

DAFTAR PUSTAKA

- Ahmad, I., & Annisa. (2018). Mekanisme Fluor sebagai Kontrol Karies pada Gigi Anak. *Journal Of Indonesian Dental Association*, 1(1), pp. 63–69.
- Alwi, I. (2015). Kriteria Empirik dalam Menentukan Ukuran Sampel Pada Pengujian Hipotesis Statistika dan Analisis Butir. *Formatif: Jurnal Ilmiah Pendidikan MIPA*, 2(2), pp. 140–148.
- Anusavice, K. J., Shen, C., & Rawls, H. R. (2013). *Phillips' Science of Dental Materials*. p. 5.
- Bansal, R., & Bansal, T. (2015). A comparative evaluation of the amount of fluoride release and re-release after recharging from aesthetic restorative materials: An in vitro study. *Journal of Clinical and Diagnostic Research*, 9(8), pp. 11–14.
- Bhatia, K., Nayak, R., & Gijupalli, K. (2022). Comparative evaluation of a bioactive restorative material with resin modified glass ionomer for calcium-ion release and shear bond strength to dentin of primary teeth - An in vitro study. *Journal of Clinical Pediatric Dentistry*, 46(6), pp. 25–32.
- Carek, A., Dukaric, K., Miler, H., Marovic, D., Tarle, Z., & Par, M. (2022). Post-Cure Development of the Degree of Conversion and Mechanical Properties of Dual-Curing Resin Cements. *Polymers*, 14(17), pp. 1–13.
- Davis, H. B., Gwinner, F., Mitchell, J. C., & Ferracane, J. L. (2014). Ion release from, and fluoride recharge of a composite with a fluoride-containing bioactive glass. *Dental Materials*, 30(10), pp. 1187–1194.
- Dijken, J. W. V., Pallesen, U., & Benetti, A. (2019). A randomized controlled evaluation of posterior resin restorations of an altered resin modified glass-ionomer cement with claimed bioactivity. *Dental Materials*, 35(2), pp. 335–343.
- El-Bahrawy, E., & Attia, R. (2020). Fluoride Releasing Potential and Recharging Capacity of Different Bioactive Restorative Materials (A Comparative In-Vitro Study). *Egyptian Dental Journal*, 66(2), pp. 1295–1309.
- Eriwati, K., Yosi, Dhiaulfikri, M., & Herda, E. (2020). Effect of Salivary pH on Water Absorption and Solubility of Enhanced Resin- Modified Glass Ionomer Enhanced Resin- Modified Glass Ionomer. *Journal of Dentistry Indonesia*, 27(3), pp. 164–169.
- Fasya, N. M. (2024). Pelepasan Ion Fluor Resin Modified Glass Ionomer Cement dan Enhanced Resin Modified Glass Ionomer Cement dalam Simulated Body Fluid dengan Lama Perendaman Berbeda, p. 40
- Fredian, A. E., Setyorini, D., & Probosari, N. (2014). Efek Perendaman Bahan Fissure Sealant Semen Ionomer Kaca Pada Minuman Berkarbonasi Terhadap Pelepasan Fluor (The Effects of Immersion Material Glass Ionomer Cement Fissure Sealant on Carbonated Drinks to The Release of Fluoride Ions), *Pustaka Kesehatan*, 2(3), pp. 537–541.
- Garofalo, S., Giovagnoli, S., Orsoni, M., Starita, F., & Benassi, M. (2022). Interaction effect: Are you doing the right thing? *PLoS ONE*, 17(7 July), pp. 1–19.

