

## DAFTAR PUSTAKA

- [1] L. S. Devi, A. P. Bagian, I. Ortodontia, F. Kedokteran, and G. Universitas Jember, “Corrosion Rate of Titanium Orthodontic Wire After Immersion in Artificial Saliva,” *Stomatognathic*, vol. 7, no. 1, pp. 56–61, 2010.
- [2] V. R. Graber Thomas M. and L.Jr., *Orthodontics Current Principles and Techniques*, vol. 3th ed. Missouri: Mosby In. St Louis, 2000.
- [3] L. Gyu-Sun, “Effects of Heat Treatment on Mechanical Properties of Stainless Steel Wire,” *Met. Sci. Heat Treat.*, vol. 4, no. 13, pp. 197–202, 2017, doi: 10.1007/s11041-010-9288-4.
- [4] F. O. Neves, T. L. L. Oliveira, D. U. Braga, and A. S. C. Da Silva, “Influence of heat treatment on residual stress in cold-forged parts,” *Adv. Mater. Sci. Eng.*, vol. 2014, 2014, doi: 10.1155/2014/658679.
- [5] I. Wirasatyawan, W. Ardhana, and D. Karunia, “Pengaruh Penggunaan Air Polisher dan Jenis Kawat Terhadap Daya Lenting Kawat Busur Ortodontik Setelah Direndam Dalam Saliva Buatan,” *J Ked Gi*, vol. 6, no. 4, pp. 347–353, 2015.
- [6] Siswanto, P. IWS, and S. Supartitri, “Perbandingan gaya friksi kawat SS sebelum dan setelah perendaan dalam saliva buatan pada periode waktu yang berbeda ( Studi Laboratoris In Vitro ),” *Perbandingan Gaya Friksi Kawat Stainl. Steel*, vol. 4, pp. 136–141, 2013.
- [7] K. Steel, “Negara dengan Angka Produksi Baja Terbesar di Dunia,” *kpssteel.com*, 2020. <https://kpssteel.com> (accessed May 10, 2020).
- [8] A. Prasanti and O. Santosa, “Perbedaan Indeks Periodontal Dan Skor Pembesaran Gingiva Kelompok Pemakai Dan Bukan Pemakai Pesawat Ortodonti Cekat,” *J. Kedokt. Diponegoro*, vol. 5, no. 1, pp. 1–8, 2016.
- [9] H. Sulandjari, “Buku Ajar Ortodontia 1 KGO 1,” *Fak. Kedokt. Gigi UGM*, pp. 52–77, 2008.
- [10] R. Yulianti, “Tinjauan Yuridis dalam Pelayanan Kesehatan Gigi dan Mulut (Studi di Rumah Sakit Umum Daerah Dr. H. Abdul Moeloek),” 2014.
- [11] W. Ardhana, “Materi Kuliah Ortodontia I Alat Ortodontik Lepasan,” 2011, pp. 1–39.

- [12] H. Schein Orthodontics, “HSO Catalog – G – Archwires,” *HenryScheinOrtho.com*, pp. 1–40.
- [13] A. I. Djais, “Berbagai Jenis Splint untuk mengurangi Kegoyangan Gigi sebagai Perawatan Penunjang Pasien Penyakit Periodontal,” *J. Dentomaxillofacial Sci.*, vol. 10, no. 2, pp. 124–127, 2011.
- [14] S. Prayitno, “Penatalaksanaan Gigi Goyang Akibat Kelainan Jaringan Periodonsium,” *Cermin Dunia Kedokt.*, vol. 115, pp. 56–60, 1997.
- [15] G. DA Everett FO, “Othans Periodontics: Aconcept, Theory and Practice,” in *Othans Periodontics*, 4th Ed., St Louis: Mosby In, 1972, pp. 657–672.
- [16] T. B. Bjorn U. Zachrisson, “Bonding in orthodontics. Introduction,” in *L'Orthodontie française*, vol. 80, no. 2, 2009, pp. 579–659.
- [17] W. Ardhana, “Identifikasi Perawatan Ortodontik Spesialistik dan Umum,” *Maj. Kedokt. Gigi Indones.*, vol. 20, no. 1, p. 1, 2013.
- [18] “An Introduction to Orthodontics, 2nd Edition,” *doctorlib.info*. <https://doctorlib.info/orthodontics/introduction/17.html> (accessed May 01, 2020).
- [19] T. Newson, “Stainless Steel - A Family of Medical Device Materials,” *Bus. Brief. Med. Device Manuf. Technol.*, no. 44, 2002.
- [20] V. Geantă, I. Voiculescu, R. Stefănoiu, and E. R. Rusu, “Stainless steels with biocompatible properties for medical devices,” *Key Eng. Mater.*, vol. 583, pp. 9–15, 2014.
- [21] M. F. Sfondrini *et al.*, “Chromium release from new stainless steel, recycled and nickel-free orthodontic brackets,” *Angle Orthod.*, vol. 79, no. 2, pp. 361–367, 2008.
- [22] D. D. S. Ronald W. Kohl, “Metallurgy In Orthodontics,” *Angle Orthod.*, vol. 34, no. 1, pp. 37–52, 2005.
- [23] T. P. Chaturvedi and S. N. Upadhyay, “An overview of orthodontic material degradation in oral cavity,” *Indian J. Dent. Res.*, vol. 21, no. 2, pp. 275–284, 2010.
- [24] E. W. Renfroe, *Edgewise*. Philadelphia: Lea & Febiger, 1975.
- [25] W. R. P. D. P. Henry W. Fields Jr. DDS MS MSD, *Contemporary Orthodontics*, 3rd Ed. St. Louis: Mosby Co., 2000.

