

DAFTAR PUSTAKA

- Anusavice, K.J., 2003, *Phillips' Science of Dental Materials*, Edisi ke 11, WB Saunders, St.Louis, Missouri, h.192-226
- Anusavice, Kenneth J., Ralph W. Phillips, Chiayi Shen, and H. Ralph Rawls, 2013, *Phillips' Science of Dental Materials*, Mosby: Elsevier/Saunders, St. Louis, h. 93-110
- Asopa, Vipul, dkk, 2015, A comparative evaluation of properties of zirconia reinforced high impact acrylic resin with that of high impact acrylic resin, *The Saudi Journal for Dental Reserch*, h 146- 151
- Barbosa, D.B., Souza, R.F.D., Pero, A.C., Marra, J., dan Compagnoni, M.A., 2007, flexural strength of acrylic resins polymerized by different cycles, *J. Appl. Oral Sci.*, 15(5):424-8.
- Bona, D.B., Pecho, Oscar, E., Alessandretta, A., 2015, Zirconia as dental biomaterial, 8 : 4978-4991.
- Budiharjo, Adrianto., Wahyuningtyas, Endang., Sugiarno, Erwan., 2014, Pengaruh lama pemanasan pasca polimerisasi dengan *microwave* terhadap monomer sisa dan kekuatan transversa pada reparasi plat gigi tiruan resin akrilik, *J Ked Gigi*, 5(2) : 1-13.
- Combe, E.C., dan Grant, A.A., 1992, *Notes of Dental Material*, Edisi ke 6, Churshill Livingstone Edenberg, h 79-120.
- Craig, R.G., 2002, *Restorative Dental Material*, 11th ed, New York: Churchill Livingstone Edinburg, P: 25-195.
- Dahar, Eddy., Handayani, Sri., 2017, Pengaruh penambahan *zirconium Oksida* pada bahan Basis Gigi Tiruan Resin Akrilik Polimerisasi Panas Terhadap Kekuatan Impak Dan Transversal, Medan, *Jurnal Ilmiah Pannmed*, 12(2), h. 194-199.

- Darvell, B.W., 2009, *Materials Science for Dentistry*, Woodhead Publishing Limited and CRC Press LLC, Cambridge, 9 th edition, h.78-79.
- Das, A., 2009, *Microwave Engineering*, Tata McGraw-Hill, India, edisi ke 2h.4-50.
- Gad M, ArRejaie AS, Rahoma A. 2016, The reinforcement effect of *nano zirconia* on the transverse strength of repaired acrylic denture base, *Hindawi Publishing Corporation Int J Dentistry*, ;1-6.
- Gad M, ArRejaie AS, Rahoma, Al-Thobity, 2016. Influence of incorporation of Zro2 nanoparticles on the repair strength of polymethyl methacrylate denture bases, *Internasional Journal of Nanomedicine*. 11: 5633-5643.
- Gad M, ArRejaie AS, Rahoma, Al-Thobity, dkk, 2018. Effect of zirconium oxide nanoparticles addition on the optical and tensile properties of polymethyl methacrylate denture base material. 13: 283-292
- Ghahremani, L., Shirkavand, S., dkk, 2017. Tensile strength and impact strength of color modified acrylic resin reinforced with titanium dioxide nanoparticles, Iran, *J Clin Exp Dent*, 9 (5): 661-665.
- Goyal, S., 2006, Silanes : Chemistry and application, *J. Indian Prosthodont. Soc.*, Vol.6(1):14-18.
- Gunadi, H.A., Margo,A., Burhan, L.K., Suryatenggara, F., dan Setiabudi, L., 1995, *Buku Ajar Ilmu Geligi Tiruan Sebagian Lepasan*, Jilid 1, Cetakan II, Hipokrates, Jakarta, h.379-390.
- Ihab, N.S., Moudhaffar MA., 2011, Evaluation the effect of modified nano *fillers* addition on some properties of heat cured acrylic denture base material. *J Bagh College Dent*. 23(3):29-23.
- Jehuda L., Krista V. S., Damayanti H.C.P., 2017, Pola kehilangan gigi pada pasien gigi tiruan sebagian lepasan di rumah sakit gigi dan mulut program studi pendidikan dokter gigi dan mulut fakultas universitas sam ratulangi, *J kedok klinik* 1 (3) hal. 1 - 8.
- Juwita, Annete., Widianingsih., Prabowo, Bayu, Puguh., 2018, Perbedaan Kekuatan Impak Pada Bahan Resin Akrilik *Self Cured* dengan Penambahan *Zirconium Dioxide* (Zro2) Nanopartikel, Surabaya, *Jurnal Denta*, 12(1): 51-58
- Koudi, M.S., Patil, S.B., 2007, Prep manual for undergraduates dental materials, *Elsevier*, h 12.

