

## DAFTAR PUSTAKA

- Alzraikat, H., Burrow, M.F., Maghaireh, G.A., dan Taha, N.A., (2018) Nanofilled Resin Composite Properties dan Clinical Performance: A Review, *Operative dentistry*, 43(4):E173–E190.
- Ariyani F dan Anindhita M., (2021) The effect of drying time of silane coupling agent on the hardness of fiber-reinforced composite for dental applications. *J Med Chem Sci*, 5:335-40.
- Broitman, E., (2016) Indentation Hardness Measurements at Macro-, Micro-, and Nanoscale: A Critical Overview. *Tribol Lett.* 65(23): 1-18.
- Callister, W.D.Jr. dan Rethwisch, D.G., (2018) *Materials Science and Engineering: An Introduction. 10th ed.* Hoboken, New Jersey: Wiley.
- Chen, F., Sun, L., Luo, H., Yu, P., dan Lian, J., (2023) Influence of filler types on wear and surface hardness of composite resin restorations, *Journal of Applied Biomaterials and Functional Materials*, 21.
- Chun, K.J., Kim, C.Y. dan Lee, J.Y., (2016) Mechanical behaviors of enamel, dentin, and dental restorative materials by three-point bending test, *Dental Oral and Craniofacial Research*, 2(4):309-312.
- Comba, A., Scotti, N., Maravić, T., Mazzoni, A., Carossa, M., Breschi, L. dan Cadenaro, M., (2020) Vickers hardness and shrinkage stress evaluation of low and high viscosity bulk-fill resin composite, *Polymers*, 12(7):1477.
- Dias MF, Espíndola-Castro LF, Lins-Filho PC, Teixeira HM, Silva CH dan Guimarães RP., (2020) Influence of different thermopolymerization methods on composite resin microhardness. *J Clin Exp Dent*, 12(4): e335–e341.
- Daniel, W. W. dan Cross, C. L., (2019) *Biostatistics A Foundation for Analysis in Health Sciences*. 11th ed. John Wiley & Sons. USA. pp. 169–170.
- Garg, N., dan Garg, A., (2020) *Textbook of Operative Dentistry*. 4th ed. New Delhi, India: Jaypee Brothers Medical. p. 293.
- Hatrack, C. D., dan Eakle, W. S., (2016) *Dental materials Clinical Applications for Dental Assistants and Dental Hygenists. 3<sup>rd</sup> ed.* Elsevier. St. Louis. Missouri. p. 225
- Hexa dental, (2024) ‘PT. Hexa Dental Indonesia Dental Material Manufacture’, <https://hexadentalindonesia.web.indotrading.com> (diakses pada 19 Maret 2025)
- Islam, M.S., Nassar, M., Elsayed, M. A., Jameel, D. B., Ahmad, T.T., dan Rahman, M.M., (2023) In Vitro Optical and Physical Stability of Resin Composite Materials with Different Filler Characteristics. *Polymers*, 15(9);2121.

- Jalil, V., Arooj, Z., Hameedi, S., Tanveer, P., Fayyaz, F. dan Errum, A., (2021) Effect of Different Curing Modes on the Degree of Conversion and Vickers Microhardness of Commercial Composites. *Medical Forum Monthly*, 32(7).
- Karakaş, S.N., Turgut, H. and Küden, C., (2021) Comparison of Surface Roughness and Microhardness of Comparison of Surface Roughness and Microhardness of Reinforced Glass Ionomer Cements and Microhybrid Composite Reinforced Glass Ionomer Cements and Microhybrid Composite. *Journal of Dentistry Indonesia*, 28(3):12–31.
- Kundie, F., Azhari, C.H., Muchtar, A. dan Ahmad, Z.A., (2018) Effects of Filler Size on the Mechanical Properties of Polymer-filled Dental Composites: A Review of Recent Developments, *Journal of Physical Science*, 29(1):41–165.
- Laske, M., Opdam, N. J. M., Bronkhorst, E. M., Braspenning, J. C. C., van der Sdanen, W. J. M., Huysmans, M. C. D. N. J. M., dan Bruers, J. J., (2018) Minimally Invasive Intervention for Primary Caries Lesions: Are Dentists Implementing This Concept?, *Caries Research*, 53(2):hal. 204.
- Manappallil, J. J., (2016) *Basic Dental Materials*, 4th ed., Jaypee Brothers Medical Publishers, Philadelphia, p. 136.
- Marghalani, H., (2016) Resin-based dental composite materials. dalam *Handbook of bioceramics and biocomposites*, Springer International Publishing, pp. 357-405.
- Nair, S.R., S.R., Niranjana, N.T., Jayasheel, A. dan Suryakanth, D.B., (2017) Comparative Evaluation of Colour Stability dan Surface Hardness of Methacrylate Based Flowable dan Packable Composite -In vitro Study, *Journal of clinical dan diagnostic research : JCDR*, 11(3):ZC51–ZC54.
- Sakaguchi, R.L., Ferracane, J. dan Powers, J.M., (2019). *Craig's Restorative Dental Materials*. 14th ed. St. Louis: Elsevier Mosby pp. 43, 76, 135-136, 139, 142-145, 147-153.
- Shen, C., Rawls, H.R., dan Esquivel-Upshaw, J.F., (2022). *Phillips' Science of Dental Materials*. 13<sup>th</sup> ed. St. Louis: Elsevier. pp. 3, 6, 39, 65, 78-79, 87-90, 92-96, 99-101.
- Sunarintyas, S., Irnawati, D., dan Rinastiti, M., (2023) Impregnation of various fiber tapes toward mechanical properties of dental fiber-reinforced composites. *Majalah Kedokteran Gigi Indonesia*, 9(1):16-21
- Kementerian Kesehatan RI, (2023) Survei Kesehatan Indonesia (SKI). Jakarta: Badan Kebijakan Pembangunan Kesehatan.
- Xin, X., Yuan, Z., Wenyan., S., (2016) 'Biofilm and Dental Caries', in Zhou, X. (eds) *Dental caries: Principles and management*. 1st ed. Berlin, Heidelberg : Springer, pp. 27-58.

Wypych, G., (2016) *Handbook of Fillers*. 4th ed. Toronto: ChemTec Publishing.  
pp. 321-322

Zalega, M., Krasowski, M., Dawicka, O., Jasińska, A., Żabecka, A., Kałuża, P. dan  
Bociąg, K., (2025) The Preparation of Experimental Resin-Based Dental  
Composites Using Different Mixing Methods for the Filler and  
Matrix. *Processes*, 13(5), p.1332.