

DAFTAR PUSTAKA

- Afrianti, N., Erlita, I., Adhani, R. 2019. Isotonic beverage effect on surface hardness of bulk-fill type composite resin. *Dentino (Jur. Ked. Gigi)*. 4(2): 130-134.
- Alencar, C.R.B., Oliveira, G.C., Buzalaf, M.A.R., Machado, M., Honorio, H.M., Rios, D. 2016. In situ effect of CPP-ACP chewing gum upon erosive enamel loss. *J Appl Oral Sci*. 25(3): 258-264.
- Alqahtani, M.Q. 2014. Tooth-bleaching procedures and their controversial effects: A literature review. *The Saudi Dental Journal*. 26(2): 33-46.
- Amaechi, B.T., Porteus, N., Ramalingam, K., Mnsikai, P.K., Ccahuana, V.R.A., Sadeghpour, A. 2013. Remineralization of artificial enamel lesions by theobromine. *Car Res*. 47(1): 399-405.
- Anusavice. J.K., Shen, C., Rawls, H.R. 2012. *Phillip's Science of Dental Material*. 12th Ed. Elsevier. Missouri. p. 34.
- Arad, D.S. 2016. *Esthetics in Dentistry*. Quintessence Publishing. Great Britain. p. 228.
- Arief, E., Lunardhi, C.G.J., Setiawan, A. 2018. Kekuatan perlekatan tarik komposit resin pada permukaan enamel dengan dan tanpa perlakuan fluor. *Conservative Dentistry Journal*. 8(1): 64-68.
- Arruda, A.O., Kannan, R.S., Inglehart, M.R., Rezende, C.T., Sohn, W. 2012. Effect of 5% fluoride varnish application on caries among school children in rural Brazil: a randomized controlled trial. *Community Dent Oral Epidemiol*. 40(1): 267-276.
- Asmawati. 2018. Potensi cangkang udang (*Litopenaeus vannamei*) sebagai bahan remineralisasi gigi. *Makassar Dental Journal*. 7(1): 46-49.
- Bajaj, M., Poornima, P., Praveen, S., Nagaveni, N.B., Roopa, K.B., Neena, I.E., Bharath, K.P. 2016. Comparison of CPP-ACP, Tri calcium phosphate and hydroxyapatite on remineralization of artificial caries like lesions on primary enamel-an in vitro study. *The Journal of Clinical Pediatric Dentistry*. 40(5): 404-409.
- Bakry, A.S., Takahashi, H., Otsuki, M., Tagami, J. 2014. Evaluation of new treatment for incipient enamel demineralization using 45S5 bioglass. *Dental Materials*. 30(1): 314-320.

- Banerjee, A., Watson, T.F. 2015. *Pickard's Guide to Minimally Invasive Operative Dentistry*. 10 th Ed. Oxford University Press. United Kingdom. p. 6-7.
- Batista, G.R., Torres, C.R.G., Sener, B., Attin, T., Wiegand, A. 2016. Artificial saliva formulations versus human saliva pretreatment in dental erosion experiments. *Caries Res*. 50(1): 78-86.
- Beniash, E., Stifler, C.A., Sun, C.Y., Jung, G.S., Qin, Z., Buehler, M.J., Gilbert, P.U.P.A. 2019. The hidden structure of human enamel. *Nature Communications*. 10(1): 1-13.
- Bhasmey, S.R., Chowdhary, R. 2011. Evaluation on the corrosion of the three Ni-Cr alloys with different composition. *International Journal of Dentistry*. 1(1): 1-5.
- Borges, A.B., Torres, C.R.G., De Souza, P.A.B., Caneppele, T.M.F., Santos, L.F.T. F., Magalhães, A.C. 2012. Bleaching gels containing calcium and fluoride: Effect on enamel erosion susceptibility. *International Journal of Dentistry*. 1(1): 1-6.
