Med Sci*. 2010;25:647–50

Petersson, L. G. (2013). The role of fluoride in the preventive management of dentin hypersensitivity and root caries. *Clinical Oral Investigations*, *17*(SUPPL.1), 63–71. https://doi.org/10.1007/s00784-012-0916-9

Pradeep AR, Sharma A (2010) Comparison of clinical efficacy of a dentifrice containing calcium sodium phosphosilicate to a dentifrice containing potassium nitrate and to a placebo on dentinal hypersensitivity: a randomized clinical trial. *J Periodontol* 81(8):1167–1173

Pradeep AR, Agarwal E, Naik SB, Bajaj P, Kalra N (2012) Comparison of efficacy of three commercially available dentifrices on dentinal

hypersensitivity: a randomized clinical trial. *Aust Dent J* 57(4): 429–434

Ramesh A, Bhandary R, Thomas B, Dsouza SR. Laser-A ray of hope in periodontics-A review article. *NUJHS*. 2014;4(3):138-42

Ritter AV, Eidson RS, Donovan TE. Dental caries: etiology, clinical characteristics, risk assessment and management. In: Heymann HO, Swift Jr EI, Ritter AV. *Sturdevant's art and science of operative dentistry*. 6th Ed. St Louis: Elsevier; 2013. p.41

Romeo, U., Russo, C., Palaia, G., Tenore, G., Del Vecchio, A. (2012). Treatment of dentine hypersensitivity by diode laser: A clinical study. *International Journal of Dentistry*, *2012*:1-8 https://doi.org/10.1155/2012/858950

Rusin RP, Agee K, Suchko M, Pashley DH (2010) Effect of a new desensitizing material on human dentin permeability. *Dent Mater* 26(6):600–607

Saluja, M., Grover, H. S., dan Choudhary, P. (2016). Comparative morphologic evaluation and occluding effectiveness of Nd: YAG, CO2 and diode lasers on exposed human dentinal tubules: An invitro SEM Study. *Journal of Clinical and Diagnostic Research*, *10*(7), ZC66–ZC70. https://doi.org/10.7860/JCDR/2016/18262.8188

Santos MJ, Ari N, Steele S, Costella J, Banting D (2014) Retention of tooth-colored restorations in non-carious cervical lesions-a systematic review. *Clin Oral Investig* 18(5):1369–1381

Sarode GS, Sarode SC. Abfraction: a review. *J Oral Maxillofac Pathol* 2013; 17(2): 222

Sativa RL. *Gigi Sensitif Tidak Bisa Disepelekan, Ini Alasannya*. Acces at: http://health.detik.com/read/2013/10/28/170 141/2397573/763/gigi-sensitif-tidak-bisadisepelekan-ini-alasannya. Post on: 20 Oktober 2013. View on: 7 Maret 2017

Schmidlin PR, Sahrmann P (2013) Current management of dentin hypersensitivity. *Clin Oral Investig* 17(1): S55–S59

Sgolastra F, Petrucci A, Severino M, Gatto R, Monaco A. Effectiveness of laser in dentinal hypersensitivity treatment:a systematic review. *J Endod*. 2011;37:297-303

Shahabi S, Chiniforush N, Juybanpoor N. Morphological changes of human dentin after erbium-doped yttrium aluminium garnet (Er:YAG) and carbon dioxide (CO2) laser irradiation and acid – etch technique: an electron microscopic (SEM) evaluation. *J Lasers Med Sci*. 2013;4(1):48-52

Sharif MO, Iram S, Brunton PA (2013) Effectiveness of arginine-containing

toothpastes in treating dentine hypersensitivity: a systematic review. *J Dent* 41(6): 483–492

Shiau, Harlan J. (2012). Dentin Hypersensitivity. *The Journal of Evidence-Based Dental Practice*, *12*(3), 220–228. https://doi.org/10.1016/S1532-3382(12)70043-X

Splieth CH, Tachou A (2013) Epidemiology of dentin hypersensitivity. *Clin Oral Investig*. 17(1): 53-58 doi: 10.1007/ s00784-012-0889-8

Strassler HE, Drisko CL, Alexander DC. *Features Dentin Hypersensitivity*. http://www.insidedentalassisting.com (17 Februari 2010)

Suri, I., Singh, P., Shaki, Q. J., Shetty, A., Bapat, R., Thakur, R. (2016). A comparative evaluation to assess the efficacy of 5% sodium fluoride varnish and diode laser and their combined application in the treatment of dentin hypersensitivity. *Journal of Indian Society of Periodontology*, *20*(3), 307–314. https://doi.org/10.4103/0972-124X.181243

Taha, S., Clarkson, B. H. (2014). *Clinician's Guide to the Diagnosis and Management of Tooth Sensitivity* (S. Taha dan B. H. Clarkson (eds.)). Springer. 1-106 https://doi.org/10.1007/978-3-642-45164-5

