

OCT-DEC 2024
Vol 11, Issue 4



جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
كلية طب الأسنان | College of Dentistry

IAUDENT RESEARCH BULLETIN

| Table of Content

Title	Page No.
RESEARCH NEWS	3
INDEXED FACULTY PUBLICATIONS	9
INDEXED UG STUDENT PUBLICATIONS	22
INDEXED PG STUDENT & SCHOLAR PUBLICATIONS	26
INPRESS PUBLICATIONS	28

RESEARCH NEWS

Research Seminar Series

Dr. Sara Al-Dulaijan presented research seminar entitled 'Molecular Docking: Principles, Advances, and its Applications in Drug Discovery'.



جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
كلية طب الأسنان | College of Dentistry

You are invited to

Research Seminar

Molecular Docking: Principles,
Advances, and Its Applications in
Drug Discovery

By **Dr. Sara Al-Dulaijan**



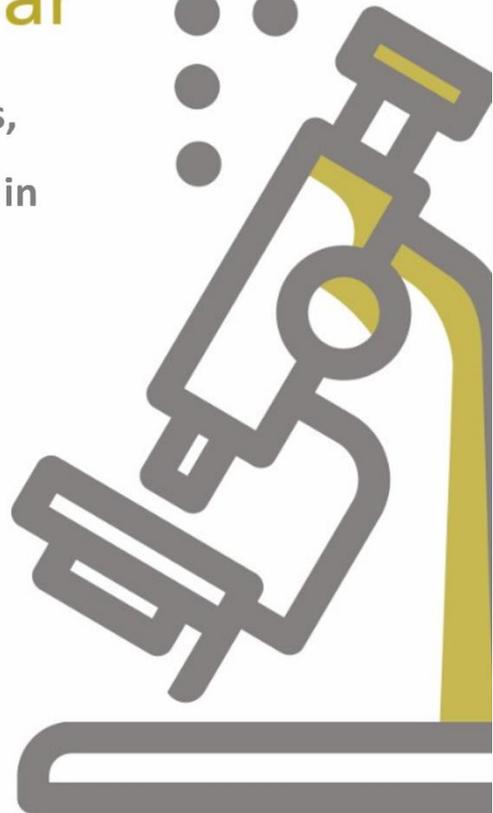
Tuesday, November 05,
2024



From 12:15 to 1 PM



Class C1034 (G-092)
Dental Hospital



Congratulations

We congratulate the faculty members for obtaining patent from the US Patent and Trademark Office (USPTO).


US012102708B2

(12) **United States Patent**
Khan

(10) **Patent No.:** US 12,102,708 B2
(45) **Date of Patent:** *Oct. 1, 2024

(54) **TREATMENT METHOD FOR TEETH AND GUMS**
A61K 8/27; A61K 8/463; A61K 8/29; A61K 8/9789; A61K 8/345; A61K 8/21; A61K 8/922; A61K 2800/524; A61K 2800/28; A61K 2800/48; A61G 11/00
See application file for complete search history.

(71) Applicant: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(72) Inventor: **Abdul Samad Khan, Dammam (SA)**

(73) Assignee: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
This patent is subject to a terminal disclaimer.

(21) Appl. No.: 18/600,658
(22) Filed: Mar. 9, 2024
(65) **Prior Publication Data**
US 2024/0225996 A1 Jul. 11, 2024


US012102495B2


US 20240377290A1

(19) **United States**
Patent Application Publication

(10) **Pub. No.:** US 2024/0377290 A1
(43) **Pub. Date:** Nov. 14, 2024

(54) **METHOD OF FIXATING TISSUE SAMPLE USING PROPOLIS-CONTAINING COMPOSITION**
Publication Classification
(51) **Int. Cl.**
G01N 1/30 (2006.01)
(52) **U.S. Cl.**
CPC *G01N 1/30* (2013.01); *G01N 2001/307* (2013.01)

(71) Applicant: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(72) Inventors: **Amr S. BUGSHAN, Dammam (SA); Hawra A. ALJANOBI, Dammam (SA); Asim M. KHAN, Dammam (SA); Raghad A. ALMUNIF, Dammam (SA); Raed R. ALSHUBALLI, Dammam (SA); Sarah A. KHUSHFIM, Dammam (SA); Nawal M. ALHARBI, Dammam (SA); Muneer H. ALSHUYUKH, Dammam (SA)**

(73) Assignee: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(21) Appl. No.: 18/314,333
(22) Filed: May 9, 2023

(57) **ABSTRACT**
A method of fixating a tissue sample includes treating the tissue sample having a pre-treatment composition with a propolis-containing composition to form a fixated tissue sample having a post-treatment composition. The propolis-containing composition includes a propolis extract and at least one liquid. The pre-treatment composition comprises a mixture of proteins, nucleic acids, carbohydrates, lipids, minerals, and vitamins. The mixture of nucleic acids, carbohydrates, lipids, minerals, and vitamins in the pre-treatment composition is the same as that in the post-treatment composition. The propolis extract is present in the propolis-containing composition at a concentration of 0.1 to 50 weight percentage (wt. %), based on a total of the propolis-containing composition. After the treating, the proteins in the pre-treatment composition of the tissue sample are crosslinked by resin and wax in the propolis extract. The cellular structural integrity of the tissue sample maintains after the treating.


US012138324B1

(12) **United States Patent**
Gad et al.

(10) **Patent No.:** US 12,102,495 B2
(45) **Date of Patent:** *Oct. 1, 2024

(54) **DENTAL ORTHODONTIC RETAINER WITH NANODIAMOND-PDMA COMPOSITE MATERIAL**
Field of Classification Search
CPC C08K 5/04; C08L 3/12; A61C 13/08; A61C 13/1003; A61C 13/01; A61C 13/087; A61K 6/887
See application file for complete search history.

(71) Applicant: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(72) Inventors: **Muhammad Mostafa Ahmed Gad, Dammam (SA); Shaimaa Mohamed Said Fouad, Dammam (SA); Fahad A. Al-Harbi, Dammam (SA); Ahmad M. Al-Thabaly, Dammam (SA); Fawzan Safwat Aly Elkhaty, Dammam (SA)**

(73) Assignee: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
This patent is subject to a terminal disclaimer.

