

DAFTAR PUSTAKA

- Aksakalli, S., Malkoc, S., 2013, Esthetic orthodontic archwires: Literature review, *J Orthod Res*, 1(1): 2-4.
- Alavi, S., Hosseini, N., 2012, Load-deflection and surface properties of coated and conventional superelastic orthodontic archwires in conventional and metal-insert ceramic brackets, *Dent Res J*, 9(2): 133-138.
- Bartzela, T.N., Senn, C., Wichelhaus, A., 2007, Load-Deflection characteristics of superelastic nikel-titanium wires, *Angle Orthod*, 77(6): 991-998.
- Bhalajhi, S.I., 2006, *Orthodontics The Art and Science*, 3rd ed, New Delhi, Arya (MEDI) Publishing House, pp. 1-6.
- Burstone, C.J., Liebler, S.A.H., Goldberg, A.J., 2011, Polyphenylene polymers as esthetic orthodontic archwires, *Am J Orthod Dentofacial Orthop*, 139: e391-e398.
- Carpenter, B.G., 2014, Effect of topical fluoride prophylactic agents on the mechanical properties of orthodontic nickel-titanium closed coil springs and stainless steel closed coil springs, *Thesis*, University of Missouri-Kansas, Missouri.
- Da Silva, D.L., Mattos, C.T., Simao, R.A., Ruellas, A.C.O., 2013, Coating stability and surface characteristics of esthetic orthodontic coated archwires, *Angle Orthod*, 83(6): 994-1001.
- Elayyan, F., Silikas, N., Bearn, D., 2008, Ex vivo surface and mechanical properties of coated orthodontic archwires, *Eur J Orthod*, 30: 661-667.
- Elayyan, F., Silikas, N., Bearn, D., 2010, Mechanical properties of coated superelastic archwires in conventional and self-ligating orthodontic brackets, *Am J Orthod Dentofacial Orthop*, 137(2): 213-217.
- Farronato, G., Maijer, R., Caria, M.P., Esposito, L., Alberzoni, D., Cacciatore, G., 2012, The effect of teflon coating on the resistance to sliding of orthodontic archwires, *Eur J Orthod*, 34: 410-417.
- Fernandes, D.J., Peres, R.V., Mendes, A.M., Elias, C.N., 2011, Understanding the shape-memory alloys used in orthodontics, *ISRN Dentistry*, 2011:1-6
- Ferreira, M.A., Luersen, M.A., Borges, P.C., 2012, Nickel-titanium alloys: A systematic review, *Dental Press J Orthod*, 17(3): 71-82
- Feu, D., Catharino, F., Duplat, C.B., Capelli Junior, J., 2012, Esthetic perception and economic value of orthodontic appliances by lay Brazilian adults, *Dental Press J Orthod*, 17(5): 102-114.
- Gatto, E., Matarese, G., Bella, G., Nucera, R., Borsellino, C., Cordasso, G., 2011, Load-defelction characteristics of superelastic and thermal nickel-titanium wires, *Eur J Orthod*; 1-9.

- Goldberg, A.J., Burstone, C.J., 1992, The use of continuous fiber reinforcement in dentistry, *Dent Mater*, 8: 197-202.
- Gurgel, J.A., Kerr, S., Powers, J.M., LeCrone, V., 2001, Force-deflection properties of superelastic nickel-titanium archwires, *Am J Orthod Dentofacial Orthop*, 120:378-382.
- Hanyuda, A., Nagasaka, S., Yoshida, T., 2006, Long-term time effect on loading-deflection characteristics of orthodontic wires, *Orthodontic Waves*, 65:155-60.
- Haryani, J., Ranabhatt, R., 2016, Contemporary esthetic orthodontic archwires – A review, *Dent Mater Tech*, 5(3): 125-130.
- Husmann, P., Bourauel, C., Wessinger, M., Jager, A., 2002, The frictional behavior of coated guiding archwires, *J Orofac Orthop*, 63: 199-211.
- Iijima, M., Muguruma, T., Brantley, W.A., Choe, H.C., Nakagaki, S., Alapati, S.B., Mizoguchi, I., 2012, Effect of coating on properties of esthetic orthodontic nickel-titanium wires, *Angle Orthod*, 82(2): 319-25.
- International Organization for Standardization, 2014, Dentistry wires for use in orthodontics, ISO 15841, www.iso.org.
- Kapila, S., Sachdeva, R., 1989, Mechanical properties and clinical applications of orthodontic wires, *Am J Orthod Dentofacial Orthop*, 96: 100-109.
- Karad, A., 2014, *Clinical Orthodontics: Current Concepts, Goals, and Mechanics*, St. Louis, Elsevier Health Sciences. 341-7.
- Khamatkar, A., 2015, Ideal properties of orthodontic wires and their clinical implications – A review, *IOSR-JDMS*, 14(1): 47-50.
- Khatri, J.M., Mehta, V.P., 2014, Evaluation of force deflection properties of various types of initial orthodontic archwires. *J Indian Orthod Society*; 48(4):309-312.
- Kravitz, N.D., 2013, The evolution of aesthetic archwires to meet patient demands for invisible labial treatment, <https://www.rmortho.com/wp-content/uploads/2013/08/ortho-products-arch-wire-article-dr-kravitz.pdf> diunduh tanggal 21 Desember 2017.
- Krishnan, V., Kumar, J., 2004, Mechanical properties and surface characteristics of three archwire alloys, *Angle Orthod*, 74(6): 825-831.
- Kusy, R.P., 1997, A review of contemporary archwires: Their properties and characteristic. *Angle Orthod*, 67(3): 197-208.
- Miura, F., Mogi, M., Ohura, Y., Hamanaka, H., 1986, The superelastic property of Japanese NiTi alloy wire for use in orthodontics, *Am J Orthod Dentofacial Orthop*, 90:1-10.
- Muraviev, S.E., Ospanova, G.B., Shyakhova, M.Y., 2001, Estimation of force produced by nickel-titanium superelastic archwires at large deflections, *Am J Orthod Dentofacial Orthop*, 119:604-609.