- Busman., Arma, U., Nofriadi. 2014. Hubungan aplikasi casein phosphopeptide-amorphous calcium phosphate (CPP-ACP) terhadap remineralisasi gigi. *Jurnal B-Dent*. 1(1): 18-23.
- Buzalaf, M.A.R., Hannas, A.R., Kato, M.T. 2011. Saliva and dental erosion. *J Appl Oral Sci*. 20(5): 493-502.
- Carey, M.C. 2014. Tooth whitening: what we know. *J Evid Based Dent Pract*. 14(1): 70-76.
- Cate, J.M.T., Buzalaf, M.A.R. 2019. Fluoride mode of action: once there was an observant dentist. *Journal of Dental Research*. 98(7): 725-730.
- Chandra, B.S., Gopikrishna, V. 2014. *Grossman's Endodontic Practice*. 13th Ed. Wolters Kluwer. Haryana. p. 499-501.
- China, A.L.P., Souza, N.M., Gomes, Y.S.B.L., Alexandrino, L.D., Silva, C.M. 2014. Effect of fluoride gels in microhardness and surface roughness of bleached enamel. *The Open Dentistry Journal*. 8(1): 188-193.
- Chokshi, K., Chokshi, A., Konde, S., Shetty, S.R., Chandra, K.N., Jana, S., Mhambrey, S., Thakur, S. 2016. An in vitro comparative evaluation of three remineralizing agents using confocal microscopy. *Journal of Clinical and Diagnostic Research*. 10(6): 39-42.

- Coceska, E., Gjorgievska, E., Coleman, N.J., Gabric, D., Slipper, I.J., Stevanovic, M., Nicholson, J.W. 2016. Enamel alteration following tooth bleaching and remineralization. *J Microsc.* 262(3): 232-244.
- Damle, S.G., Vidya, I., Yadav, R., Bhattal, H., Loomba, A. 2012. Quantitative determination of inorganic constituents in saliva and their relationship with dental caries experience in children. *Dentistry Journal.* 2(3): 131-135.
- Dzulfia, L., Damiyanti, M., Herda, E. 2016. Pengaruh susu sapi dan protein whey terhadap kekerasan email gigi setelah demineralisasi. *JMKG.* 2(5): 28-35.
- Elfallah, H.M., Bertassoni, L.E., Charadram, N., Rathsam, C., & Swain, M.V. 2015. Effect of tooth bleaching agents on protein content and mechanical properties of dental enamel. *Acta Biomaterialia.* 20(1): 120-128.
- Fanita, V.A., Aziz, I. 2018. Penentuan beban indentor ideal micro vickers hardness tester matsuzawa MMT-X7. Prosiding Pertemuan dan Presentasi Ilmiah Penelitian Dasar Ilmu Pengetahuan dan Teknologi Nuklir Pusat Sains dan Teknologi Akselerator. 24 Juli 2018. Yogyakarta. h. 1-4.
- Farooq, I., Moheet, I.A., Imran, Z., Farooq, U. 2013. A review of novel dental caries preventive material: Casein phosphopeptide-amorphous calcium phosphate (CPP-ACP) complex. *King Saud University Journal of Dental Sciences.* 4(2): 47-51.
- Faus-Matoses, V., Palau-Martínez, I., Amengual-Lorenzo, J., Faus-Matoses, I., Faus-Llácer, V.J. 2019. Bleaching in vital teeth: Combined treatment vs in-office treatment. *Journal of Clinical and Experimental Dentistry.* 11(8): 754-758.
- Fehrenbach, M.J. 2019. *Mosby's Dental Dictionary.* 4th Ed. Mosby-Elsevier. St. Louis. p. 696.
- Freedman, G. 2012. *Contemporary Esthetic Dentistry.* Elsevier Mosby. Missouri. p. 352-353.
- Garg, N., Garg, A. 2015. *Textbook of Operative Dentistry.* 3rd Ed. Jaypee Brothers Medical Publishers. New Delhi. p. 452.