(21) Appl. No.: 18/506,175
(22) Filed: Nov. 18, 2023
(65) **Prior Publication Data**
US 2024/0074839 A1 Mar. 7, 2024

Related U.S. Application Data
(66) Continuation of application No. 18/330,253, filed on Jun. 22, 2023, now Pat. No. 11,844,639, which is a (Continued)

(51) **Int. Cl.**
A61C 13/087 (2006.01)
A61C 6/887 (2020.01)

(52) **U.S. Cl.**
CPC *A61C 13/087* (2013.01); *A61C 6/887* (2020.01)


US012109082B2

(12) **United States Patent**
Gad et al.

(10) **Patent No.:** US 12,138,324 B1
(45) **Date of Patent:** *Nov. 12, 2024

(54) **METHOD FOR TREATING DENTURE STOMATITIS**
Field of Classification Search
CPC A61K 6/70
See application file for complete search history.

(71) Applicant: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(72) Inventors: **Muhammad Mostafa Ahmed Gad, Dammam (SA); Reem Abusabud, Dammam (SA); Ahmad Mohamed Rabouna, Dammam (SA); Shaimaa Mohamed Said Fouad, Dammam (SA); Ahmad M. Al-Thabaly, Dammam (SA)**

(73) Assignee: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
This patent is subject to a terminal disclaimer.

(21) Appl. No.: 18/782,071
(22) Filed: Jul. 24, 2024

Related U.S. Application Data
(63) Continuation of application No. 18/490,074, filed on Oct. 19, 2023, which is a continuation of application (Continued)

(51) **Int. Cl.**
A61C 8/00 (2006.01)
A61K 6/17 (2020.01)
(52) **U.S. Cl.**
CPC *A61K 6/70* (2020.01); *A61C 8/0015* (2013.01); *A61C 8/0095* (2013.01); *A61K 6/17* (2020.01); *A61K 6/891* (2020.01); *C08K 3/015* (2013.01)

(57) **ABSTRACT**
These material arrangements having at least two layers can accommodate the addition of antifungal material (nanofiller), such as in denture base resin without significantly compromising the mechanical properties and/or translucency of the base material arrangements. Antifungal agents such as nanosilver and nanozinc can be used to modify a surface layer of the material arrangements, such as the denture base, to overcome certain known shortcomings of the modified materials, e.g., typical acrylic resins containing nanosilver and nanozinc.


US012109082B2

(12) **United States Patent**
Gad et al.

(10) **Patent No.:** US 12,109,082 B2
(45) **Date of Patent:** Oct. 8, 2024

(54) **METHOD FOR FORMING A DENTURE BASE**
Field of Classification Search
CPC A61C 13/087; A61C 13/01; A61K 6/887
See application file for complete search history.

(71) Applicant: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(72) Inventors: **Muhammad Mostafa Ahmed Gad, Dammam (SA); Shaimaa Mohamed Said Fouad, Dammam (SA); Fahad A. Al-Harbi, Dammam (SA); Ahmad M. Al-Thabaly, Dammam (SA); Fawzan Safwat Aly Elkhaty, Dammam (SA)**

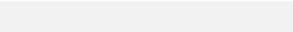
(73) Assignee: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 18/607,135
(22) Filed: Nov. 13, 2023
(65) **Prior Publication Data**
US 2024/009087 A1 Mar. 21, 2024

Related U.S. Application Data
(66) Continuation of application No. 18/330,256, filed on Jun. 22, 2023, now Pat. No. 11,850,106, which is a division of application No. 18/052,074, filed on Nov. 7, 2022, now Pat. No. 11,273,582, which is a division of application No. 17/078,756, filed on Oct. 23, 2020, now Pat. No. 11,571,400.
(69) Provisional application No. 62/925,014, filed on Oct. 25, 2019.

(51) **Int. Cl.**
A61C 13/087 (2006.01)
A61C 6/887 (2020.01)
(52) **U.S. Cl.**
CPC *A61C 13/087* (2013.01); *A61C 6/887* (2020.01)


US012109082B2

(12) **United States Patent**
Gad et al.

(10) **Patent No.:** US 12,109,082 B2
(45) **Date of Patent:** Oct. 8, 2024

(54) **METHOD FOR FORMING A DENTURE BASE**
Field of Classification Search
CPC A61C 13/087; A61C 13/01; A61K 6/887
See application file for complete search history.

(71) Applicant: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(72) Inventors: **Muhammad Mostafa Ahmed Gad, Dammam (SA); Shaimaa Mohamed Said Fouad, Dammam (SA); Fahad A. Al-Harbi, Dammam (SA); Ahmad M. Al-Thabaly, Dammam (SA); Fawzan Safwat Aly Elkhaty, Dammam (SA)**

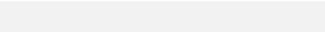
(73) Assignee: **Imam Abdulrahman Bin Faisal University, Dammam (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 18/607,135
(22) Filed: Nov. 13, 2023
(65) **Prior Publication Data**
US 2024/009087 A1 Mar. 21, 2024

Related U.S. Application Data
(66) Continuation of application No. 18/330,256, filed on Jun. 22, 2023, now Pat. No. 11,850,106, which is a division of application No. 18/052,074, filed on Nov. 7, 2022, now Pat. No. 11,273,582, which is a division of application No. 17/078,756, filed on Oct. 23, 2020, now Pat. No. 11,571,400.
(69) Provisional application No. 62/925,014, filed on Oct. 25, 2019.

(51) **Int. Cl.**
A61C 13/087 (2006.01)
A61C 6/887 (2020.01)
(52) **U.S. Cl.**
CPC *A61C 13/087* (2013.01); *A61C 6/887* (2020.01)


US012109082B2

We congratulate Dr. Balgis Gaffar for receiving the Best Researcher Award at the 16th Annual Dental Symposium.



Congratulations to Dr. Omar Mukhtar, Dr. Fatima Al-Attayah, and Dr. Hatem Abuohashish for winning 1st, 2nd, and 3rd place respectively, in the best research poster award-dentist category at the 16th Annual Dental Symposium.



Congratulations to Faisal Al-Haramlah, Joud Al-Suhaim, and Mohammed Al-Zahrani for winning 1st, 2nd, and 3rd place respectively, in the best research poster award-student category at the 16th Annual Dental Symposium.