- Pachi, F., Turla, R., Checchi, A.P., 2009, Head Posture and Lower Arch Dental Crowding, *Angle Orthod*, 79:873-879.
- Parvizi, F. dan Rock, W.P., 2003, The load deflection characteristic of thermally activated orthodontic archwires, *Eur J Orthod*, 4:417-421
- Ponciano FAS, Gutierrez-Rojo MF, Gutierrez-Rojo JF. 2016, Crowding severity associated with dental mass. *Revista Mexicana de Ortodoncia*, 4(3):163-165
- Proffit, W.R., 2007, Contemporary orthodontics, 4th ed, St. Louis, Mosby Elsevier, h. 1-23.
- Quintao, C.C.A., Brunharo, I.H.V., 2009, Orthodontic wires: Knowledge ensures clinical optimization, *Dental Press J Orthod*, 14(6):144-157.
- Rahim, Z.H.A., Fathilah, A.R., Irwan, S., Hasnor, W.N., 2008, An artificial mouth system (NAM system) for oral biofilm research, *Res J of Microbiol*, 3: 466-473.
- Roloff, J., 2015, Influence of fluoride and stress on the mechanical properties of nickel-titanium coils, *Thesis*, Marquette University, Wisconsin.
- Rongo, R., Ametrano, G., Gloria, A., Spagnulo, G., Galeotti, S.P., Valletta, R., D'Anto, V., 2014, Effects of intraoral aging on surface properties of coated nickel-titanium archwires, *Angle Orthod*, 84(40): 665-672.
- Russell, J.S., 2005, Aesthetic orthodontic brackets, *J Orthod*, 32: 146-163.
- Singh, D.P., 2016, Esthetic Archwires in Orthodontics- A Review, *Oral Hyg Health*, 4(1): 1-4.
- Singh, G., 2007, *Textbook of Orthodontics*, 2nd ed, New Delhi, Jaypee Brothers Medical Publishers, pp. 3-6.
- Stumpf, A.S.G., Mundstock, K.S., Mundstock, D., Mundstock, C.A., 2012, In-vitro force delivery of nickel-titanium superelastic archwires in vertical displacement, *Dental Press J Orthod*, 17(6):26-30.
- Suyatno, 2010, Menghitung besar sampel penelitian, <http://suyatno.blog.undip.ac.id/files/2010/05/MenghitungBesarSampelPenelitian.pdf>. Diunduh tanggal 27 Desember 2017.
- Wang, Y., Jian, F., Lai, W., Zhao, Z., Yang, Z., Liao, Z., Wu, T., Millet, D.T., McIntyre, G.T., Hickman, J., 2010, *Initial archwire for alignment of crooked teeth with orthodontic braces (Review)*, The Cochrane Collaboration, John Wiley & Sons Ltd. 43-76.
- Washington, B., Evans, C.A., Viana, G., Bedran-Russo, A., Megremis, S., 2015, Contemporary esthetic nickel-titanium wires: Do they deliver the same force?, *Angle Orthod*, 85(1): 95-101.
- Wilkinson, P.D., Dysart, P.S., Hood, J.A., Herbinson, G.P., 2002, Load-deflection characteristics of superelastic nickel-titanium orthodontic wires, *Am J Orthod Dentofacial Orthop*, 121: 483-495.

Yitschaky, O., Neuhol, M.S., Yitschaky, M., Zini, A., 2016, Relationship between dental crowding and mandibular incisor proclination during orthodontic treatment without extraction of permanent mandibular teeth, *Angle Orthod*, 86(5): 727-733.