- Godinho, J., Silveira, J., Mata, A., Carvalho, M.L., Pessanha, S. 2014. Effect of bleaching gel in Ca, P, and Zn content in tooth enamel evaluated by u-EXDRF. *Nuclear Instruments and Methods in Physics Research.* 337(1): 78-82.

- Gurunathan, D., Somasundaram, S., Kumar, S.A. 2012. Casein phosphopeptide-amorphous calcium phosphate : a remineralizing agent of enamel. *Australian Dental Journal*. 57(3): 404-408.
- Hadriyanto., W. 2012. Perbedaan penggunaan bahan desentizing dan tanpa desentizing pasca bleaching ekstrakoronal terhadap kekerasan email. *Maj Ked Gi*. 19(2): 119-128.
- Hara, A.T., Zero, D.T. 2014. The potential of saliva in protecting against dental erosion. *Monogr Oral Sci*. 25(1): 197-205.
- Haridy, M.F., Alhussiny, H.A. 2018. Micro hardness of bleached human enamel following application of conventional versus nano active bioglass: an invitro study. *Egyptian Dental Journal*. 64(1): 527-536.
- Heravi, F., Bagheri, H. Rangrazi, A., Zebarjad, S.M. 2017. Effect of the addition of casein phosphopeptide-amorphous calcium phosphate (CPP-ACP) on mechanical properties of luting and lining glass ionomer cement. *Materials Research Express*. 3(7): 1-7.
- Hudiyati, M., Chairani, S., Rais, S.W. 2016. Pengaruh jenis fluor topikal terhadap kebocoran mikro pada pit and fissure sealant. *Jurnal Material Kedokteran Gigi*. 5(1): 35-41.
- Huq, N.L., Myroforidis, H., Cross, J.K., Stanton, D.P., Veith, P.D., Ward, B.R., Reynolds, E.C. 2016. The interactions of CPP-ACP with saliva. *Int J Mol Sci*. 17(1): 1-11.
- Hutauruk, E.F. 2017. Tingkat Warna dan Kekerasan Enamel Gigi dengan Aplikasi Fluoride Sebelum Bleaching. *Skripsi*. Fakultas Kedokteran Gigi. Universitas Sumatera Utara. Medan.
- Izzati, F. 2019. Kekerasan Permukaan Email Gigi Permanen Manusia Setelah Perendaman dalam Ekstrak Kulit Pisang Raja (*Musa Paradisiaca* var. Raja) sebagai Bahan Bleaching (secara in-vitro). *Skripsi*. Fakultas Kedokteran Gigi. Universitas Sumatera Utara. Medan.
- Joshi, S. 2016. An overview of vital teeth bleaching. *Journal of Interdisciplinary Dentistry*. 6(1): 3-13.
- Junior, W.F.V., Lima, D.A.N.L., Tabchoury, C.P.M., Ambrosano, G.M.B., Aguiar, F.H.B., Lovadino, J.R. 2016. Effect of toothpaste application prior to dental bleaching on whitening effectiveness and enamel properties. *Operative Dentistry*. 41(1): 29-38.

- Kah, P., Martikainen, J., Layus, P. 2011. Methods of evaluating weld quality in modern production (part 1). *Mechanika*. 1(1): 164-169.
- Karaarslan, E.S., Ozmen, Z.C., Aytac, F., Bicakci, A.A., Buldur, M., Aydogan, L., Hologlu, F., Ozkocak, B.B.C. 2018. Evaluation of biochemical changes in dental tissues after different office bleaching methods. *Human and Experimental Toxicology*. 20(10): 1-9.
- Kargul, B., Altinok, B., Welbury, R. 2012. The effect of casein phosphopeptide-amorphous calcium phosphate on enamel surface rehardening an in vitro study. *European Journal of Paediatric Dentistry*. 13(2): 123-127.
- Kathleen, J, Lunardhi, C.G.J, Subiyanto, A. 2017. Kemampuan bioaktif glass (novamin) dan casein peptide amorphous calcium phosphate (CPP-ACP) terhadap demineralisasi enamel. *Conservative Dentistry Journal*. 7(2): 111-119.