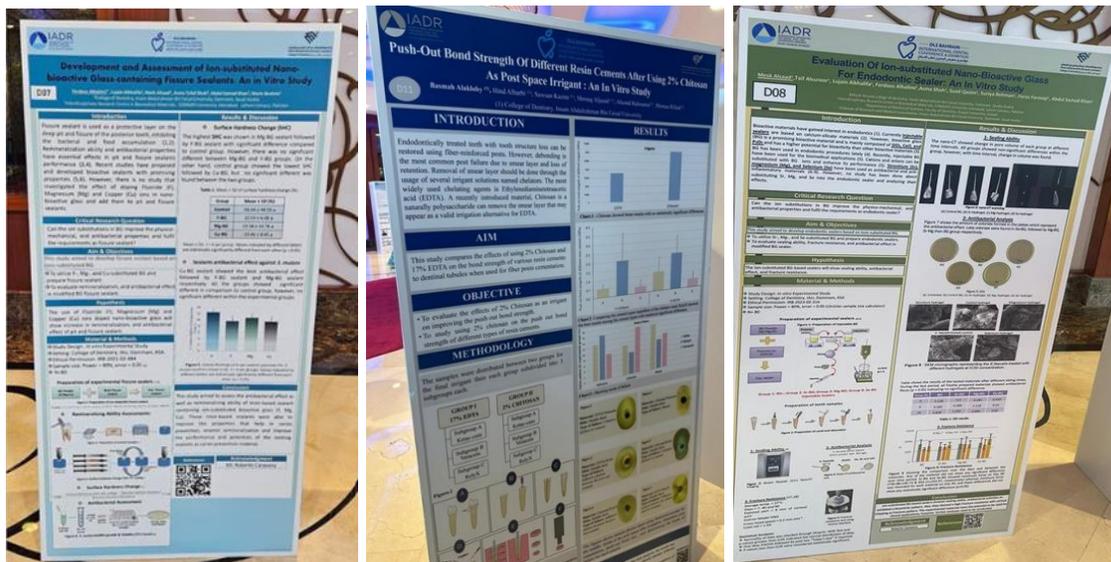
Congratulations to Dr. Aminah Al-Esawy for winning 1st place in the best research poster award-postgraduate category at the 16th Annual Dental Symposium.



Congratulation to the winners of the best student poster research award at the 9th Bahrain International Dental Conference and Exhibition.

Faisal Alharamlah	First Place
Hassan Albrahim	Second place
Fatima Alkhalifa	Third place
Norh Alonaizi	Fourth place
Hassan Albrahim	Sixth place
Ghena Alhumaid	Seventh place
Retaj Alhussain	Ninth place
Naif Alqahatani	Tenth place

Congratulations to Dr. Ferdoos Al-Halim, Dr. Basmah Al-Akloby, and Dr. Mesk Al-Saad for winning 3rd, 4th, and 5th place respectively, in the young dentist poster research award at the 9th Bahrain International Dental Conference and Exhibition.



Presentations

We thank all the CoD participants in the research competitions at the 16th Annual Dental Symposium and 9th Bahrain International Dental Conference and Exhibition.



We thank CoD faculty and scholar for poster and oral presentations in various international events.

Prof. Abdul Samad Khan	Poster	Academy of Dental Materials Annual Conference, Italy
Dr. Osama Zakaria	Poster	European Association of Osseointegration, Italy
Dr. Hawra Aljanobi	Oral	14th Emirates Pathology, Digital Pathology & Cancer Conference, UAE
Dr. Wazeer Alghamdi	Poster	American Academy of Oral & Maxillofacial Radiology, USA

INDEXED FACULTY PUBLICATIONS

- 1 [Peer evaluation as an alternative assessment method for case presentations: A cross-sectional study of dental students' perception.](#)

Madi M, Sadaf S, Dawood ZA, Asiri A, Farooqi FA, Abdelsalam M, AlHumaid J.

J Dent Educ. 2024 Oct;88(10):1388-1397.

Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 2 [Implant Stability After Graftless Motor-Driven Crestal Sinus Elevation: A Cohort Study.](#)

Alzoubi FM, AlRumaih HS, Alhumaidan AA, Al-Sulimmani W.

J Oral Implantol. 2024 Oct 1;50(5):461-467.

Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 3 [Bibliometric analysis of the current status and trends in dental applications of glass fiber-reinforced composites from 1998 to 2022.](#)

Almulhim KS, Rehman SU, Ali S, Ahmad S, Khan AS.

Dent Med Probl. 2024 Sep-Oct;61(5):783-795.

Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 4 [Evaluating the effectiveness of various agents as interim preservative media for biopsy specimens: An experimental in vitro study.](#)

Aljanobi HA, Bugshan AS, AlShuyukh MH, Al-Hulami MM, Khan AM.

Saudi Dent J. 2024 Nov;36(11):1442-1448.

Indexing: Scopus: ● Web of Science: ● PubMed: ●

- 5 [Modified experimental adhesive with sepiolite nanoparticles on caries dentin treated with femtosecond laser and photodynamic activated erythrosine. An in vitro study.](#)
Niazi FH, Alotaibi B, Abdulla AM, AlTowayan SA, **Ahmed SZ**, Alshehri D, Samran A, Alsuwayyigh N, Luddin N.
Photodiagnosis Photodyn Ther. 2024 Oct;49:104306.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 6 [Reliability of sealer penetration measurement methods and assessment of dentine penetrability after endodontic retreatment: A correlation in vitro study.](#)
Aldawood SA, **Omar O**, Almohazey D, Atmeh AR.
Aust Endod J. 2024 Dec;50(3):595-603.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 7 [Physico-chemical assessments of ion-doped bioactive glasses-based resin infiltrants.](#)
Ahmed SZ, Khan AS, Shah AT, Sabri BA, Kumar AM, Akhtar S, Zubair M, Hakeem AS, Hassan MI.
Bioinspir, Biomim and Nan. 2024 Dec;13(3-4):45-57.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 8 [Evaluation of the information provided in the instruction manuals of dental light-curing units.](#)
Al-Zain AO, Ismail EH, **Balhaddad AA**, Toras O, Alharthy Y, Alsultan R, Alrossais A, Price RB.
J Esthet Restor Dent. 2024 Oct;36(10):1466-1476.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

