

COD-Publications Academic Year 2024-2025

	Researchers	Title	Journal	Date
1	Khaled Beshr, et al	Evaluating antimicrobial, anti-biofilm, and cytotoxic effects of titanium dioxide (TiO ₂) nanoparticles-coated calcium hydroxide for intracanal use	Advances in Traditional Medicine https://link.springer.com/article/10.1007/s13596-025-00841-x	7-2025
2	Hm Khuthija KhanamScuba	In Vitro Evaluation of Different Surface Treatments on Osseointegration of Dental Implants	J Pharm Bioallied Sci . 7(Suppl 2):S1421-S1423. https://pubmed.ncbi.nlm.nih.gov/40655656	06-2025
3	Tahsinul Haque , Fatema Akhter, Abdulrhman Alkhwaji	Effectiveness of Photodynamic Therapy in the Treatment of Oral Diseases	Photobiomodulation, Photomedicine, and Laser Surgery https://pubmed.ncbi.nlm.nih.gov/40485280	06-2025
4	Dr. Salah Yousif, Hend ElSayed, Alaa Kamal	Effect of Environmental Pressure Changes Simulating Scuba Diving on 5Microleakage of Zirconia Restorations: An In Vitro Study	Journal of International Dental and Medical Research 18(2): 560-565 https://www.jidmr.com/journal/wp-content/uploads/2025/06/11-D25_3408_Rami_Mohammed_Galal_KSA-Exp.pdf	6- 2025

5	Sally Abd El-Meniem El-Haddad , Ferdous Bukhary, Albaraa Rashed Alkhaldi, Almaha AlDhelaan	Optimizing orthodontic treatment protocol for patients with periodontitis or reduced periodontium: a systematic review and meta-analysis	European Journal of Orthodontics Volume 47, Issue 4, August 2025, cjaf045, https://doi.org/10.1093/ejo/cjaf045 https://pubmed.ncbi.nlm.nih.gov/40576199	6- 2025
6	Dr. Mohammad Noushad, Fayez Niazy Mai Almoaalem Fatimah Muneer Towaireet , Tameem Hamad	Universal Adhesive Fortified With Inorganic Nanoparticles on Dentin Affected by Caries: A Comprehensive Study Utilizing SEM, EDX, Micro-Tensile Bond Strength and Antimicrobial Effectiveness	Microsc Res Tech 88(6):1848-1857. doi: 10.1002/jemt.24816. Epub 2025 Feb 21. https://pubmed.ncbi.nlm.nih.gov/39982848/	06-2025
7	Norelhoda Alem, Fatimaa Akhtar, Sally ElHaddad	Gross histopathological features and treatment outcomes of ameloblastoma at Khartoum teaching dental hospital: A retrospective cross-sectional study	BMC Cancer 25:890 https://doi.org/10.1186/s12885-025-14317-3	05-2025
8	Salah Yousef, Ali Barakat	Assessing Precision in All-Ceramic Fixed Restorations: Unveiling the Marginal Fit Through Digital and Traditional Impressions—A Comprehensive Systematic Review and Meta-Analysis	European Journal of Dentistry	05-2025
9	Alaa Kamal	Maxillary Incisor Fragment Reattachment Protocols: Influence on Tooth Fracture Resistance and Strength of Bonding to Orthodontic Brackets	Journal of Clinical Medicine	05-2025

10	Abdulaziz Samran, et al	Durability of resin bonding to translucent zirconia materials: An in vitro study	THE JOURNAL OF PROSTHETIC DENTISTRY	05-2025
11	Dr. Afroz	Bone mineral density as a criterion for primary implant stability: A retrospective CBCT analysis	National Journal of Maxillofacial Surgery 16(1):p 126-133, Jan–Apr 2025. DOI: 10.4103/njms.njms_1_23 https://pubmed.ncbi.nlm.nih.gov/40510710/	4-2025
12	Fayez Niazy	Prevalence, Incidence and Risk Factors of White Spot Lesions Associated With Orthodontic Treatment- A Systematic Review and Meta-Analysis	Orthod Craniofac Res 28(2):379-399. doi: 10.1111/ocr.12888. https://pubmed.ncbi.nlm.nih.gov/39717964/	04-2025
13	Sally ElHaddad	Honey in Orabase and Triamcinolone Acetonide for the Treatment of atrophic/ Erosive Oral Lichen Planus: A randomized, Blind, Controlled Clinical Trial	Quintessence International 22;56(4):318-327. doi: 10.3290/j.qi.b6043838. https://pubmed.ncbi.nlm.nih.gov/40066764/	04- 2025
14	Prof. Nasser Shahin	Post-cementation sensitivity of bridges cemented with different adhesive resin cements	J Clin Exp Dent https://pubmed.ncbi.nlm.nih.gov/40231142/ 1: 17(3):e289-e292. doi: 10.4317/jced.62513.	03-2025

