

Sample list of publications by faculties in 2024

- 1.Zaheer J, Khan MN, Rahman AU, Ishfaq M, Shahzad MA, Lateef M, Bangash SA. Characterization of Antibiotic Resistance Profiles in the Oral Microbiota of the Pakistani Population. *Cureus*. 2024 Oct 29;16(10):e72617. doi: 10.7759/cureus.72617.
- 2.Singh M, Singh S, Kumar L, Mattoo KA, Khalid I, Kota MZ, Udeabor SE, et al. Evaluation of Retentive Strength of 50 Endodontically-Treated Single-Rooted Mandibular Second Premolars Restored with Cast Post Cores Using 5 Common Luting (Cement) Agents. *Med Sci Monit*. 2024; 30: e944110.
- 3.Muralidhar P, Bandela V, Khan AAG, Shah SJ, Elfadeel ASA, Basany RB, et al. A 5-year comprehensive evaluation of maxillofacial injuries in polytrauma patients at a tertiary hospital - an epidemiological study. *Acta Odontol Scand*. 2024 Apr 10;83:126–31.
- 4.Zarbah, M., Yaqoob, A., Basamad, M.A., Saad, M.S., Alghubairani, H.A. and Alsubaiy, E.F., 2024. Three-Dimensional Optical Study on the Effects of Microwave Glazing on Surface Roughness of Zirconia-Reinforced Glass Ceramic. *Medical Science Monitor: International Medical Journal of Experimental and Clinical Research*, 30, pp.e945130-1.
- 5.Deshmukh SS, Kulkarni MM, Bhatia AP, Assiri KI, Suleman G, Chaturvedi M, Alshahrani AY, Yaqoob A, Baig FA, Khader MA. Dental Practitioners behaviour, perspective and treatment approach towards management of TMJ Disorders-A observational study. *Technology and Health Care*. 2024 Dec 22:09287329241301651.
- 6.Shukla AK, Chaturvedi S, Ahmed AR, Abouzeid HL, Suleman G, Sharif RA, Gurumurthy V, Cicciù M, Minervini G. Analysis of modified palatal surface for better speech in edentulous patients: A clinico-analytical study. *Technol Health Care*. 2024;32(2):1055-1065. doi:10.3233/THC-230477.
- 7.Batool SA, Chaudhry S, Munir N, Inayat N, Suleman G, Ahmed AR, Al-Qarni MA, Chaturvedi M, Cicciù M, Minervini G. Micronuclei as an indicator of genotoxic change in epithelial cells of buccal mucosa after panoramic radiographs. *Technol Health Care*. 2024;32(4). doi:10.3233/THC-240072.
- 8.Waghmare A, Nair C, Shukla AK, Chaturvedi M, Bhagate TV, Alsubaiy EF, Suleman G, Khader MA, Chaturvedi S. Flexural strength and surface hardness of nanocomposite denture base resins. *Heliyon*. 2024;10(22):e40442. doi:10.1016/j.heliyon.2024.e40442.
- 9.Fahad DS, Liaqat S, Memon DM, Munir DN, Inayat DN, Suleman DG, Zafar MS, Khan DM, Noor DK, Sharif DR, Iqbal DF. Evaluation of Antibacterial Properties of Grape Seed Extract Mediated Silver Nanoparticles Modified Glass Ionomer Cement. Available at SSRN 4946383.
- 10.Uddin J, Fatima M, Riaz A, Kamal GM, Muhsinah AB, Ahmed AR, Iftikhar R. Pharmacological potential of micheliolide: A focus on anti-inflammatory and anticancer activities. *Heliyon*. 2024 Mar 5;10(6).
- 11.Sayed ME, Porwal A, Hamdi BA, Hurubi SY, Hakami AK, Hakami AJ, Dighriri AM, Jad YA, Alqahtani SM, Alsubaiy EF, Alfaifi MA, Altoman MS, Jokhadar HF, AlResayes SS. Impact of Auxiliary Features on Retention of Short Dental Crowns: An In-Vitro Analysis of Box and Groove Preparations. *Med Sci Monit*. 2024 Mar 6;30:e943401
- 12.Mansoor MA, Sayed ME, Abdul HN, Zaidan MS, Hakami TM, Dighriri MA, Alqahtani SM, Alfaifi MA, Altoman MS, Jokhadar HF, AlResayes SS, AlWadei MH, Jundus AI,