- Kato, M.T., Bolanho, A., Zarella, B.L., Salo, T., Tjaderhane, L., Buzalaf, M.A.R. 2014. Sodium fluoride inhibits MMP-2 and MMP-9. *J Dent Res*. 93(1): 74-77.
- Kencana, P.P. 2017. Perbedaan Kekerasan Email Gigi yang Direndam Air Perasan Nanas dan Air Perasan Jeruk Siam Secara In Vitro. *Skripsi*. Fakultas Kedokteran Gigi. Universitas Andalas. Padang.
- Komariah., Callista, F., Bustami, D.A. 2018. Pretreatment nano kitosan dan nano kalsium (X. gideon) pada aplikasi home bleaching terhadap kekerasan email. Makalah disampaikan dalam Seminar Nasional Cendekiawan. 2018. Trisakti.
- Kumayasari, M.F., Sultoni, A.I. 2017. Studi uji kekerasan rockwell superficial vs micro vickers. *Jurnal Teknologi Proses dan Inovasi Industri*. 2(2): 85-89.
- Kutuk, Z.B., Ergin, E., Cakir, F.Y., Gurgan, S. 2019. Effects of in-office bleaching agent combined with different desensitizing agents on enamel. *Journal of Applied Oral Science*. 27(1): 1-10.
- Kyaw, K.Y., Otsuki, M., Segarra, M.S., Tagami, J. 2018. Effect of sodium fluoride pretreatment on the efficacy of an in-office bleaching agent: An in vitro study. *Clinical and Experimental Dental Research*. 4(4): 113-118.
- Lechner, B.D., Roper, S., Messerschmidt, J., Blume, A., Magerle, R. 2015. Monitoring demineralization and subsequent remineralization of human teeth at the dentin-enamel junction with atomic force microscopy. *American Chemical Society*. 10(1): 1-7.

- Li, Y. 2011. Safety controversies in tooth bleaching. *Dental Clinics of North America*. 55(2): 255-263.
- Limeback, H. 2012. *Comprehensive Preventive Dentistry*. Wiley-Blackwell. Oxford. p. 251.
- Loguercio, A.D., Servat, F., Stanislawczuk, R., Rezende, M. 2017. Effect of acidity of in-office bleaching gels on tooth sensitivity and whitening : a two-center double-blind randomized clinical trial. *Clin Oral Invest*. 21(1): 2811-2818.
- Low, S.B., Allen, E.P., Kontogiorgos, E.D. 2015. Reduction in dental hypersensitivity with nano-hydroxyapatite, potassium nitrate, sodium monofluorophosphate and antioxidants. *The Open Dentistry Journal*. 9(1): 92-97.
- Lutovac, M., Popova, O.V., Macanovic, G., Kristina, R., Lutovac, B., Ketin, S., Biocanin, R. 2017. Testing the effect of aggressive beverage on the damage of enamel structure. *Open Access Mace J Med Sci*. 5(7): 987-993.
- Magista, M., Nuryanti, A., Wahyudi, I.A. 2014. Pengaruh lama perendaman dan jenis minuman beralkohol bir dan tuak terhadap kekerasan email gigi manusia (in vitro). *Maj Ked Gi*. 21(1): 47-55.
- Majeed, A., Farooq, I., Grobler, S.R., Rossouw, R.J. 2015. Tooth-bleaching: a review of the efficacy and adverse effects of various tooth whitening products. *Journal of the College of Physicians and Surgeons Pakistan*. 25(12): 1-6.
- Martinez, J.R., Valiente, M., Martin, M.J.S. 2019. Tooth whitening: from the established treatments to novel approaches to prevent side effects. *J Esthet Restor Dent*. 31(1): 431-440.
- Maulana, N.B. 2018. Pengaruh variasi beban indentor vickers hardness tester terhadap hasil uji kekerasan material aluminium dan besi cor. *Jurnal Mer-C*. 1(10): 1-5.