Talioti E, Hill R, Gillam DG. (2014). The Efficacy of Selected Desensitizing OTC Products: a systematic review. *ISRN Dentistry*. 1-14

Tjäderhane, L., Paju, S. (2020). *Dentin - Pulp and Periodontal Anatomy and Physiology*. Essential Endodontology: Prevention and Treatment of Apical Periodontitis, Third Edition. John Wiley and Sons Ltd.11-58

Trushkowsky, R. D., Oquendo, A. (2011). Treatment of dentin hypersensitivity. *Dental Clinics of North America*, *55*(3), 599–608. https://doi.org/10.1016/j.cden.2011.02.013

Trushkowsky, R., Kedokteran, F., Universitas, G., York, N., Garcia-godoy, F., Ilmu, P., Universitas, K. (2014). Hipersensitivitas dentin: diagnosis banding, tes, dan etiologi. *Hipersensitivtas Dentin*. April. 25(2):99-104

Umana M, Heysselaer D, Tielemans M, Compere P, Zeinoun T, Nammour S. Dentinal tubules sealing by means of diode lasers (810 and 980 nm): a preliminary in vitro study. *Photomed Laser Surg*. 2013;31:307-14

Vadivelu N, Kai AM, Kodumudi G, Babayan K, Fontes M, Burg MM. Pain and Psychology-A Reciprocal Relationship. *Ochsner J*. 2017;17(2):173-80. PMid:28638291

Vora J, Mehta D, Meena N, Sushma G, Finger WJ, Kanehira M (2012) Effects of two topical desensitizing agents and placebo on dentin hypersensitivity. *Am J*

Dent 25(5):293–298

Wang, L., Magalhães, A. C., Francisconi-Dos-Rios, L. F., Calabria, M. P., Araújo, D. F. G., Buzalaf, M. A. R., Lauris, J. R. P., dan Pereira, J. C. (2016). Treatment of dentin hypersensitivity using nano-hydroxyapatite pastes: A randomized three-month clinical trial. *Operative Dentistry*, *41*(4), E93–E101. https://doi.org/10.2341/15-145-C

West, N., Seong, J., Davies, M. (2014). Dentine hypersensitivity. *Monographs in Oral Science*, *25*, 108–122. https://doi.org/10.1159/000360749

West, N. X., Lussi, A., Seong, J., Hellwig, E. (2013). Dentin hypersensitivity: Pain mechanisms and aetiology of exposed cervical dentin. *Clinical Oral Investigations*, *17*(SUPPL.1), 9–19. https://doi.org/10.1007/s00784-012-0887-x

Widiwhardono A. Hydroxyapatite: A Breakthrough Technology for Challanging Dentine Hypersensitivity. Jakarta. 2011. *Symposium Pepsodent. p.1*

Wikipedia. *Gingival recession* (accept May 8, 2016)

Willya, D., Oliveira, D. De, Marques, D. P., Ca, I., Flecha, O. D., Gonc, P. F. (2012). Effect of Surgical Defect Coverage. *Periodontal*. *84*(6):1-8 https://doi.org/10.1902/jop.2012.120479

Yadav S, Shire SJ, Kalonia DS. Viscosity analysis of high concentration bovine serum albumin aqueous solutions. *Pharm Res*. 2011;28:1973-83

Yilmaz HG, Cengiz E, Kurtulmus-Yilmaz S, Leblebicioglu B. Effectiveness of Er,Cr:YSGG laser on dentine hypersensitivity: a controlled clinical trial. *J Clin Periodontol* 2011; 38: 341–346

Yilmaz HG, Kurtulmus-Yilmaz S, Cengiz E, dkk. Clinical evaluation of Er, Cr:YSGG and GaAlAs laser therapy for treating dentine hypersensitivity: A randomized controlled clinical trial. *J Dent* 2011;39:249-54. DOI: 10.1016/J.Jdent.2011.01.003

Yilmaz, H. G., Yilmaz, S. K., dan Cengiz, E. (2011). *Long-Term Effect of Diode Laser Irradiation Compared to Sodium Fluoride Varnish in the Treatment of Dentine Hypersensitivity in Periodontal Maintenance Patients : A Randomized Controlled Clinical Study*. *29*(11), 721–725. https://doi.org/10.1089/pho.2010.2974

Zaslansky, P., Zabler, S., and Fratzl, P. (2010) 3D variations in human crown dentin tubule orientation: a phasecontrast microtomography study. *Dent Mater* 26: e1–10

Zimmer S, Ozturk M, Barthel CR, Bizhang M, Jordan RA (2011) Cleaning effi

cacy and soft tissue trauma after use of manual toothbrushes with different bristle stiffness. *J Periodontol* 82(2):267–271. doi:10.1902/ jop.2010.100328

Zulfa, L., Mustaqimah, D. N. (2011). Terapi periodontal non-bedah Non-surgical periodontal therapy. *Dentofasial*, *10*(1):36-41