

Literature

As of 15 April 2024



Temp PRINT
3D printable light curing composite
for temporary crown and bridge





GC Temp PRINT

1. Temporary 3D Printed Fixed Dental Prosthesis Materials: Impact of Post Printing Cleaning Methods on Degree of Conversion as Well as Surface and Mechanical Properties. Mayer, Johannes, M. Reymus, F. Wiedenmann, D. Edelhoff, R. Hickel, B. Stawarczyk. 2021. The International Journal of Prosthodontics. <https://doi.org/10.11607/ijp.7048>
2. Influence of different post polymerization strategies and artificial aging on hardness of 3D-printed resin materials: an in vitro study. M. Reymus, B. Stawarczyk. The International Journal of Prosthodontics, Volume 33, number 6, 2020, p. 634-640
3. Initial biocompatibility of novel resins for 3D printed fixed dental prostheses. S.N. Wuersching, R. Hickel, D. Edelhoff, M. Kollmuss. (2022). Dental Materials, 38(10), 1587–1597. <https://doi.org/10.1016/j.dental.2022.08.001>
4. Effect of hydrothermal aging on the microhardness of high-and low-viscosity conventional and additively manufactured polymers. N. Al-Haj Husain, A.J. Feilzer, C.J. Kleverlaan, S. Abou-Ayash, M. Özcan. The Journal of Prosthetic Dentistry, October 2022-Volume 128 Issue 4
DOI: 10.1016/j.prosdent.2022.08.022
5. The influence of printing angle on color and translucency of 3D printed resins for dental restorations. Espinar, C., Bona, A. Della, Pérez, M. M., Tejada-Casado, M., & Pulgar, R. Dental Materials (2023). Article in press.
<https://doi.org/10.1016/j.dental.2023.03.011>
6. Cytotoxicity of 3D printed resin materials for temporary restorations on human periodontal ligament (PDL-hTERT) cells. M. Folwaczny, R. Ahantab, A. Kessler, C. Ern, I. Frasher. (2023)Dental Materials, 39(5), 529–537.
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<https://doi.org/10.3390/MA16196559>
8. Influence of printing orientation on mechanical properties of aged 3D-printed restorative resins. C. Espinar, M.M. Perez, R. Pulgar, A. Leon-Cecilla, M.T. Lopez-Lopez, A. Della Bona. Dental Materials 40 (2024) 756–763.
<https://doi.org/10.1016/j.dental.2024.02.023>



Articles in Dental magazines

1.