- Loney, R.W 2011, *Removable Partial Dentur Manual*, Dalhousie University, Halifax.
- Madhusudhana,R.(2014).Syntesis and Characterization of *Zirconia (ZrO₂)* by simple sol gel Route. *International Journal of Advanced Research*, 2 (4) : 433-437.
- Mahajan, H., Candu, G.S., Mishara., S.K., 2014, An *in vitro* study of the effect of design of repair surface on the transverse strength of repaired acrylic resin using autopolymerizing resin, *Nigerian Journal of Clinical Practice*, 17(1): 38-42.
- Mulyadi, 2016, Pengaruh model specimen uji tarik pada pengelasan besi fc-30 di lihat dari kekuatan tarik pengelasan, *R.E.M jurnal*, 1 (2) : 29-36.
- McCabe, J.F., dan Walls, A.W.G., 2008, *Applied Dental Materials*, Edisi ke 9,Blackwell, United Kingdom, h.5-3;101-123.
- Nagai, Eiichi, 2001, Repair of Denture Base Resin Using Woven Metal and Glass Fiber: Effect of Methylen Chloride Pretreatment, *J.Prosthet.Dent.*, 85: 496-500.
- Nirwana, I., 2005, Kekuatan Transversa Resin Akrilik Hybrid Setelah Penambahan Glass Fiber dengan Metode Berbeda, *Dental journal. (majalah kedokteran Gigi)*,38 (1)
- Patil, P.S., Chowdhary, R., Mandokar, R.B., 2009, Effect of microwave postpolymerization treatment on residual monomer content and the flexural strenght of autopolymerizing reline resin, *Indian J Dent Res*,20 (3) : 293-297.
- Sakaguchi, R.L., dan Powers J.M., 2012, *Craigs Restorative Dental Material*, 13th Ed, Philadelphia, Mosby Elsevier Inc, pp. 191-192, 327-348, 524-544
- Pozar, D.M., 2012, *Microwave Engineering*,Edisi ke 4, JohnWiley and Sons, NewYork, h.1-41.
- Putri, A.Z., dan Ratnawulan, 2019. Analisis teoristik nanopartikel Zirkonium dioksida (ZrO₂), *Pillar of Physics*, 12(1): 70-76.
- Salim, Shrerman, 2011, The difference of acrylic resin residual monomer levels with various polymerization method, *Dental Journal*, 44(4) : 196-199
- Salman, T.A., dan Khalaf, H.A., 2015, The Influence of Adding of Modified ZrO₂-TiO₂ Nanoparticles on Certain Physical and Mechanical Properties of Heat Polymerized Acrylic Resin, *J. Bagh. Coll. Dent.*, 27(3):33-39.

Shakir, S., Jalil, H., Khan, M.A., Gayum, B., Qadeer, A., 2017, Causes And Types Of Denture Fractures — A Study. *Pakistan Oral & Dental Journal*. 37 (4): 634-637

Siddesh, C.S. dan Aras, M.A., 2008, In vitro evaluation of transverse strength of repaired heat cured denture base resins with and without surface chemical treatment. *The Journal of Indian Prosthodontic Society*. 8(2): 87-93

Stewart, M.A., Gladwin, M., dan Bagby, M., 2013, *Clinical Aspects of Dental Materials : Theory, Practice and Cases*, Edisi ke 4, Lippincott Williams & Wilkins, Philadelphia, h.153-5..

Van Noort, R., 2013, *Introduction to Dental Materials*, Edisi ke 4, Mosby Company, St.Louis, h.58,74-76.