

Dental Materials Research Center Publications (2021)

1. Varshosaz J, Sajadi-Javan Z. S, Kouhi M, Mirian M. Effect of bassorin (derived from gum tragacanth) and halloysite nanotubes on physicochemical properties and the osteoconductivity of methylcellulose-based injectable hydrogels. *Int J Biol Macromol.* 2021; 192: 869-82.
2. Shirani M, Savabi O, Mosharraf R, Hebibkhodaei M, Isler S. Comparison of translucency and opalescence among different dental monolithic ceramics. *J Prosthet Dent* 2021; 126(3): 446.e1-446.e6.
3. Shekarchizade N, Farhad A, Khalifezade S. The accuracy of three apex locators in determining the location of strip root perforation in different environments. *Iran Endod J* 2021; 16(3): 184-8.
4. Khademi A, Roohafza H, Iranmanesh P, Yaraghi N, Sichani A.V. Association between psychological factors and pain perception in patients with symptomatic irreversible pulpitis during endodontic treatment. *G Ital Endod* 2021; 35(1): 13-9.
5. Fereshteh Z, Fathi M, Kargozar S, Samadikuchaksaraei A. Formulation of electrospun Mg-FA/poly (ϵ -caprolactone) nanocomposite to adjust bioactivity, biodegradability, and cellular interactions. *Polym Adv Technol* 2021; 32:2597-608.
6. Tabesh M, Nejatidanesh F, Savabi G, Savabi O, Mirmohammadi H. Marginal adaptation of zirconia complete-coverage fixed dental restorations made from digital scans or conventional impressions: A systematic review and meta-analysis. *J Prosthet Dent* 2021; 125(4):603-10.
7. Feiz A, Sajedi M, Jafari N, Swift E. Evaluation of microleakage in Class II composite restorations: Bonded-base and bulk-fill techniques. *Dent Res J (Isfahan)* 2021; 18(1):328757.
8. Keshani F, Khalesi S, Aghaz A, Farhang M, Akbari N. Screening of oral squamous cell carcinoma by serum changes: A systematic review and meta-Analysis. *Dent Res J (Isfahan)* 2021; 18(1):88.
9. Ghahderijani M. S, Khoroushi M, Feiz A. Effect of calcium hypochlorite and sodium hypochlorite as root canal irrigants on push-out bond strength of fiber post cemented with etch-and-rinse resin cement: An in vitro study. *Frontiers in Dentistry* 2021; 18, 18.
10. Golkar P, Omrani L. R, Zohourinia S, Ahmadi E, Asadian F. Cytotoxic effect of addition of different concentrations of nanohydroxyapatite to resin modified and conventional glass ionomer cements on l929 murine fibroblasts. *Frontiers in Dentistry* 2021; 18, 17.
11. Nosouhian M, Monirifard M, Gharibpour F, Sadeghian S. Lingual retainer materials: Comparative evaluation of wear resistance of flowable nanocomposites and universal composite: An in vitro study. *Dent Res Journal* 2021; 18(1):324028.
12. Alavi S, Shirani F, Zarei Z, Raji S. Effect of different surface treatment with panaviaV5 on shear bond strength of metal brackets to silver amalgam. *Dent Res J (Isfahan)* 2021; 23; 18:9.

Dental Materials Research Center Publications (2021)