- 9 [Digital impression perception among dental students in Saudi Arabia: A cross-sectional study.](#)
Ellakany P, Fouda SM, Al-Dulaijan YA, Aly NM.
Eur J Dent Educ. 2024 Nov;28(4):889-896.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 10 [Impact of printing layer thickness on the flexural strength of nanocomposite 3D printed resins: An in vitro comparative study.](#)
Gad MM, Abdullah Alzaki F, Ahmed Abuwarwar F, Alhammad A, Al Hussain M, Khan SQ, Nassar EA, Ayad NM.
Saudi Dent J. 2024 Oct;36(10):1307-1312.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 11 [Flexural properties of additive manufactured resin designated for interim fixed dental prosthesis: Effect of nanoparticles, build direction, and artificial aging.](#)
Almedarham RF, Al Dawood ZH, Alatiyyah FM, Akhtar S, Khan SQ, Shetty AC, Gad MM.
Saudi Dent J. 2024 Nov;36(11):1417-1424.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 12 [Macrophage-to-osteocyte communication: Impact in a 3D in vitro implant-associated infection model.](#)
Giraldo-Osorno PM, Wirsig K, Asa'ad F, Omar O, Trobos M, Bernhardt A, Palmquist A.
Acta Biomater. 2024 Sep 15;186:141-155.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

- 13 [In Vitro Osteogenic Analysis of a Novel Scaffold for Bone Regeneration.](#)
Suhaib F, Khan M, Satti HS, Zahid S, Kaleem M, Khan AS.
J Islam Int Med Coll (JIIMC). 2024 Sep 28;19(3):165-71.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 14 [Effect of interproximal enamel reduction on interradicular bone volume in clear aligner therapy: a three-dimensional cone-beam computed tomography study.](#)
Darwiche FH, Tashkandi NE, AlGhamdi M, AlMuhaish LA, Shahin SY.
Clin Oral Investig. 2024 Sep 25;28(10):552.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 15 [The Use of Artificial Intelligence in Caries Detection: A Review.](#)
Al-Khalifa KS, Ahmed WM, Azhari AA, Qaw M, Alsheikh R, Alqudaihi F, Alfaraj A.
Bioengineering (Basel). 2024 Sep 18;11(9):936.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 16 [Internal and marginal fits of 3D-printed provisional prostheses: comparative effect of different printing parameters.](#)
Al-Dulaijan YA, Aldamanhori R, Algaoud H, Alshubaili R, Alkhateeb R, Alalawi H, Abualsaud R, Alqarawi FK, Al-Qarni FD, Gad MM.
Front Oral Health. 2024 Dec 12;5:1491984.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 17 [The Effect of 3D Printing Layer Thickness and Post-Polymerization Time on the Flexural Strength and Hardness of Denture Base Resins.](#)
AlRumaih HS, Gad MM.
Prosthesis. 2024 Aug 19;6(4):970-8.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

- 18 [Engaging vs. Non-Engaging Abutments: An In Vitro Study Evaluating Changes in Microgap and Screw Morphology.](#)
Alzoubi FM, Sabti MY, Alsarraf E, Alshahrani FA, Sadowsky SJ.
Dent J (Basel). 2024 Aug 20;12(8):265.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 19 [Malocclusion traits as risk indicators for depression in young adults: A population-based cross-sectional study.](#)
Alsulaiman AA.
Saudi Dent J. 2024 Dec 1;36(12):1527-32.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 20 [A scoping review on the links between sustainable development goal 14 and early childhood caries.](#)
Folayan MO, Ayouni I, Nguweneza A, Al-Batayneh OB, Virtanen JI, Gaffar B, Duangthip D, Sun IGF, Onyejaka NK, Daryanavard H, Mfolo T, Feldens CA, Schroth RJ, Tantawi ME.
BMC Oral Health. 2023 Nov 18;23(1):881.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 21 [The prevalence of mandibular lingual concavity among the Saudi population of Eastern Province: A CBCT evaluation.](#)
Alzaben B, Almas K, Aljofi FE, Aljabr AA, Alarfaj AH, Bin-Jardan LI, Giliyar SB, Aljoghaiman EA.
Saudi Dent J. 2024 Dec 1;36(12):1618-22.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

- 22 [Prospective and challenges of locally applied repurposed pharmaceuticals for periodontal tissue regeneration.](#)
El-Nablaway M, Rashed F, Taher ES, Abdeen A, **Taymour N**, Soliman MM, Shalaby HK, Fericean L, Ioan BD, El-Sherbiny M, Ebrahim E, Abdelkader A, Abdo M, Alexandru CC, Atia GA.
Front Bioeng Biotechnol. 2024 Nov 13;12:1400472.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 23 [Influence of Endodontic Cavity Design on Interfacial Voids, Class II Resin Composites Sealing Ability and Tooth Fracture Resistance: An In Vitro Study.](#)
Assalman AS, Al Onaizan F, Elgezawi M, Almulhim KS, Abdallah MA, Kaisarly D.
J Clin Med. 2024 Oct 9;13(19):6024.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 24 [Cumulative effect of digital manufacturing techniques, preparation taper and finish line designs on the retention of aged temporary molar crowns - An in vitro study.](#)
Alqarawi FK, Sayed ME, Dewan H, Ibraheem Shaabi F, Naim H, Ahmad M, Ibrahim Hakami H, Fihaid Alsubaiy E, Sultan A, Saleh AlResayes S.
Saudi Dent J. 2024 Nov;36(11):1477-1482.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 25 [3D-printed one-piece versus two-piece orthodontic clear aligner attachments bonded with provisional crowns: A proof of concept.](#)
Shahin SY, Nassar EA, Gad MM.
J Dent. 2024 Dec;151:105406.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

- 26 [Efficacy of Atmospheric Pressure Plasma Jet-Induced Surface Treatment on Wettability, Surface Topography, and Shear Bond Strength of Ceramic Surfaces for CAD-On Assembly.](#)
Alalawi H, Al Mutairi Z, Al Abbasi O, Al Dossary F, Husain M, Al Ghubari F, Akhtar S, Abdalla MA.
Prosthesis. 2024 Oct 16;6(5):1228-39.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 27 [Exercise intensities and metabolic health: Targeting blood glucose, insulin, and C-peptide levels in adults with prediabetes in the postprandial state.](#)
Tauqir S, Shah SS, Shah I, Ali S.
J Taibah Univ Med Sci. 2024 Oct 23;19(5):1049-1057.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
- 28 [YouTube videos on gingival grafting procedures: Content and quality analysis.](#)
Aljoghaiman E, Aljubran H, Alkhalifah I, Alsulaiman A, AlSharief M.
J Am Dent Assoc. 2024 Nov;155(11):972-978.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
29. [The interplay between toothbrush stiffness and charcoal-containing dentifrice on the development of enamel topography changes.](#)
Balhaddad AA, Almalki F, Altayyar R, Alzahrani R, Alotaibi S, Al Dehailan L, Ibrahim MS.
BMC Oral Health. 2024 Nov 16;24(1):1394.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

