

Curriculum Vitae

Ahmed Jamleh, BDS, MSc, PhD, JB_{Endod}

NAME: Prof. Ahmed Jamleh
NATIONALITY: Jordanian
PERSONAL DATA: Arabic (Fluent), English (Fluent), Japanese (Good)

CURRENT TITLES:

- **Professor in Endodontics**
- **Key Opinion Leader, Kerr Endodontics, Switzerland**
- **Advisory Board member, College of Dentistry, Princess Nourah bint Abdulrahman University**

ADDRESS: College of Dental Medicine, University of Sharjah, Sharjah, UAE

EDUCATION:

DENTAL EDUCATION:

Bachelor of Dental Surgery (BDS) – Jordan University, Jordan (2001-2006)

GRADUATE EDUCATION:

Doctor of Philosophy (PhD) in Pulp Biology and Endodontics, Tokyo Medical and Dental University, Japan (2010-2013)

Master of Science (MSc.) in Endodontics, Jordan University of Science and Technology, Jordan (2007-2009)

BOARD:

Endodontic Board certificate, Jordan Medical Council, Jordan (2013)

PROFESSIONAL MEMBERSHIP:

Jordan Dental Association

Saudi Commission for Health Specialties

Jordan Endodontic Society

Saudi Endodontic Society

PRACTICAL EXPERIENCE:

Position	Institution	Country	Period
Professor of Endodontics	College of Dental Medicine, University of Sharjah	Sharjah, UAE	2023- Present
Professor of Endodontics	College of Dentistry, King Saud bin Abdulaziz University for Health Sciences	Riyadh, KSA	2022- 2023
Consultant Endodontist	College of Dentistry, King Saud bin Abdulaziz University for Health Sciences	Riyadh, KSA	2021- 2023
Associate Professor of Endodontics	College of Dentistry, King Saud bin Abdulaziz University for Health Sciences	Riyadh, KSA	2018- 2022
Visiting Assistant Professor	College of Dentistry, McGill University	Montreal, Canada	7/2017- 9/2017
Assistant Professor of Endodontics	College of Dentistry, King Saud bin Abdulaziz University for Health Sciences	Riyadh, KSA	2013- 2018
Research Assistant	Tokyo Medical and Dental University	Tokyo, Japan	2012-2013
Resident in Endodontics	Advanced Clinical Training Program, Tokyo Medical and Dental University Hospital	Tokyo, Japan	2011-2013
Teaching Assistant in Endodontics	Jordan University of Science and Technology	Irbid, Jordan	2008-2009
General Practitioner	Private Clinics	Amman, Jordan	2007-2009
Research Assistant	Jordan University	Amman, Jordan	2007
Intern	Jordan University Hospital	Amman, Jordan	2006-2007

ACADEMIC APPOINTMENTS:

Position	Institution	Country	Period
Course Coordinator of Operative Dentistry and Endodontics course (RSEN 513)	College of Dentistry, King Saud bin Abdulaziz University for Health Sciences, Ministry of National Guard Health Affairs	Riyadh, KSA	2022-2023
Instructor in Endodontic courses (ENDD411, ENDD512, and ENDD613)			2013- 2023
KPI Expert			2016- 2023
Chief Coordinator of Endodontic courses (ENDD411, ENDD512, and ENDD613)			2014- 2020
Course Coordinator of Translational Case Conference II (AUXD617)			2018- 2020
Course Coordinator of Translational Case Conference I (AUXD516)			2016- 2019
Course Coordinator of Dental Biomaterials I (DMAT311)			2014- 2018
Course Coordinator of Endodontics I (ENDD411)			2014- 2020
Student Advisor			2014- 2023
Certified Item Author	Saudi Commission for Health Specialties		2018-2025

COMMITTEE APPOINTMENTS:

	Name	Position	Institution	Country	Period
20	Advisory Board	Member	College of Dentistry, Princess Nourah bint Abdulrahman University	Riyadh, KSA	2023-2024
19	Standard 3: Learning and Teaching	Member	King Saud bin Abdulaziz University for Health Sciences	Riyadh, KSA	2023-2023
18	University Student Research Board	Member			2022-2023
17	Jordanian Dentists Expats	Member	Jordan Dental Association	Jordan	2022-2024
16	Research Unit	Chairperson	College of Dentistry, King Saud bin Abdulaziz University for Health Sciences, Ministry of National Guard Health Affairs	Riyadh, KSA	2020-2023
15	Research Committee	Chairperson			2019-2023
14	College Council	Member			2020-2023
13	Executive Management Group	Member			2020-2023
12	Annual Report Review Taskforce Committee	Member			2020-2023
11	Performance management subsection	Leader			2020-2023
10	Accreditation subsection	Member			2020-2023
9	Research's strategic plan and performance indicators section	Head	2020-2023		