- [26] H. S. Griffiths, M. Sherriff, and A. J. Ireland, “Resistance to sliding with 3 types of elastomeric modules,” *Am. J. Orthod. Dentofac. Orthop.*, vol. 127, no. 6, pp. 670–675, 2005.
- [27] A. Werner, “How It’s Made: Archwires,” *orthodonticproductsonline.com*, 2016. <https://orthodonticproductsonline.com/treatment-products/brackets-wires/wires/made-archwires/> (accessed Jul. 29, 2021).
- [28] W. D. Callister and J. Wiley, *Materials science and Engineering An Introduction*, vol. 208, no. 4442. 1980.
- [29] I. Mistakidis, N. Gkantidis, and Topouzelis Nikolaos, “Review of properties and clinical applications of orthodontic wires,” *Hell. Orthod. Rev.*, vol. 14, no. 1, pp. 45–66, 2011.
- [30] H. K. D. Mms. Jeffery W. Johnson DDS MS, “Corrosion of stainless steel, nickel-titanium, coated nikel-titanium, and titanium orthodontic wires,” *Angle Orthod.*, vol. 9, no. 1, pp. 68–70, 1999.
- [31] E. Dionicio Padilla, “Aplicaciones De Los Aceros Inoxidables,” *Rev. del Inst. Investig. la Fac. Ing. Geológica, Minera, Metal. y Geográfica*, vol. 2, no. 3, pp. 11–22, 1999.
- [32] A. Kocijan and M. Conradi, “The corrosion behaviour of austenitic and duplex stainless steels in artificial body fluids,” *Mater. Tehnol.*, vol. 44, no. 1, pp. 21–24, 2010.
- [33] W. A. Brantley and T. Eliades, *Orthodontic Materials: Scientific and Clinical Aspects*. Stuttgart: Thieme, 2001.
- [34] R. S. De Biasi, A. C. O. Ruela, C. N. Elias, and O. Chevitarese, “The Influence of heat treatment in orthodontic arches made of stainless steel wire,” *Mater. Res.*, vol. 3, no. 3, pp. 97–98, 2000.
- [35] W. Backofen and G. Gales, “The Low-Temperature Heat-Treatment of Stainless Steel for Orthodontics,” *Angle Orthod.*, vol. 21, no. 2, pp. 117–124, 1377.
- [36] A. C. Funk D.D.S, “The Heat-Treatment of Stainless Steel,” *Angle Orthod.*, vol. 21, no. 3, pp. 129–138, 1951.
- [37] C. H. Ingerslev D.D.S, “Influence of Heat Treatment on the Physical Properties of Bent Orthodontic Wire,” *Angle Orthod.*, vol. 36, no. 3, pp.

- 236–247, 1966.
- [38] P. Iskandar and N. A. Ismaniati, “Peran prostaglandin pada pergerakan gigi ortodontik,” *J. Dentomaxillofacial Sci.*, vol. 9, no. 2, p. 92, 2010.
- [39] S. Triaminingsih, “Pengaruh Perlakuan Panas Pada Sifat Mekanis Kawat Ortodonti Jenis Baja Tahan Karat,” *J. Kedokt. Gigi Univ. Indones.*, vol. 3, no. 3, pp. 99–104, 1996.
- [40] S. Sulastri, *Bahan Ajar Keperawatan Gigi: Dental Material*. 2017.
- [41] W. Brantley and S. B., “Heat Treatment of Dental Alloys: A Review,” *Metall. - Adv. Mater. Process.*, pp. 1–18, 2012, doi: 10.5772/52398.
- [42] W. A. Brantley, “Orthodontic Wires,” *pocketdentistry.com*, 2001.  
<https://pocketdentistry.com/4-orthodontic-wires/>.
- [43] C. Lei, X. Deng, X. Li, Z. Wang, G. Wang, and R. D. K. Misra, “Mechanical properties and strain hardening behavior of phase reversion-induced nano/ultrafine Fe-17Cr-6Ni austenitic structure steel,” *J. Alloys Compd.*, vol. 689, no. August 2017, pp. 718–725, 2016, doi: 10.1016/j.jallcom.2016.08.020.
- [44] S. Arango Santander and C. M. Luna Ossa, “Stainless Steel: Material Facts for the Orthodontic Practitioner,” *Rev. Nac. Odontol.*, vol. 11, no. 20, 2015, doi: 10.16925/od.v11i20.751.
- [45] S. E. Khier, W. A. Brantley, and R. A. Fournelle, “Structure and mechanical properties of as-received and heat-treated stainless steel orthodontic wires,” *Am. J. Orthod. Dentofac. Orthop.*, vol. 93, no. 3, pp. 206–212, 1988, doi: 10.1016/S0889-5406(88)80005-2.
- [46] V. Geanta, I. Voiculescu, R. Stefănoiu, and E. R. Rusu, “Stainless steels with biocompatible properties for medical devices,” *Key Eng. Mater.*, vol. 583, no. July 2019, pp. 9–15, 2014, doi: 10.4028/www.scientific.net/KEM.583.9.
- [47] S. Kirono, E. Diniardi, and I. Prasetyo, “Analisa Perubahan Dimensi Baja AISI 1045 Setelah Proses Perlakuan Panas (Heat Treatment),” *SINTEK J. J. Ilm. Tek. Mesin*, pp. 1–11, 2010.