30. [Influence of disinfecting solutions on the surface topography of gutta-percha cones: a systematic review of in vitro studies.](#)
Mishra L, Dash G, Singh NR, Kumar M, Panda S, Diemer F, Lukomska-Szymanska M, Lapinska B, Khan AS.
Restor Dent Endod. 2024 Nov 1;49(4):e42.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
31. [Adhesion of Candida albicans on preformed crowns used to restore primary molars: An in vitro study.](#)
Bakhurji EA, AlEraky DM, Alshammary H, Alamoudi M, Alrayes N, Hassan M.
Saudi Dent J. 2024 Dec 1;36(12):1539-43.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
32. [The relationship between the secondary implant stability quotient and oxidized implant-related factors: A retrospective study.](#)
Alzoubi F, Alhumaidan AA, AlRumaih HS, Alqarawi FK, Omar O.
Heliyon. 2024 Oct 10;10(20):e39156.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
33. [Effect of psychological distress on oral health: a cross-sectional study.](#)
Asiri A, Nazir MA, Alsharief M, Shahin S, Al-Ansari A, Al-Khalifa KS.
BMC Oral Health. 2024 Dec 19;24(1):1508.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
34. [An In Vitro Comparative Analysis of Physico-Mechanical Properties of Commercial and Experimental Bioactive Endodontic Sealers.](#)
Kashaf A, Alonaizan F, Almulhim KS, Almohazey D, Alotaibi DA, Akhtar S, Shetty AC, Khan AS.
Bioengineering (Basel). 2024 Oct 28;11(11):1079.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

35. [Benzyldimethyldodecyl Ammonium Chloride-Doped Denture-Based Resin: Impact on Strength, Surface Properties, Antifungal Activities, and In Silico Molecular Docking Analysis.](#)
Aldulaijan S, Alruwili R, Almulaify R, Alhassan FA, Al-Dulaijan YA, Alshahrani FA, Mokeem L, Gad MM, Melo MAS, Balhaddad AA.
J Funct Biomater. 2024 Oct 18;15(10):310.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
36. [Accelerated Orthodontics: A Descriptive Bibliometric Analysis of the Top 50 Cited Articles from 2012 to 2023.](#)
Alsulaiman AA, Alsulaiman OA.
Clin Pract. 2024 Aug 29;14(5):1716-1736.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
37. [Accuracy of repaired maxillary dentures from two different repairing techniques: In vitro study.](#)
Mohamed SZ, Ghobashy MM, Taymour N, Abdelwahab S, Srimaneepong V, Rokaya D.
Heliyon. 2024 Oct 31;10(21):e40017.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
38. [Virtual Versus Traditional Learning: A Comparison of Dental Students' Perception and Satisfaction.](#)
Madi M, Gaffar B, Farooqi FA, Zakaria O, Sadaf S, Alhareky M, AlHumaid J.
Dent J (Basel). 2024 Dec 4;12(12):393.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

39. [Enhancing Tensile Bond Strength of Glass Fiber Posts Using Chitosan as a Coupling Agent: A Novel Approach for Improved Dental Restorations.](#)
Taymour N, Hejji MH, Alotaibi MF, Alzahrani RA, Almarzooq AM, Shetty AC, Rifaat S.
Prosthesis. 2024;6(6):1561.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
40. [Revolutionizing Dental Polymers: The Versatility and Future Potential of Polyetheretherketone in Restorative Dentistry.](#)
Taymour N, Abd El-Fattah A, Kandil S, Fahmy AE, Al-Qahtani NH, Khaled A, Al-Dulaijan YA, Gepreel MA.
Polymers (Basel). 2024 Dec 31;17(1):80.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
41. [Impact of Shade Selection on Prosthodontic Outcomes: A Comparative Analysis of Dental Students' and Practitioners' Awareness.](#)
Gad MM, Al Shehab SS, Al Dawood ZH, Al Zaher RH, Khan SQ, Taymour N, Mahrous AA.
Prosthesis. 2024 Nov 25;6(6):1383-99.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
42. [Nanomaterials Based Sensors: From Preparation to Versatile Applications.](#)
Omara WS, AlGhamdi MA, Taymour N.
In Recent Progress and Development on Nanostructures. 2024 Dec 14.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

43. [Microbial Adhesion to Poly Methyl Methacrylate \(PMMA\) Denture Base Resins Containing Zinc Oxide \(ZnO\) Nanostructures: A Systematic Review of In Vitro Studies.](#)

Majrashi NM, Al Qattan MS, AlMubarak NS, Alzahir KZ, **Gad MM.**

Prosthesis. 2024 Nov 27;6(6):1410-9.

Indexing: Scopus: ● Web of Science: ● PubMed: ●

44. [Comparison of the Impact of COVID-19 Pandemic on Treatment with Conventional Fixed Orthodontic Appliances Versus Clear Aligners in Saudi Arabia: A Multi-Center Cross-Sectional Study.](#)

Alsulaimani LA, Alhazmi A, Jan A, **Shahin S**, Alghamdi F, Basri O.

Iranian Journal of Orthodontics. Iran J Orthod. 2024;19(1):e1135.

Indexing: Scopus: ● Web of Science: ● PubMed: ●

45. [Dental Practitioners' Knowledge and Attitudes Toward the Etiology, Diagnosis, and Treatment of Peri-Implantitis.](#)

Zakaria O, Tabassum A, Attia D, Alshehri T, Alanazi DA, Alshehri J, **Alshehri S**, Chopra A, **Madi M.**

Dent J (Basel). 2024 Nov 27;12(12):387.

Indexing: Scopus: ● Web of Science: ● PubMed: ●

46. [Evaluation of the Loss of Surface Roughness Following the Use of Four Different Instruments for Mechanical Debridement of Dental Implants: An In-vitro Pilot Study.](#)

Kumar S, Yewale M, Parthasarathi NL, Balasundaram R, Gopalkrishna P, **Bhat SG.**

J Bio- Tribo-Corros. 2024 Dec;10(4):77.