13. Mosharraf R, Azizi A, Naziri B, Abolhasani M. The effects of cement space thickness and material type on marginal discrepancy of restoration | [Efeitos da espessura do cimento e do tipo de material na discrepância marginal da restauração]. *Braz Dent Sci* 2021; 24(1):1-8.
14. Ebadian B, Fathi A, Khodadad S. Comparison of the Effect of Four Different Abutment Screw Torques on Screw Loosening in Single Implant-Supported Prosthesis after the Application of Mechanical Loading. *International Journal of Dentistry* 2021. 3595064 Published: JUL 20 2021.
15. Nilchian F, Razavi S. M, Sadeghi-Sedeh S, Sadeghi-Sedeh B. The relationship between oral health and irritable bowel syndrome in women referring to hospital. *Journal of Oral Health and Oral Epidemiology* 2021; 10(3): 141-9.
16. Ashtiani AH, Mardasi N, Fathi A. Effect of multiple firings on the shear bond strength of presintered cobalt-chromium alloy and veneering ceramic. *The Journal of Prosthetic Dentistry*. 2021; 126(6):803-e1.
17. Mosharraf R, Molaei P, Fathi A, Isler S. Investigating the Effect of Nonrigid Connectors on the Success of Tooth-and-Implant-Supported Fixed Partial Prostheses in Maxillary Anterior Region: A Finite Element Analysis (FEA). *International Journal of Dentistry*. 2021; 2021:1-12.
18. Maalekipour M, Safari M, Barekatain M, Fathi A. Effect of Adhesive Resin as a Modeling Liquid on Elution of Resin Composite Restorations. *International Journal of Dentistry*. 2021; 2021:1-9.
19. Shirani F, Birang R, Ahmadpour E, Zarei Z, Fekrazad R. Evaluation of Microleakage in Resin Composites Bonded to an Er:YAG Laser and Bur-Prepared Root and Coronal Dentin Using Different Bonding Agents. *Journal of Lasers in Medical Sciences* 2021; 12(1), e74.
20. Fathpour K, Bazazzade A, Mirmohammadi H. A Comparative Study of Cervical Composite Restorations Microleakage Using Dental Universal Bonding and Two-step Self-etch Adhesive. *Journal of Contemporary Dental Practice*. 2021; 22(9):1035-40.
21. Khalesi S, Shekarian S. Frequency of jaw pathologic lesions related to impacted teeth in Isfahan Dental School, Iran. *Journal of Oral Health and Oral Epidemiology* 2021; 10: 218-24.
22. "Nilchian F, Tarrahi M. J, Zare N. A systematic review and meta-analysis of failure to take history as a barrier of reporting child abuse by dentists in private and state clinics. *Dent Res J (Isfahan)*. 2021 Jun 22; 18:41. eCollection 2021."
23. Tahirian D, Shariati S, Nilchian F. Autistic children's parents and hospital dentistry. *Dent Res J (Isfahan)*. 2021 Dec 10; 18:105. eCollection 2021.

Dental Materials Research Center Publications (2021)

24. "Kanounisabet N, Mogharehabed A, Torabinia N, Hashemi Nejad S.M, Yaghini J. Effect of systemic administration of omeprazole on osseointegration around titanium dental implants: A histomorphometric study in dogs. *Dental research journal* 18:43."
25. Tosan F, Fathi A. H, Yari A, Rahnama N, Sakhaei D. Effects of doping metal nanoparticles in hydroxyapatite in Improving the physical and chemical properties of dental implants. *Nanomedicine Research Journal* 2021; 6(4):327-36.
26. Tahani B, Asgari I, Saied Moallemi Z, Azarpazhooh A. Fissure sealant therapy as a portable community-based care in deprived regions: Effectiveness of a clinical trial after 1 year follow-up. *Health and Social Care in the Community* 2021; 29(5):1368-77.
27. Hasheminia M, Razavian H, Khorrami L, Mosleh H, Mohamadi S. Prevalence of middle mesial canal in mandibular first molars using cone-beam computed tomography technique. *Dental research journal*. 2021; 18:42.
28. Ebadian B, Fathi A, Savoj M. In Vitro Evaluation of the Effect of Different Luting Cements and Tooth Preparation Angle on the Microleakage of Zirconia Crowns. *International Journal of Dentistry* 2021, 8461579.
29. Nejatidanesh F, Savabi O, Savabi Gh, Razavi M. How the initial retentive force of implant-supported overdentures can be affected with splinted and unsplinted attachments systems. *Dent Res J (Isfahan)*. 2021 Dec 10; 18:101. eCollection 2021.