- Halim, E. N., Samadi, K., & Kunarti, S. (2019). Efek Antibiofilm Glass Ionomer Cements dan Resin Modified Glass Ionomer Cements Terhadap *Lactobacillus acidophilus*. *Conservative Dentistry Journal*, 7(2), pp. 120-129.
- Hanifah, H. N., Hendrayanti, H., & Ratnasari, S. (2020). Analisis Kandungan Ion Fluorida pada Sampel Air Minum dalam Kemasan Secara Spektrofotometri Uv-Vis. *Jurnal Sabdariffarma*, 8(2), pp. 28-33.
- Hariyani, N., Spencer, A. J., Luzzi, L., Harford, J., Tan, H., Mejia, G., Roberts-Thomson, K., & Do, L. G. (2019). The prevalence and severity of root surface caries across Australian generations. *Community Dentistry and Oral Epidemiology*, 47(5), pp. 398–406.
- Indrawati, W., Hakim, R. J., Arisandi, R. F., Rahma, S., Sari, U., Studi, P., & Kimia, T. (2023). Pelatihan Pembuatan Larutan dengan Berbagai Konsentrasi di Pondok Pesantren Nurul Iman Parung. *Abdi Laksana: Jurnal Pengabdian Kepada Masyarakat* 4(2), pp. 371–376.
- Irpansyah, I., Diana, S., dan Azizah, A., (2020) Pengaruh Minuman Energi dan Susu Fermentasi Terhadap Pelepasan Ion Fosfat dan Fluor Resin Komposit Bioaktif. *Dentin Jurnal Kedokteran Gigi*. 4(3), pp. 116-121.
- Kazimierzczak, P., Wessely-Szponder, J., Palka, K., Barylyak, A., Zinchenko, V., & Przekora, A. (2023). Hydroxyapatite or Fluorapatite-Which Bioceramic is Better as a Base for the Production of Bone Scaffold?-A Comprehensive Comparative Study, *International Journal of Molecular Sciences*, 24, 5576, pp. 1-18.
- Koju, N., Sikder, P., Ren, Y., Zhou, H., & Bhaduri, S. B. (2017). Biomimetic coating technology for orthopedic implants. *Current Opinion in Chemical Engineering*, 15, pp. 49–55.
- Kosior, P., Dobrzynski, M., Zakrzewska, A., Diakowska, D., Nienartowicz, J., Blicharski, T., Nagel, S., Sikora, M., Wiglusz, K., Watras, A., & Wiglusz, R. J. (2022). Comparison of the Fluoride Ion Release from Composite and Compomer Materials under Varying pH Conditions—Preliminary In Vitro Study. *Applied Sciences (Switzerland)*, 12(24), pp. 2-13.
- Manappallil, J. J. (2016). *Basic Dental Material*. p. 107.
- Najib, C. A. M., & Nuzlia, C. (2020). Uji Kadar Flourida Pada Air Minum Dalam Kemasan (Amdk) Dan Air Sumur Secara Spektrofotometri Uv-Vis. *Amina*, 1(2), pp. 84–90.
- Mehta, V., Srivastava, N., Ali Chaudhry, S., & Rana, V. (2025). Comparative evaluation of fluoride release from different modifications of glass ionomer dental restorative material in primary teeth at different time intervals: An ex vivo study. *Journal of Oral Biology and Craniofacial Research*, 15(6), pp. 1224–1230.
- Mulyani, H., Nahzi, M. Y. I., & Diana, S. (2021). Perbandingan Kekuatan Geser Resin Komposit Bioaktif Antara Klorheksidin Diglukonat 2% dan NaOCl 5%+EDTA 17% sebagai Cavity Cleanser. *Dentin*, 5(2), pp. 92–97.
- Mushlih, M, dan Rosyidah, R. (2020). *Buku Ajar Mata Kuliah Statistika “Aplikasi di Dunia Kesehatan”*, 1st ed., Umsida Press, Sidoarjo, p. 48.