Indexing: Scopus: ● Web of Science: ● PubMed: ●

47. [Utilization of Alloplastic Prostheses in the Extended Reconstruction of the Temporomandibular Joint: A Review of the Literature.](#)
Alali YS, Al Habeeb K, Al Malhook K, Mohammed Bin WA, **Alshehri S**, Fatani B.
J Clin Med. 2024 Nov 9;13(22):6748.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
48. [Diagnosis and management of idiopathic condylar Resorption: A review of literature.](#)
Alali YS, Al Habeeb KM, Al Malhook KA, **Alshehri S**.
Saudi Dent J. 2024 Nov;36(11):1397-1405.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
49. [Accuracy of Mandibular Foramen Localization Using Digital Orthopantomogram \(OPG\) in Middle Eastern Population.](#)
Alali YS, Mohammed Bin WA, Alotaibi SM, **Alshehri S**, Alshayban M.
Diagnostics (Basel). 2024;14(19):2173.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
50. [Surgical outcomes of the surgical techniques following management of iatrogenic trigeminal nerve injuries: A systematic review.](#)
Almohammadi T, Yates J, Aljohani M, **Alshehri S**.
Saudi Dent J. 2024;36(4):499-508.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
51. [Bone marrow cells contribute to seven different endothelial cell populations in the heart.](#)
Shabani P, Ohanyan V, **Alghadeer A**, Gavazzi D, Dong F, Yin L, Kolz C, Shockling L, Enrick M, Zhang P, Shi X, Chilian W.
Basic Res Cardiol. 2024;119(4):699-715.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

52. [Influence of additive and subtractive zirconia and lithium disilicate manufacturing on tensile bond strength and surface topography.](#)
Kessler A, Reichert T, Lindner S, Liebermann A, **El Gezawi M**, Kaisarly D.
J Prosthet Dent. 2024 Sep;132(3):623.e1-623.e7.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
53. [The effect of three dental cement types on the corrosion of dental implant surfaces.](#)
Alhamad M, Barão VAR, Sukotjo C, Mathew MT.
Heliyon. 2023 Dec 16;10(1):e23626.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
54. [Clinical Investigation of Bacteriome in Primary Endodontic Infections With Apical Periodontitis Using High-Throughput Sequencing Analysis.](#)
Alquria TA, Acharya A, Kabir B, Griffin IL, Tordik PA, Martinho FC.
J Endod. 2024 Oct;50(10):1393-1402.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
55. [Comparative Assessment of the Influence of Various Time Intervals upon the Linear Accuracy of Regular, Scannable, and Transparent Vinyl Polysiloxane-Based Bite Registration Materials for Indirect Dental Restoration Fabrication.](#)
Alqarawi FK, Al-Makramani BMA, Gangadharappa P, Mattoo K, Hadi M, Alamri M, Alsubaiy EF, Alqahtani SM, Sayed ME.
Polymers (Basel). 2024 Dec 28;17(1):52.
Indexing: Scopus: ● Web of Science: ● PubMed: ●
56. [The Relationship Between Mental Health and Periodontal Disease: Insights from NHANES Data.](#)
AlJoghaiman E.
F1000Res. 2024 Nov 8;13:709.
Indexing: Scopus: ● Web of Science: ● PubMed: ●

INDEXED UG STUDENT PUBLICATIONS

Name	Title & Journal
1. Aljanobi HA, Bugshan AS, AlShuyukh MH, Al- Hulami MM, Khan AM.	Evaluating the effectiveness of various agents as interim preservative media for biopsy specimens: An experimental in vitro study. Saudi Dent J. 2024 Nov;36(11):1442-1448. Indexing: Scopus: ● Web of Science: ● PubMed: ●
2. Gad MM, Abdullah Alzaki F, Ahmed Abuwarwar F, Alhammad A, Al Hussain M, Khan SQ, Nassar EA, Ayad NM.	Impact of printing layer thickness on the flexural strength of nanocomposite 3D printed resins: An in vitro comparative study. Saudi Dent J. 2024 Oct;36(10):1307-1312. Indexing: Scopus: ● Web of Science: ● PubMed: ●
3. Almedarham RF, Al Dawood ZH, Alatyyah FM, Akhtar S, Khan SQ, Shetty AC, Gad MM.	Flexural properties of additive manufactured resin designated for interim fixed dental prosthesis: Effect of nanoparticles, build direction, and artificial aging. Saudi Dent J. 2024 Nov;36(11):1417-1424. Indexing: Scopus: ● Web of Science: ● PubMed: ●
4. Al-Dulaijan YA, Aldamanhori R, Algaoud H, Alshubaili R, Alkhateeb R, Alalawi H, Abualsaud R, Alqarawi FK, Al- Qarni FD, Gad MM.	Internal and marginal fits of 3D-printed provisional prostheses: comparative effect of different printing parameters. Front Oral Health. 2024 Dec 12;5:1491984. Indexing: Scopus: ● Web of Science: ● PubMed: ●

5. Alzaben B, Almas K, Aljofi FE, Aljabr AA, Alarfaj AH, Bin-Jardan LI, Giliyar SB, Aljoghaiman EA. [The prevalence of mandibular lingual concavity among the Saudi population of Eastern Province: A CBCT evaluation.](#) Saudi Dent J. 2024 Dec 1;36(12):1618-22. Indexing: Scopus: ● Web of Science: ● PubMed: ●
6. Alalawi H, Al Mutairi Z, Al Abbasi O, Al Dossary F, Husain M, Al Ghubari F, Akhtar S, Abdalla MA. [Efficacy of Atmospheric Pressure Plasma Jet-Induced Surface Treatment on Wettability, Surface Topography, and Shear Bond Strength of Ceramic Surfaces for CAD-On Assembly.](#) Prosthesis. 2024 Oct 16;6(5):1228-39. Indexing: Scopus: ● Web of Science: ● PubMed: ●
7. Aljoghaiman E, Aljubran H, Alkhalifah I, Alsulaiman A, AlSharief M. [YouTube videos on gingival grafting procedures: Content and quality analysis.](#) J Am Dent Assoc. 2024 Nov;155(11):972-978. Indexing: Scopus: ● Web of Science: ● PubMed: ●
8. Balhaddad AA, Almalki F, Altayyar R, Alzahrani R, Alotaibi S, Al Dehailan L, Ibrahim MS. [The interplay between toothbrush stiffness and charcoal-containing dentifrice on the development of enamel topography changes.](#) BMC Oral Health. 2024 Nov 16;24(1):1394. Indexing: Scopus: ● Web of Science: ● PubMed: ●
9. Bakhurji EA, AlEraky DM, Alshammary H, Alamoudi M, Alrayes N, Hassan M. [Adhesion of Candida albicans on preformed crowns used to restore primary molars: An in vitro study.](#) Saudi Dent J. 2024 Dec 1;36(12):1539-43. Indexing: Scopus: ● Web of Science: ● PubMed: ●