15	Dr. Mohammad Noushad	Public Awareness and Knowledge of Oral Cancer in 13 Middle Eastern and North African Countries	JAMA Netw Open 3;8(3):e250522. doi: 10.1001/jamanetwor kopen.2025.0522.	03-2025
16	Sara Gaafar	Comparative analysis of the inflammatory response of human gingival fibroblasts to NeoSEALER Flo and CeraSeal bioceramic sealers: an in vitro study	BMC Oral Health 25(1):395.	03-2025
17	Fatema Akhter, Tahsinul Haque, Nourelhoda Alim	Identification and Characterization of Key Genes Associated with Amelogenesis	European Journal of Dentistry	02- 2025
18	Abdulaziz Samran et al.	Repair bond strength, surface roughness, and topographic assessment of nanocomposite ceramics when surface modified with nanosecond laser; low-level laser therapy activated Malachite Green and tri-biochemical silica: Repair bond strength and nanocomposite ceramics	Ceramics Silikaty Doi: 10.13168/cs.2025.0002	02-2025
19	Ahmad Elmarakby, Shaimaa Habib, Ebrahim AlKaldi, Rahaf Aljaser	Comparative study for assessment of two different minimally invasive caries removal techniques	BMC Oral Health	02- 2025
20	Salah A Yousief , Azza A Abushama , Ali Barakat , Sally A ElHaddad	Clinical and Microbiological Effectiveness of Diode Laser for Treating Patients with Stage II Grade A Periodontitis Patients: Split-Mouth Study	Photobiomodul Photomed Laser Surg doi: 10.1089/photob.2024.0118	02-2025
21	Sarah Salah Gaafar	Fracture resistance, failure mode and restorability of CAD CAM Zirconia endocrowns with different pulpal	BMC Oral Health	2025

		extension depths bonded to maxillary molars: an in-vitro study	25(1DO: 10.1186/s12903-025-05466-9	
22	Dr. Abdulaziz Samran	Influence of post material and ferrule thickness on the fracture resistance of endodontically treated premolars: A laboratory study	THE JOURNAL OF PROSTHETIC DENTISTRY	01-2025
23	Salah Yousief, Ahmed Elmarakby	The Effect of Chewing Simulation on Flexural Strength of Different Lithium Disilicate Ceramics	Clinical, Cosmetic, and Investigational Dentistry	01-2025
24	Ahlam Samran, Sarah Gaafar, Fayez Hussain Niazi Heba Lutf Ahmed Alawadhi, Renad Sultan Alfaraidy,	Photochemically Activated Microbubble Emulsion, Nd: Yap laser, and Cerium Oxide Nanoparticles asCanal Disinfectants on Pus- out Bond Strength of Sealer to Root Dentin, Smear Layer, and Antibacterial Efficacy	Microscopy Research & Technique	01-2025
25	Fayez Niazi, Mohammed Noushad Maei Hesham Almoallim, Fatimah Muneer Towaireet, Tameem Hamad,	Universal adhesion fortified with inorganic nanoparticles on dentin affected by caries: A comprehensive study utilizing SEM, EDX, Micro-Tensile bond strength and antimicrobial effectiveness	Microscopy Research & Technique	01-2025
26	Fayez Niazi, Azza A, Lujain Sultan Alzuman, Atheer Majid Bin Saidan,	Primary dentin conditioning with methlene blue activated photodynamic therapy, phytic acid and Er, Cr: YsGG to resin- modified glass inomer cement in comparison to conventional polyarylic acid	Photobiomodul Photomed Laser Surg	01-2025
27	Azza A. Abushama1, Salah A. Yousief, Nourelhoda Alim,	Platelet-rich fibrin vs. connective tissue grafts for root coverage in adjacent gingival recessions: A systematic review	Ro J Stomatol. Volume 70, o. 4, 2024 2024;70(4) DOI: 10.37897/RJS.2024.4.18	01-2025