- Komosany AM, AlNajjar HZ. Comparative Accuracy of Intraoral and Extraoral Digital Workflows for Short Span Implant Supported Fixed Partial Denture Fabrication: An In Vitro Study. *Med Sci Monit*. 2024 Mar 19;30:e943706
13. Sayed ME, Jain S, Jokhadar HF, Alshahrani AA, AlResayes SS, Alqahtani SM, Alqarni H, Anab NA, Alsubeaie NH, Alsubaie SH, Khalid A, Franco R, Minervini G. Effect of smokeless tobacco on color stability and surface roughness of CAD/CAM milled, 3D printed, and conventional provisional crown and fixed dental prosthesis materials: An in vitro study. *Technol Health Care*. 2024;32(3):1697-1711
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15. Haralur SB, Alshahrani NM, Alafra SH, Hakami MA, AbuMesmar OA, Al-Qarni MA, AlQahtani SM, Alqahtani NM. The Impact of Bonding Agents and Bone Defects on the Fracture Resistance of Reattached Vertically Root-Fractured Teeth. *Coatings*. 2024; 14(6):661
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20. Saini RS, Alshadidi AAF, Gurumurthy V, et al. Quantum mechanical analysis of yttrium-stabilized zirconia and alumina: implications for mechanical performance of esthetic crowns. *Eur J Med Res*. 2024;29(1):254. Published 2024 Apr 24. doi:10.1186/s40001-024-01851-2
21. Ahmed A, Mutahar M, Daghry AA, Albar NH, Alhadidi IQ, Asiri AM, Boreak N, Alshahrani AA, Shariff M, Shubayr MA, Al Moaleem MM. A Systematic Review of Publications on Perceptions and Management of Chronic Medical Conditions Using Telemedicine Remote Consultations by Primary Healthcare Professionals April 2020 to December 2021 During the COVID-19 Pandemic. *Medical science monitor: international medical journal of experimental and clinical research*. 2024;30:e943383-1.

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23. Altoman MS, Soltanzadeh P, Suprono MS, Gada TS, Kattadiyil MT. Effect of finishing and polishing techniques on the fit accuracy and dimensions of conventional and CAD-CAM removable partial denture frameworks. *J Prosthodont*. 2024 Sep 21. doi: 10.1111/jopr.13950. Epub ahead of print. PMID: 39305506.
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25. Abounassif FM, Alfaraj A, Gada TS, Yang CC, Chu TG, Lin WS. Color stability of precolored and extrinsically colored monolithic multilayered polychromatic zirconia: Effects of surface finishing and aging. *J Prosthodont*. 2024 Jun 23. doi: 10.1111/jopr.13875. Epub ahead of print. PMID: 38923252.
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27. Altoman MS, Alshowail LY, Alfaifi MA, Alqarni H, Gada TS, Kattadiyil MT. Utilization of digitally milled verification jigs for recording jaw relations in complete-arch implant rehabilitation: A digital clinical report. *Journal of Prosthodontics*.
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31. Altoman MS, Soltanzadeh P, Suprono MS, Gada TS, Kattadiyil MT. Effect of finishing and polishing techniques on the fit accuracy and dimensions of conventional and CAD-CAM removable partial denture frameworks. *Journal of Prosthodontics*. 2024.
32. Saini RS, Alshadidi AA, Hassan SA, Aldosari LI, Mosaddad SA, Heboyan A. Properties of a novel composite elastomeric polymer vinyl polyether siloxane in comparison to its parent materials: a systemic review and meta-analysis. *BMC Oral Health*. 2024 Jan 9;24(1):54.

