

DAFTAR PUSTAKA

- Anoop Dwivedi, Tripti Tikku, Rohit Khanna, Rana Pratap Maurya, Geeta Verma, R. C. Murthy. Release of nickel and chromium ions in the saliva of patients with fixed orthodontic appliance: An in- vivo study. National Journal of Maxillofacial Surgery. 2015
- Bardal E. Corrosion and Protection. United Stated of America: Springer-Verlag London Limited; 2004. Chapter 1, Introduction; p.14.
- Bilgic F, Gelgor IE, Celebi AA. (2015). Malocclusion Prevalence and Orthodontic Treatment Need in Central Anatolian Adolescents Compared to European and Other Nation's Adolescents. Dental Press J Orthod, 75- 81.
- Carpenter GH. The secretion, components, and properties of saliva. Annual Review of Food Science and Technology. 2013;4:267-276
- Cempel, M. & Nikel, G., 2006. Polish J. of Environ. Stud. *Nickel: A Review of its Sources and Environmental Toxicology*, Volume 15, pp. 375-382.
- Danaei SM, Safavi A, Roeinpeikar SM, Oshagh M, Iranpour S, Omidkhoda M. Ion release from orthodontic brackets in 3 mouthwashes: an in-vitro study. Am J Orthod Dentofacial Orthop. 2011 Jun;139(6):730-4.
- Fabian TK, Hermann P, Beck A, Fejerdy P, Fabian G. Salivary defense proteins: Their network and role in innate and acquired oral immunity. International Journal of Molecular Sciences. 2012;13(4):4295-4320
- Fors, R., Stenberg, B., Stenlund, H., Persson, M., 2012. Nickel allergy in relation to piercing and orthodontic appliances—a population study. Contact Dermatitis 67, 342–350.
- Graziella L. T, Antarinia C, Daniela P, Mariana C. 2019. Study of electrochemical corrosion of biocompatible Co–Cr and Ni–Cr dental alloys in artificial saliva. Influence of pH of the solution. Materials Chemistry and Physics (233)390–398.
- Grimsdottir, M.R., Gjerdet, N.R., Pettersen, A.H., 1992, Composition and In Vitro Corrosion Of Orthodontic Appliances, Am. J. Orthod. Dentofac. Orthop.,101 (6): 525-532
- House K, Sernetz F, Dymock D, Sandy JR, Ireland AJ. Corrosion of orthodontic appliances—should we care? AmJ Orthod Dentofacial Ortho. 2008;133(4): 584-592.
- Ida Bagus Narmada, Natalya Tanri Sudarno, Achmad Sjafei, and Yuli Setiyorini. The influence of artificial salivary pH on nickel ion release and the surface morphology of stainless bracket-nickel-titanium archwire combinations. Dental Journal. 2017