	Sally Abdelmeniem Elhaddad			
28	Dr. Mohammad Noushad	Knowledge and Awareness of Dental Students Regarding Human Papillomavirus and Oral Cancer in Saudi Arabia	Asian Pac J Cancer Prev 25 (11), 3927-3934 DOI:10.31557/APJCP.2024.25.11.3927	11-2024
29	Mohammed Noushad, Fatima Akhtar, Tahsinul Haque, Salah A Yousief	Evaluating Dentists' Understanding of Dry Mouth Management: An International Cross-Sectional Study	Oral Diseases https://doi.org/10.1111/odi.15176	11-2024
30	Reema Alhaniny , Safa Alyousef , Abdulaziz Samran	Efficiency of bulk-fill versus conventional resin-based composite in class II restorations: A dental student perspective	Saudi Dental Journal Volume 36, Issue 10, Pages 1364-1368	10-2024
31	Tahsinul Haque, Tameem Hamad, Sokina Abdulmalik, Razan Abudiab, Hadeel Bawazir, Mohammed Malik Afroz, Fatema Akhter	Smartphone Addiction: Impact, challenges, and effects on cognition skills among the dental students in the KSA	European Journal of General Dentistry	10-2024
32	Tahsinul Haque	Correlation between TMJ Disorders and Bruxism: A systematic review and meta-analysis	Bangladesh Journal of Medical Science	10-2024
33	Pradeep Koppolu, HF Khan, SM AlQasem, Afroz M, AlShaban, RAA; AlAjmi, HK;	Exploring Myrrh Oil as a Natural Antimicrobial Agent Against Oral Pathogens: An In Vitro Research	Nigerian Journal of Clinical Practice 27(10):1141-1145	10-2024

34	Salah A Yousief, Abdulaziz Samran, Ali Barakat, Hend Mohamed El Sayed, Mohammed Noushad	Assessment of Stress Distribution Around Traditional and Sleeve Fixed Partial Dentures Designs: Finite Element Analysis	European Journal of Dentistry	11-2024
35	Mohammed Afroz, Fatema Akhter, Road Bitar, Esmat Sarhan, Faisal Alidan, Esraa Alahmed	Assessment of occupational noise-related hearing impairment among dental health personnel	F1000 Research	12-2024
36	Fayez Hussain Niazi, Mohammad Noushad	Mutagenicity and DNA damage assessment of locally produced nano-hydroxyapatite-silica-glass ionomer cement on human periodontal ligament fibroblasts using Ames and Comet assays.	Saudi Dental Journal	11-2024
37	Abdulaziz Samran, Galiah Husam AlJefri, Fayez Hussain Niazi	Effect of adding sodium fluoride and nano- hydroxyapatite nanoparticles to the adhesive on bond strength and microleakage on caries-affected primary molars.	Journal of Clinical Pediatric Dentistry	09- 2024
38	Dr. Ahmed Elmarakby	The Transformative Impact of Digital Technologies on Modern Dentistry: A Narrative Review of the Applications and Benefits	JOURNAL OF HEALTHCARE SCIENCES Volume 5 Issue 1 2025, Article ID: JOHS2024000891 http://dx.doi.org/10.52533/JOHS.2025.50103	09-2024
39	Azza Aboshama	Characterization and application of in Situ curcumin/ZNP hydrogels for periodontitis treatment	Edelweiss Applied Science and Technology	9- 2024
40	Fayez Hussain Niazi, Ali Algerban, , Ali Barakat, Abdulaziz Samran,	Aluminum zirconate nanoparticles in etch and rinse adhesive to caries affected dentine: An in-vitro scanning electron microscopy, elemental	Microscopy Research and Technique	8- 2024

	Mohammed Noushad , Leen alsebaie	distribution, antibacterial, degree of conversion and micro-tensile bond strength assessment		
41	Fatema Akhter, Adel AbdulRahman M. Bianoony	Attitude Towards Sustainability in Dentistry: The Evidence from Riyadh City, SaudiArabia	International Dental Journal	08-2024
42	Sarah Gaafar, Farah Ayman, Fayez Hussain Niazi	Modified hybrid hydroxyapatite silver nano particles activated via a blue light source in various concentrations in two-step self-etch adhesive to caries affected primary dentine.	Photomedicine and Laser Surgery	08-2024
43	Malak Albalawi, Ali Barakat, Abdulaziz Samran, and Fayez Niazi	In-Vitro SEM-EDX Analysis of Surface Roughness, Shear Bond Strength, and Color Change in Polymer-Infiltrated Ceramic Treated with Rose Bengal Activated by Low-Level Laser Therapy, Non-Thermal Plasma, and Er: YAG Laser	Journal of Biomaterials and Tissue Engineering	08-2024
44	Fayez Hussain Niazi, Abdulaziz Samran	Modified Experimental Adhesive with Sepiolite Nanoparticles on Caries Dentin Treated with Femtosecond laser and Photodynamic Activated Erythrosine. An in vitro study	Photodiagnosis and Photodynamic Therapy.	08-2024