- 33.Joshi S, Madhav VN, Saini RS, Gurumurthy V, Alshadidi AA, Aldosari LI, Okshah A, Mosaddad SA, Heboyan A. Evaluation of the effect of chemical disinfection and ultraviolet disinfection on the dimensional stability of polyether impression material: an in-vitro study. *BMC Oral Health.* 2024 Apr 15;24(1):458.
- 34.Alshadidi AA, Dommeti VK, Aldosari LI, Hassan SA, Okshah A, Merdji A, Roy S. Influence of surface texturing and coatings on mechanical properties and integration with bone tissue: an in silico study. *Frontiers in Bioengineering and Biotechnology.* 2024 Sep 2;12:1439262.
- 35.Saini RS, Gurumurthy V, Rakhra J, Vaddamanu SK, Hassan A, Binduhayyim RI, Quadri SA, Aldosari LI, Avetisyan A, Mosaddad SA, Heboyan A. The Impact of Shelf-Life and Storage Conditions on the Accuracy and Performance of Additional Silicone Impression Materials: a Systematic Review and Meta-analysis. *Silicon.* 2024 Jun;16(9):3987-99.
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- 37.Narapureddy BR, Zahrani Y, Alqahtani HE, Mugaiahgari BK, Reddy LK, Mohammed Asif S, Almoyad MA, Mohieldin A, Dawria A. Examining the Prevalence of Congenital Anomalies in Newborns: A Cross-Sectional Study at a Tertiary Care Maternity Hospital in Saudi Arabia. *Children.* 2024 Feb 2;11(2):188.
- 38.Shettar SS, Bagewadi ZK, Khan TY, Shamsudeen SM, Kolvekar HN. Biochemical characterization of immobilized recombinant subtilisin and synthesis and functional characterization of recombinant subtilisin capped silver and zinc oxide nanoparticles. *Saudi Journal of Biological Sciences.* 2024 Jul 1;31(7):104009.
- 39.Mustafa MZ, Shetty G, Deeban Y, Mathar MI, Joseph AM, Aldhuwayhi S, Thakare AA, Al-Hamad KA, Shamsudeen SM, Ayub MS. The Effect of Average Value Mounting and Facebow Transfer on Condylar Guidance Settings in a Semi-Adjustable Articulator—A Comparative Study using Digital Lateral Cephalographs in Edentulous Patients. *Nigerian Journal of Clinical Practice.* 2024 Sep 1;27(9):1044-50.
- 40.Mustafa MM, Faragalla AI, Hamid MM, Abbass Ali SA, Ibrahim WS, Abouzeid HL, Hamid MM, Atia MH. SPOTTING THE UNSEEN: A NARRATIVE REVIEW OF CHILD ABUSE AND NEGLECT THROUGH DENTAL AND PSYCHIATRIC LENSES. *ASEAN Journal of Psychiatry.* 2024 Sep 1;25(7).
- 41.Assiri H, Estrugo-Devesa A, Roselló-Llabrés X, Egido-Moreno S, López-López J. The Accuracy of Bone Assessment Distal to Lower Second Molars Using Panoramic Radiography: A Systematic Review and Meta-Analysis. *Dentistry Journal.* 2024 Mar 11;12(3):73.
- 42.Rao RN, Oommen KE, Nagate RR, Al-Qarni MA, Ahmed AR, Tikare S, Gokhale ST, AlBariqi AA, Elagib MF, Chaturvedi S. Convalescing Mandibular Anterior Crowding through Piezocision and the Micro-Osteoperforation Surgical Procedure—A Clinical Comparative Study. *Journal of Personalized Medicine.* 2024 Jan 31;14(2):173.
- 43.Nagate RR, Chaturvedi S, Al-Ahmari MM, Al-Qarni MA, Gokhale ST, Ahmed AR, Bariqi AA, Cicciù M, Minervini G. Importance of periodontal phenotype in periodontics and restorative dentistry: a systematic review. *BMC Oral Health.* 2024 Dec;24(1):1-0.

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- 47.Bargowo L, Kusumawardhani B, Perdana S, Wijaksana IK, Saskianti T, Ridwan RD, Setijanto D, Prahasanti C, Abullais SS. Expression of osteopontin and osteocalcin in Osteoblast cells exposed to a combination of polymethylmethacrylate (PMMA) and hydroxyapatite (HAp): A prospective observational study. *Medicine.* 2024 Oct 18;103(42):e40088.
- 48.Li Y, Selvaraj V, Saravanan S, Abullais SS, Wankhade V. Exploring the osteogenic potential of chitosan-quercetin bio-conjugate: In vitro and in vivo investigations in osteoporosis models. *International Journal of Biological Macromolecules.* 2024 Aug 1;274:133492.
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- 51.Alahmari MM. Comparative Efficacy of Medium and Soft Toothbrushes in Plaque Removal and Gingivitis Control. *Medical Science Monitor: International Medical Journal of Experimental and Clinical Research.* 2024 Aug 16;30:e945395-1.
- 52.Alhumaidi AM, Aseri AA, Alahmari MM, Adawi HA, Aldhorae K, Gadah TS, Sayed ME, Daghriri AA, Al Ahmari NM, Alzahrani AH, Al Moaleem MM. Morphological and Dimensional Analysis of the Nasopalatine Canal: Insights from Cone-Beam Computed Tomography Imaging in a Large Cohort. *Medical Science Monitor: International Medical Journal of Experimental and Clinical Research.* 2024;30:e944424-1.
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