8	President's Award subcommittee	Member			2020-2021
7	Credentialing and Promotion Committee	Member			2018-2023
6	Continuing education committee	Chairperson			2018-2021
5	Campaign Awareness for the NCAAA	Leader			2016
4	Quality Assurance and Academic Accreditation Committee	Member			2014-2023
3	Research Committee	Member			2014-2019
2	Tender Evaluation Committee	Member			2014-2017
1	Curriculum Steering Committee	Member			2013-2019

THESES EXAMINER:

	Thesis Title	Type	Candidate	College	University	Country	Year
1	Influence of Thermal-mechanical Aging on Resistance to Fracture, Dislodgement and Stress Distribution of Mandibular Premolars Filled with Calcium Silicate Sealer	PhD	Ahlam Smran	Faculty of Dentistry	Universiti Malaya	Malaysia	2023
2	Impact of EDTA, Qmix and Citric Acid solutions used for smear layer removal on root dentin nanohardness and flexural strength: An in vitro study	MSc	Abdullah Muteb Alharbi	College of Dentistry	Riyadh Elm University	KSA	2023
3	Influence of Access Cavity Design on The Efficiency of Canal Instrumentation & Fracture Resistance on Mandibular Molars Using CBCT	MSc	Rawan Meshal Al Otaibi	College of Dentistry	Riyadh Elm University	KSA	2023
4	Evaluation of Remaining Root Dentin Thickness After Using Different Rotary Instrumentation Techniques: A CBCT Study	MSc	Musaed Abdullah Hasan Alshammari	College of Dentistry	Riyadh Elm University	KSA	2023

HONORS AND AWARDS:

Title	Honor/Award	Institution	Country	Year
Judge	Oral Presentation Session	Interns Research Day, College of Dentistry, King Abdulaziz University	Jeddah, KSA	2023
Oral Presentation Competition Award	3rd Place	3rd Career and Research Day, College of Dentistry, KSAUHS	Riyadh, KSA	2023
Consultant	Mentorship Consultation & Networking Session	Career and Research Day 2023, College of Dentistry, KSAUHS		2023
Reviewer	Abstracts			2023
Judge	Poster Presentation	CPHHI7, KSAUHS		2023
Consultant	Mentorship Consultation & Networking Session	6th International Association For Dental Research Africa and Middle East Region Conference (IADR AMER) in conjunction with the 3rd (IADR Saudi Division) Annual Conference	Riyadh, KSA	2022
Examiner	Clinical examination for Saudi endodontic board	Saudi Commision for Health Specialties		
Session moderator	Keynote speech	Saudi Endodontic Society conference 22		
Evaluator	Poster Presentation Session	Dental Residents Retreat Day		
Oral Presentation Competition Award	2nd Place	Dental Residents Retreat Day		
Judge	Poster Presentation Session	9th Annual Intern Research Day, Prince Sattam University	Kharj, KSA	
Judge	Oral Presentation Session	5th Career and Research Day, College of Dentistry, KSAUHS	Riyadh, KSA	
Judge	Oral Presentation Session	Interns Research Day, College of Dentistry, King Abdulaziz University	Jeddah, KSA	2021
Oral Presentation Competition Award	2nd Place	4th Career and Research Day, College of Dentistry, KSAUHS	Riyadh, KSA	
Outstanding Researcher- First Place	University President's Award	King Saud bin Abdulaziz University for Health Sciences		
Poster Presentation Competition Award	1st Place	3rd Career and Research Day, College of Dentistry, KSAUHS		2020
COD Team Supervisor	AEEDC Knowledge Champion (First Place)	AEEDC	Dubai, UAE	
Judge	IADR Saudi Arabian division Hatton Competition	The Saudi International Dental Conference	Riyadh, KSA	
IADR Saudi Arabian division Hatton Competition	4th Place	King Abdulaziz University 5th International Dental Conference	Jeddah, KSA	2019