10. Kashaf A, Alonaizan F, Almulhim KS, Almohazey D, Alotaibi DA, Akhtar S, Shetty AC, Khan AS. [An In Vitro Comparative Analysis of Physico-Mechanical Properties of Commercial and Experimental Bioactive Endodontic Sealers.](#) Bioengineering (Basel). 2024 Oct 28;11(11):1079. Indexing: Scopus: ● Web of Science: ● PubMed: ●
11. Aldulaijan S, Alruwili R, Almulaify R, Alhassan FA, Al-Dulaijan YA, Alshahrani FA, Mokeem L, Gad MM, Melo MAS, Balhaddad AA. [Benzyltrimethylammonium Chloride-Doped Denture-Based Resin: Impact on Strength, Surface Properties, Antifungal Activities, and In Silico Molecular Docking Analysis.](#) J Funct Biomater. 2024 Oct 18;15(10):310. Indexing: Scopus: ● Web of Science: ● PubMed: ●
12. Taymour N, Hejji MH, Alotaibi MF, Alzahrani RA, Almarzooq AM, Shetty AC, Rifaat S. [Enhancing Tensile Bond Strength of Glass Fiber Posts Using Chitosan as a Coupling Agent: A Novel Approach for Improved Dental Restorations.](#) Prosthesis. 2024;6(6):1561. Indexing: Scopus: ● Web of Science: ● PubMed: ●
13. Taymour N, Abd El-Fattah A, Kandil S, Fahmy AE, Al-Qahtani NH, Khaled A, Al-Dulaijan YA, Gepreel MA. [Revolutionizing Dental Polymers: The Versatility and Future Potential of Polyetheretherketone in Restorative Dentistry.](#) Polymers (Basel). 2024 Dec 31;17(1):80. Indexing: Scopus: ● Web of Science: ● PubMed: ●

14. Gad MM, Al Shehab SS, Al Dawood ZH, Al Zaher RH, Khan SQ, Taymour N, Mahrous AA. [Impact of Shade Selection on Prosthodontic Outcomes: A Comparative Analysis of Dental Students' and Practitioners' Awareness.](#) Prosthesis. 2024 Nov 25;6(6):1383-99. Indexing: Scopus: ● Web of Science: ● PubMed: ●
15. Majrashi NM, Al Qattan MS, AlMubarak NS, Alzahir KZ, Gad MM. [Microbial Adhesion to Poly Methyl Methacrylate \(PMMA\) Denture Base Resins Containing Zinc Oxide \(ZnO\) Nanostructures: A Systematic Review of In Vitro Studies.](#) Prosthesis. 2024 Nov 27;6(6):1410-9. Indexing: Scopus: ● Web of Science: ● PubMed: ●
16. Zakaria O, Tabassum A, Attia D, Alshehri T, Alanazi DA, Alshehri J, Alshehri S, Chopra A, Madi M. [Dental Practitioners' Knowledge and Attitudes Toward the Etiology, Diagnosis, and Treatment of Peri-Implantitis.](#) Dent J (Basel). 2024 Nov 27;12(12):387. Indexing: Scopus: ● Web of Science: ● PubMed: ●
17. Abdulkarim LI, Alharamlah FSS, Abubshait RM, Alotaibi DA, Abouonq AO. [Impact of Digital Workflow Integration on Fixed Prosthodontics: A Review of Advances and Clinical Outcomes.](#) Cureus. 2024 Oct 24;16(10):e72286. Indexing: Scopus: ● Web of Science: ● PubMed: ●

INDEXED PG STUDENT & SCHOLAR PUBLICATIONS

Name	Title & Journal
1. Aldawood SA, Omar O, Almohazey D, Atmeh AR.	Reliability of sealer penetration measurement methods and assessment of dentine penetrability after endodontic retreatment: A correlation in vitro study. Aust Endod J. 2024 Dec;50(3):595-603. Indexing: Scopus: ● Web of Science: ● PubMed: ●
2. Al-Khalifa KS, Ahmed WM, Azhari AA, Qaw M, Alsheikh R, Alqudaihi F, Alfaraj A.	The Use of Artificial Intelligence in Caries Detection: A Review. Bioengineering (Basel). 2024 Sep 18;11(9):936. Indexing: Scopus: ● Web of Science: ● PubMed: ●
3. Al-Dulaijan YA, Aldamanhori R, Algaoud H, Alshubaili R, Alkhateeb R, Alalawi H, Abualsaud R, Alqarawi FK, Al-Qarni FD, Gad MM.	Internal and marginal fits of 3D-printed provisional prostheses: comparative effect of different printing parameters. Front Oral Health. 2024 Dec 12;5:1491984. Indexing: Scopus: ● Web of Science: ● PubMed: ●
4. Alzaben B, Almas K, Aljofi FE, Aljabr AA, Alarfaj AH, Bin-Jardan LI, Giliyar SB, Aljoghaiman EA.	The prevalence of mandibular lingual concavity among the Saudi population of Eastern Province: A CBCT evaluation. Saudi Dent J. 2024 Dec 1;36(12):1618-22. Indexing: Scopus: ● Web of Science: ● PubMed: ●

5. **Assalman AS**, Al Onaizan F, Elgezawi M, Almulhim KS, Abdallah MA, Kaisarly D. [Influence of Endodontic Cavity Design on Interfacial Voids, Class II Resin Composites Sealing Ability and Tooth Fracture Resistance: An In Vitro Study.](#) J Clin Med. 2024 Oct 9;13(19):6024. Indexing: Scopus: ● Web of Science: ● PubMed: ●
6. **Kashaf A**, Alonaizan F, Almulhim KS, Almohazey D, Alotaibi DA, Akhtar S, Shetty AC, Khan AS. [An In Vitro Comparative Analysis of Physico-Mechanical Properties of Commercial and Experimental Bioactive Endodontic Sealers.](#) Bioengineering (Basel). 2024 Oct 28;11(11):1079. Indexing: Scopus: ● Web of Science: ● PubMed: ●
7. **Alquria TA**, Acharya A, Tordik P, Griffin I, Martinho FC. [Impact of root canal disinfection on the bacteriome present in primary endodontic infection: A next generation sequencing study.](#) Int Endod J. 2024 Aug;57(8):1124-1135. Indexing: Scopus: ● Web of Science: ● PubMed: ●