- Memarpour, M., Fakhraei, E., Dadaein, S., Vossoughi, M. 2015. Efficacy of fluoride varnish and casein phosphopeptide-amorphous calcium phosphate for remineralization of primary teeth: a randomized clinical trial. *Med Princ Pract*. 24(1): 231-237.
- Meyer-Lueckel, H., Wierichs, R.J., Schellwien, T., Sebastian, P. 2015. Remineralizing efficacy of a CPP-ACP cream on enamel caries lesions in situ. *Caries Res*. 49(1): 56-62.

- Mithra, N.H., Money, A. 2012. Remineralization of enamel subsurface lesions with casein phosphopeptide amorphous calcium phosphate: a quantitative energy dispersive x-ray analysis using scanning electron microscopy: an in vitro study. *J Conserv Dent.* 15(1): 61-67.
- Mittal, R., Relhan, N., Tangiri, T. 2017. Remineralizing agents: a comprehensive review. *Int J Clin Prev Dent.* 13(1): 1-4.
- Molina, B.N., Genaro, L.E., Fazanaro, M.C.S., Ohata, G., Dantas, A.A.R. 2021. Efficacy and adverse effects of dental bleaching in the office: literature review. *Biomed J Sci & Tech Res.* 35(3): 27628-27636.
- Mortazavi, H., Baharvand, M., Khodadoustan, A. 2014. Colors in tooth discoloration: A new classification and literature review. *International Journal of Clinical Dentistry.* 7(1): 17-28.
- Mushashe, A.M., Coelho, B.S., Garcia, P.P., Rechia, B.C.D.N., Cunha, L.F.D., Correr, G.M., Gonzaga, C.C. 2018. Effect of different bleaching protocols on whitening efficiency and enamel superficial microhardness. *J Clin Exp Dent.* 10(8): 772-775.
- Musskopf, M.L., da Rocha, J. M., Rosing, C. K. 2013. Perception of smile esthetics varies between patients and dental professionals when recession defects are present. *Brazilian Dental Journal.* 24(4): 385-390.
- Nanci, A. 2018. *Ten Cate's Oral Histology.* 9th Ed. Elsevier. Canada. p. 291-295.
- Neel, E.A.A., Aljabo, A., Strange, A., Ibrahim, S., Coathup, M., Young, A.M., Bozec, L., Mudera, V. 2016. Demineralization-remineralization dynamics in teeth and bone. *International Journal of Nanomedicine.* 11(1): 4743-4763.
- Noble, S.L. 2012. *Clinical Textbook of Dental Hygiene and Therapy.* 2nd Ed. Wilwy-Blackwell. Oxford. p. 47.
- O'Mullane, D.M., Baez, R.J., Jones, S., Lennon, M.A., Petersen, P.E., Whelton, H., Whitford, G.M. 2016. Fluoride and oral health. *Community Dental Health.* 33(1): 69-99.
- Oh, H.J., Oh, H.W., Lee, D.W., Kim, C.H., Ahn, J.Y., Kim, Y., Shin, H.B., Kim, C.Y., Park, S.H., Jeon, J.G. 2017. Chronologic trends in studies on fluoride mechanisms of action. *Journal of Dental Research.* 1(1): 1-8.
- Oliveira, G.M.S., Ritter, A.V., Heymann, H.O., Swift, E., Donovan, T., Brock, G., Wright, T. 2014. Remineralization effect of CPP-ACP and Fluoride for white spot lesions *in vitro.* *J Dent.* 42(12): 1592-1602.

- Prabhakar, A.R., Manojkumar, A.J., Basappa, N. 2013. In vitro remineralization of enamel subsurface lesions and assessment of dentine tubule occlusion from NaF dentifrices with and without calcium. *Journal of Indian Society Pedodontics and Preventive Dentistry*. 31(1): 29-35.
- Pribadi, N., Citra, A., Rukmo, M. 2019. The difference in enamel surface hardness after immersion process with cocoa rind extract (*Theobroma cacao*) and fluoride. *J Int Oral Health*. 11(1): 100-103.