- Nagi, S. M., Moharam, L. M., & El Hoshy, A. Z. (2018). Fluoride release and recharge of enhanced resin modified glass ionomer at different time intervals. *Future Dental Journal*, 4(2), pp. 221–224.
- Natasya, E., Dauly, A. S., Ridwanto, R., & Rahayu, Y. P. (2023). Penetapan kadar flavonoid total ekstrak kayu raru (*Cotylelobium lanceolatum* Craib) berdasarkan perbedaan konsentrasi etanol dengan metode spektrofotometri Uv-Vis. *Journal of Pharmaceutical and Sciences*, 6(4), pp. 1804–1810.
- Omidi, B. R., Naeini, F. F., Dehghan, H., Tamiz, P., Savadroodbari, M. M., & Jabbarian, R. (2018). Microleakage of an Enhanced Resin-Modified Glass Ionomer Restorative Material in Primary Molars. *Journal of Dentistry (Tehran, Iran)*, 15(4), pp. 205–213.
- Pardosi, S. S., Siahaan, Y. L., Restuning, S., & Chaerudin, D. R. (2022). Hubungan Status Gizi Terhadap Terjadinya Karies Gigi Pada Anak Sekolah Dasar. *Dental Therapist Journal*, 4(1), pp. 1–9.
- Prasetya, M. A. (2018). Perawatan Saluran Akar Satu Kali Kunjungan Pada Gigi Dengan Karies Servikal Dilanjutkan Dengan Restorasi Komposit Dan Pasak Fiber. *Bali Dental Journal*, 3(2), pp. 85–91.
- Pulpdent. (2019). ACTIVA BioACTIVE A Closer Look at BioACTIVE Materials. *Activa White Paper*, 10/2019, pp. 1–12.
- Ramadhan, R. Z., Dwianthono, I., & Widyaningsih, P. N. (2023). The Effect of Different Curing Time on Giomer's Fluoride Release, *Jurnal Kesehatan Gigi*, 10(1), pp. 64–70.
- Ridhani, M. I., Erlita, I., dan Elsa, Y., (2021) Pelepasan Ion Kalsium pada Resin Komposit Bioaktif Setelah Direndam Minuman Probiotik dan Sari Buah Jeruk. *Dentin Jurnal Kedokteran Gigi*. 5(1), pp. 21-25.
- Riskesdas. (2018). Laporan Riskesdas 2018 Nasional.pdf. In *Lembaga Penerbit Balitbangkes*, p. 204.
- Ruengrungsom, C., Burrow, M. F., Parashos, P., & Palamara, J. E. A. (2020). Evaluation of F, Ca, and P release and microhardness of eleven ion-leaching restorative materials and the recharge efficacy using a new Ca/P containing fluoride varnish. *Journal of Dentistry*, 102(July), 103474, pp. 1-11.
- Sakaguchi, R., Ferracane, J., & Powers, J. (2019). Craig's Restorative Dental Materials. In *American Journal of Orthodontics* (Fourteenth, Vol. 71, Issue 2). Elsevier Inc. p. 102.
- Satria, R., Hakim, A. R., & Darsono, P. V. (2022). Penetapan Kadar Flavonoid Total Dari Fraksi n-Heksana Ekstrak Daun Gelinggang dengan Metode Spektrofotometri UV-Vis. *Journal of Engineering, Technology, and Applied Science*, 4(1), pp. 33–46.
- Shitie, A., Addis, R., Tilahun, A., & Negash, W. (2021). Prevalence of Dental Caries and Its Associated Factors among Primary School Children in Ethiopia. *International Journal of Dentistry*, 2021, pp. 1-7.
- Sibarani, M. R. (2019). Karies: Etiologi, Karakteristik Klinis dan Tatalaksana. *Majalah Kedokteran Universitas Kristen Indonesia*, XXX(1), pp. 14–22.
- SKI. (2023). Survey Kesehatan Indonesia. *Kota Kediri Dalam Angka*, p. 343.

- Suhartati, T. (2017). Dasar-Dasar Spektrofotometri UV-Vis dan Spektrometri Massa untuk Penentuan Struktur Senyawa Organik. *Sustainability (Switzerland)*, 11(1), pp. 1–14.
- Suprastiwi, E. (2019). Analysis Of Fluoride Released From Gic And Rmgic In Saliva And Dentino-Enamel Substance. *Makara*, 13(2), pp. 53–58.
- Warastuti, Y. (2016). *Pengaruh Perendaman Membran Komposit Hidroksiapatit-Kitosan-Poli (Vinil Alkohol) dalam Larutan Simulated Body Fluid (SBF) terhadap Karakteristiknya*. 19(1), pp. 40–53.
- Yehia, Y. H., Ibrahim, A. H., Abou-Auf, E., & Elzoghbi, A. F. (2022). Clinical Evaluation of Bioactive Restorative Material versus Resin Modified Glass Ionomer in Cervical Restorations: A Randomized Controlled Clinical Trial. *Open Access Macedonian Journal of Medical Sciences*, 10(D), pp. 33–40.
- Yilmaz, B., Pazarceviren, A. E., Tezcaner, A., & Evis, Z. (2020). Historical development of simulated body fluids used in biomedical applications: A review. *Microchemical Journal*, 155(October 2019), 104713, pp. 1-16.
- Yudono, B. (2017). *Spektrometri*. pp. 6-7.