- Kameda, T., Oda, H., Ohkuma, K., Sano, N., Batbayar, N., Terashima, Y., Sato, S., & Terada, K. (2014). Microbiologically Influenced Corrosion Of Orthodontic MetalicAppliances. *Dental Material Journal*, 33(2): 1-9.
- Katic, V., Curkovic, L., Bosnjak, M.U., Peros, K., Mandic, D., Spalj, S., 2017. Effect of pH, fluoride and hydrofluoric acid concentration on ion release from NiTi wires with various coatings. *Dent. Mater. J.* 36, 149–156.
- Kristianingsih R, Joelijanto R, Praharani D. (2014). Analisis Pelepasan Ion Ni dan Cr Kawat Ortodonti Stainless yang Direndam dalam Minuman Berkarbonasi [Artikel Ilmiah Hasil Penelitian Mahasiswa]. Jember: Fakultas Kedokteran Gigi UNEJ.
- Kumar B, Kashyap N, Avinash A, Chevvuri R, Sagar MK, Shrikant K. The composition, function and role of saliva in maintaining oral health: A review. *International Journal of Contemporary Dental and Medical Reviews*. 2017;2017:1-6
- Lin MC, Lin SC, Lee TH, Huang HH. Surface Analysis and Corrosion Resistance of Different Stainless Orthodontic Brackets In Artificial Saliva Angle Orthod 2006; 76:322-29.
- Lombo, C. G., Anindita, P. S., & Juliatri. (2016). Uji pelepasan ion nikel dan kromium pada beberapa braket stainless yang direndam di air laut. *Jurnal e-GiGi*, 4(1): 28-32.
- Marlisa, W., Setyawan, H., Saraswati, L. D.& Sakundarno, M., 2017. *Jurnal Kesehatan Masyarakat. Perbedaan Skor Plak Gigi, Ph Saliva, Dan Status Oral Hygiene Pada Pemakai Dan BukanPemakai Alat Ortodonti Cekat*, Volume 5.
- Mikulewicz M, Chojnacka K, Wozniak B, Downarowicz P. Release of metal ions from orthodontic appliances: An *in vitro* study. *Biol Trace Elem Res* 2014;146:272-80.
- Mikulewicz M, Chojnacka K. Release of metal ions from orthodontic appliances by *in vitro* studies: a systematic literature review. *Biol Trace Elem Res* 2011;139:241–56.
- Minanga, M. A., Anindita, P. S., & Juliatri. (2016). Pelepasan Ion Nikel Dan Kromium Braket Ortodonti Stainless Yang Direndam Dalam Obat Kumur. *Pharmacon Jurnal Ilmiah Farmasi*, 5(1): 135-141.
- Mitchell, Laura. *An Introduction of Orthodontics*. 4th ed. Oxford University Press. 2013.17
- Mortazavia M.J, , Maryam P, Iman K , Mahsa E. 2018 Effect of radiofrequency electromagnetic fields (RF-EMFS) from mobile phones on nickel release from orthodontic brackets: An *in vitro* study *International Orthodontics* 2018 ; X : 1-9

- Nanjannawar LG, Girme TS, Agrawal JM, *et al.* Effect of mobile phone usage on nickel ions release and pH of saliva in patients undergoing fixed orthodontic treatment. *J ClinDiagn Res* 2017;11:84–7
- Neama ZT. Nickel and Chromium Ions Levels In Saliva Of Patients With Fixed Orthodontic Appliances. *Medical Journal of Babylon*. 2014;11(3):558.
- Oh KT, Choo SU, Kim KM, Kim KN. 2005. A stainless bracket for orthodontic application. *Eur J Orthod*. 27(3):237- 244.
- Rasyid, N. I., Pudyani, P. S., & Heryumanji, J. (2014). The release of nickel and chromium ions from Australian wire and stainless in artificial saliva. *Dental Journal*, 47(3): 168-172. .
- S. M. B. Respati, Bahan Biomaterial Stainless Dan Keramik. *Jurnal Momentum*. Vol.6, No.1, April2010:5-8
- Saghiri MA, Orangi J, Asatourian A, Mehriar P, Sheibani N. Effect of mobile phone use on metal ion release from fixed orthodontic appliances. *Am J Orthod Dentofacial Orthop* 2015;147:719–24.
- Sfondrini MF *et al.* Chromium Release from New Stainless, Recycled and Nickel-free Orthodontic Bracket. *Angle Orthod* 2010;79:361-367.
- Siwy CJ, Tendean LEN, Anindita P. 2015. Uji Pelepasan Logam Kromium (Cr) dan Nikel (Ni) Beberapa Merek Braket Stainless dalam Cairan Saliva Artifisial. *J e-Gigi*. 3(2):1-5.
- Zhang CZ, Cheng XQ , Li JY, Zhang P, Yi P, Xu X, *et al.* saliva in the diagnosis of diseases. *International Journal of Oral Science*. 2016;8(3):133-137 [13]
- Ziebowics A, Walke W, Barucha-Kepka A, Kiel M. Corrosion behavior of metallic biomaterials used as orthodontic wires. *Journal AMME*. 2008; 27(2): 151 – 2.
- Zinelis S, Sifakakis I, Katsaros C, Eliades T. Microstructural and mechanical characterization of contemporary lingual orthodontic brackets. *Eur J Orthod* 2014;36:389-93.