- Rachmawati, D., Kurniawati, C., hakim, L., Roeswahjuni, N. 2019. Efek remineralisasi casein phosphopeptide-amorphous calcium phosphate (CPP-ACP) terhadap enamel gigi sulung. *E-Prodenta Journal of Dentistry*. 3(2): 257-262.
- Rahayu, Y.C. 2013. Peran agen remineralisasi pada lesi karies dini. *Stomatognatic*. 10(1): 25-30.
- Ridhani, M.I., Erlita, I., Elsa, Y. 2021. Pelepasan ion kalsium pada resin komposit bioaktif setelah direndam minuman probiotik dan sari buah jeruk. *Dentin*. 5(1): 21-25.
- Sa, Y., Sun, L., Wang, Z., Ma, X., Liang, S., Xing, W., Jiang, T., Wang, Y. 2013. Effects of two in-office bleaching agents with different ph on the structure of human enamel: an in situ and in vitro study. *Operative Dentistry*. 38(1): 100-110.
- Sakaguchi, R.L., Powers, J.M. 2012. *Craig's Restorative Dental Materials*. 13th Ed. Elsevier. Philadelphia. p. 131-132.
- Santhosh, B.P., Jethmalani, P., Shashibhushan, K.K., Subba, R.V.V. 2012. Effect of phosphate containing chewing gum on salivary concentration of calcium and phosphorus: an in vivo study. *J Indian Soc Pedod Prev Dent*. 30(2): 146-150.
- Shahmoradi, M., Hunter, N., Swain, M. 2017. Efficacy of fluoride varnish with added calcium phosphate in the protection of the structural and mechanical properties of enamel. *Biomed Research International*. 1(1): 1-7.
- Shen, P., Fernando, J.R., Walker, G.D., Yuan, Y., Reynolds, C., Reynolds, E.C. 2020. Addition of CPP-ACP to yogurt inhibits enamel subsurface demineralization. *Journal of Dentistry*. 103(1): 1-22.
- Sibilang, A.A.G.C., Wowor, P.M., Juliatri. 2017. Uji air perasan jeruk kesturi (*Citrus microcarpa Bunge.*) terhadap perubahan warna resin komposit yang direndam dalam larutan kopi. *Jurnal e-GiGi*. 5(1): 12-18.

- Silva, L.A.B.D., Longo, D.L., Stuani, M.B.S., Queiroz, A.M., Silva, R.A.B., Filho, P.N., Vieira, H.A.O., Pucinelli, C.M., Silva, F.W.G.P. 2020. Effect of root surface treatment with denusomab after delayed tooth replantation. *Clinical Oral Investigations*. 25(1): 1255-1264.
- Sirat, N.M. 2014. Pengaruh aplikasi topikal dengan larutan NaF dan SnF₂ dalam pencegahan karies gigi. *Jurnal Kesehatan Gigi*. 2(2): 222-232.
- Soares, D.G., Basso, F.G., Hebling, J., Costa, C.A.D.S. 2014. Concentrations of and application protocols for hydrogen peroxide bleaching gels: effect on pulp cell viability and whitening efficacy. *Journal of Dentistry*. 42(1): 185-198.
- Sundari, T.P., Tarigan, G., Isabela, J. 2018. Perbandingan Kekerasan Gigi Setelah Dilakukan Bleaching Ekstrakoronar Hidrogen Peroksida 30% dan Hidrogen Peroksida 35% pada Gigi Premolar Satu Rahang Atas (penelitian secara in vitro). *PRIMA JODS*. 1(1): 17-23.
- Sungkar, S., Fitriyani, S., Yumanita, I. 2016. Kekerasan permukaan email gigi tetap setelah paparan minuman ringan asam jawa. *Journal of Syiah Kuala Dentistry Society*. 1(2): 1-8.