IN PRESS PUBLICATIONS

#	Authors	Title	Publisher & Date
1	Fouda SM, Gad MM, Ellakany P, et al.	Influence of denture brushing on the surface properties and color stability of CAD-CAM, thermoformed, and conventionally fabricated denture base resins.	Journal of Prosthodontics. 2023.
2	Alqanas S, Alsaheim J, Aljami A, Alsudairi N, Ahmad S, Sharma S, Rajinder S, Alamri A, Alhazmi H, Hegazi F.	Factors related to spontaneous space closure following early first permanent molar extraction: A systematic review.	International Journal of Paediatric Dentistry. 2024.
3	Alhumaidan AK, Alam BF, Alsuwaiyan A, Aljoghaiman EA, Helmi M, Ali S.	Scientific research trend on guided tissue regeneration: A bibliometric analysis.	European Journal of Dentistry. 2024.
4	AlGhamdi MA, Alatiyyah FM, Dawood ZH, Alshaikhnasser FY, Almedarham RF, Alboryh SY, Elakel A,	Flexural strength of 3D-printed nanocomposite provisional resins: Impact of SiO ₂ and ZrO ₂ nanoparticles	Journal of Prosthodontics. 2024.

- Akhtar S, Khan SQ, Gad MM. and printing orientations in vitro.
- 5 Daood U, Ilyas MS, Bashir S, Yousuf N, Rashid M, Kaur K, Bapat RA, Bijle MN, Pichika MR, Mak KK, Zhang S, Sheikh Z, Khan AS, Peters O, Matinlinna JP. Unravelling the Programmed Inflammation and Tissue Repair by a Multipotential Antimicrobial K21 Silane. International Dental Journal. 2024.
- 6 Gad MM, Hamad HM, Almohsin FM, Fouda SM, Akhtar S, Khan SQ, Rahoma A, Al-Qarni FD, Baba NZ, Al-Harbi FA. Repair strength of 3D-printed denture base resins: Effect of surface treatment and repair material type. Journal of Prosthodontics. 2024.
- 7 Balhaddad AA, Al Otaibi AM, Alotaibi KS, Al-Zain AO, Ismail EH, Al-Dulaijan YA, Alalawi H, Al-Thobity AM. The impact of Streptococcus mutans biofilms on the color stability and topographical features of three lithium disilicate ceramics. Journal of Prosthodontics. 2024.
- 8 AlGhamdi MA, Alatiyyah FM, Dawood ZHA, Alshaikhnasser FY, Almedarham RF. Flexural strength of 3D-printed nanocomposite provisional resins: Impact of SiO₂ and

- Alboryh SY, **Elakel A**, Akhtar S, Khan SQ, Gad MM. ZrO₂ nanoparticles and printing orientations in vitro.
- 9 Madi M, Sadaf S, Asiri A, AlHumaid J.** Empowering dental students' collaborative learning using peer assessment. *Medical Education.* 2024.
- 10 Ahmed SZ, Khan AS, Nasser WW, Alrushaid MA, Alfaraj ZM, Aljeshi MM, Shah AT, Sabri BA, Akhtar S, Hassan MI.** Physio-Mechanic and Microscopic Analyses of Bioactive Glass-Based Resin Infiltrants. *Microscopy Research and Technique.* 2024.
- 11 Moussa R, Ellakany P, Fouda SM, El-Din MS.** Comparative evaluation of the effects of laser and chemical denture disinfectants on the surface characteristics of CAD-CAM and conventional denture resins: An in vitro experimental study. *Journal of Prosthodontics.* 2024.
- 12 Ellakany P, Madi M, Elwan AH, Alshehri T, Aljubran H, Aly NM.** Influence of CAD-CAM manufacturing methods on the accuracy and

- mechanical properties of implant-supported prostheses: A systematic review.
- 13 Alalawi H.** A one-piece CAD-CAM printed custom implant healing abutment: A dental technique. *The Journal of Prosthetic Dentistry.* 2024.
- 14 Gad MM, Alramadan H, Alkoudemi M, Aljubran H, Altayyar R, Alghamdi D, Baba NZ, Khan SQ, Abualsaud R, Elhagali AF, Al-Harbi FA.** Effect of daily immersion of different beverages on the surface roughness and color stability of 3D-printed denture base resins. *Journal of Prosthodontics.* 2024.
- 15 Khan AS, AlAbdali A, Irshad N, AlMusayyab O, AlQahtani N, Shah AT, Akhtar S, Slimani Y.** Evaluation of Mechanical and Elemental Properties of Bioceramic-Coated Orthodontic Brackets and Enamel Surface. *European Journal of Dentistry.* 2024.
- 16 Al-Ansari A, et al.** Periodontitis increases the risk of gastrointestinal dysfunction: an update on the

- plausible pathogenic molecular mechanisms.
- 17 Mukherjee S, Chopra A, Karmakar S, Bhat SG. Flexural properties of additive manufactured resin designated for interim fixed dental prosthesis: Effect of nanoparticles, build direction, and artificial aging. *Critical Reviews in Microbiology*. 2024.
- 18 Gad MM, Al Mahfoudh HA, Al Mahfuth FA, Hashim KA, Khan SQ, Al-Qarni FD, Baba NZ, Al-Harbi FA. A comparative study of strength and surface properties of permanent 3D-printed resins with CAD-CAM milled fixed dental prostheses. *Journal of Prosthodontics*. 2024.
- 19 Alhajj MN, Omar R, Al-Maweri SA, Alsoghier AM, El Tantawi M, Khader Y, Al-Ansari A, Aseri A, Amran AG, AlBatayneh OB, Samran A. Translation and psychometric properties of the Arabic version of the ageism scale for dental students (ASDS-Ar): A multi-institutional validation. *Gerodontology*. 2024.



Vice Deanship of Postgraduate Studies and Scientific Research

Research Unit

Chairman:

Dr. Faisal AlQarni

Members:

Prof. Khalid Almas | Prof. Abdul Samad Khan | Dr. Neveen Mokhtar | Dr. Omar Mukhtar

Dr. Ashwin Shetty | Dr. Hatem Abouhashish | Dr. Balu Kamaraj | Dr. Maria Ibrahim

Dr. Abdulrahman Balhaddad | Dr. Zahra AlDawood

For further information and comments,
please contact Tel: 013-33-31510 | Email: vdpg.dent@iau.edu.sa