- Syahrial, A.A., Rahmadi, P., Putri, D.K.T. 2016. Perbedaan kekerasan permukaan gigi akibat lama peredaman dengan jus jeruk (*Citrus sinensis*. Osb) secara in vitro. *Dentino*. 1(1): 1-5.
- Syam, S., Lestari, N., Putri, H.S.W. 2018. Perbedaan kekerasan email pada perendaman minuman bersoda dan isotonic di Makassar tahun 2018. *As-Syifaa*. 10(2): 161-169.
- Talwar, M., Farahani, A.B., Lynch, E., Borsboom, P., Ruben, J. 2019. Remineralization of demineralization enamel and dentine using 3 dentrifices-an in vitro study. *Dent J*. 7(91): 1-12.
- Tao, S., Zhu, Y., Yuan, H., Tao, S., Cheng, Y., Li, J., He, L. 2018. Efficacy of fluorides and CPP-ACP vs fluorides monotherapy on early caries lesions: a systematic review and meta-analysis. *PLoS ONE*. 13(4): 1-13.
- Tezel, H., Atalayin, C., E Turk, O., Karasulu, E. 2011. Susceptibility of enamel treated with bleaching agents to mineral loss after cariogenic challenge. *International Journal of Dentistry*. 1(1): 1-8.

- Thierens, L.A.M., Moerman, S., Elst, C.V., Maes, P., Temmerman, L., Roo, N.M., Verbeeck, R.M.H., Pauw, G.A.M. 2019. The in vitro remineralizing effect of CPP-ACP and CPP-ACPF after 6 and 12 weeks on initial caries lesion. *J Appl Oral Sci.* 27(1): 1-9.
- Torres, C.R.G., Souza, C.S., Borges, A.B., Huhtala, M.F.R.L., Caneppele, T.M.F. 2013. Influence of concentration and activation on hydrogen peroxide diffusion through dental tissues in vitro. *The Scientific World Journal.* 1(1): 1-5.
- Troconis, C.C.M., Puello, S.D.C.P. 2019. Casein phosphopeptide-amorphous calcium phosphate (CPP-ACP) in dentistry: state of the art. *Rev Fac Odontol Univ Antioq.* 30(2): 248-263.
- Ullah, R., Zafar, M.S. 2015. Oral and dental delivery of fluoride: a review. *Research Review.* 48(3): 195-204.
- Wang, X., Mihailova, B., Klocke, A., Heidrich, S., Bismayer, U. 2011. Effect of artificial saliva on the apatite structure of eroded enamel. *International Journal of Spectroscopy.* 1(1): 1-9.
- Widyaningtyas, V., Rahayu, Y.C., Barid, I. 2014. Analisis peningkatan remineralisasi enamel gigi setelah direndam dalam susu kedelai murni (Glycine max (L.) Merrill) menggunakan scanning electron microscope (SEM). *Jurnal Pustaka Kesehatan.* 2(2): 258-262.
- Willianti, E. 2015. Pengaruh larutan fluoride terhadap aktivitas amilase saliva. *Jurnal Ilmiah Kedokteran.* 4(2): 54-66.
- Wiryani, M., Sujatmiko, B., Bikarindrasari, R. 2016. Pengaruh lama aplikasi bahan remineralisasi casein phosphopeptide-amorphous calcium phosphate fluoride (CPP-ACPF) terhadap kekerasan email. *Maj Ked Gi Ind.* 2(3): 141-146.
- Yuanita, T., Zubaidah, N., Izha, M.A.R. 2020. Enamel hardness differences after topical application of theobromine gel and casein phosphopeptide-amorphous calcium phosphate. *Conservative Dentistry Journal.* 10(1): 5-8.
- Yuniarti., Achadiyani., Murniati, N. 2016. Penggunaan pemutih gigi mengandung hidrogen peroksida 40% dibanding dengan strawberry (*Fragaria X ananassa*) terhadap ketebalan email, kadar kalsium, dan kekuatan tekan gigi. *Global Medical and Health Communication.* 4(1): 7-15.