Oral Presentation Competition Award	1st Place	2nd Dental Research Day, College of Dentistry, KSAUHS	Riyadh, KSA	2018
Judge	Poster Presentation Session	International Association for Dental Research (IADR)- Saudi Section, Al-Yamama Hospital		
Poster Competition Award	3rd Place	8th Saudi Endodontic Society Conference		
Best Faculty	University President's Award- 1st Place	King Saud bin Abdulaziz University for Health Sciences		
Judge	Oral Presentation Session	Health Professions Conference, King Saud bin Abdulaziz University for Health Sciences		
Best Researcher	Junior Researcher Award	The 11 th MNG-HA Annual Research Award, King Abdullah International Medical Research Center	London, UK	2018
Chair	Poster Session	The 96 th General Session and Exhibition of the International Association for Dental Research (IADR) and the IADR Pan European Regional Congress		
Poster Presentation Competition Award	2nd Place	Interns Research Day, College of Dentistry, King Abdulaziz University		
Judge	Poster session	Interns Research Day, College of Dentistry, King Abdulaziz University		
Chair	Poster session	Health Professions Conference, King Saud bin Abdulaziz University for Health Sciences		
Best Faculty	Faculty Award	College of Dentistry, King Saud bin Abdulaziz University for Health Sciences	Riyadh, KSA	2017
Referee	Oral Presentation	Dental Scientific Student Meeting	Al-Qassim, KSA	2016
Excellent Researcher	Excellent Researcher Certificate	Tokyo Medical and Dental University	Tokyo, Japan	2013
Recipient	Four-year Scholarship in Pulp Biology and Endodontics	Ministry of Education, Culture, Sports, Science and Technology		2009

Elected as Class Representative	Master of Science in Endodontics	Jordan University of Science and Technology	Irbid, Jordan	2007
Elected as Class Representative	Pre-doctoral studies	Jordan University	Amman, Jordan	2002

PROFESSIONAL ACTIVITIES:

Given Activity	Institution	Country
“Tips and Tricks for Gentle Canal Shaping” Workshop	KERR Company	Almadina, KSA
“A journey in obtaining a grant and conducting dental research at KAIMRC” Lecture	Continuous Professional Development Unit, COD-KSAUHS	Riyadh, KSA
“Tips and Tricks for Gentle Canal Shaping” Workshop	KERR Company	Riyadh, KSA
“A Roadmap for Publishing Dental Research in ISI Journals” Lecture	6th International Association For Dental Research Africa and Middle East Region Conference (IADR AMER) in conjunction with the 3rd (IADR Saudi Division) Annual Conference	Riyadh, KSA
“Faculty Research Procedures” Lecture	Office of Research, KSAUHS	
“Tips and Tricks for Gentle Root Canal Treatment” Workshop	KERR Company	Jeddah, KSA
“Setting New Standards in Root Canal Treatment” Workshop		Riyadh, KSA
“Tips and Tricks for Gentle Root Canal Treatment” Workshop		Alkhobar, KSA
“Gentle Treatment: A Potential Key to Successful Endodontics” Lecture	College of Dental Medicine, University of Sharjah	Sharjah, UAE
“Common Mistakes in Research: How to Avoid Them” Lecture	Career and research day, COD, KSAUHS	Riyadh, KSA
“KPI Selection and Reporting” Workshop	CPHHI-KSAUHS	
"How to Publish your Scientific Works in ISI Journals" Lecture	PSMMC	
"Applying for Research Fund at KAIMRC" Lecture	Research unit, COD, KSAUHS	
"Research Proposal" Lecture	Dental Postgraduate Education Board Programs, NGHHA	
“Highlights on Faculty Research at COD” Lecture	Continuous Professional Education, COD-KSAUHS	
KSAUHS-College of Medicine Accreditation Process: “Research standard” Session	College of Medicine-KSAUHS	
“Research Proposal Submission for Research Courses” Workshop	Continuous Professional Education-KSAUHS	
“Endodontic Research Success Stories” Lecture	IADR-Saudi Arabian Division	
“Research on Endodontic File Instruments” Lecture	Vinayaka Mission's Sankarachariyar Dental College	
“Conducting Research at the College of Dentistry” Lecture	KSAUHS	Riyadh, KSA
“Special Tips and Tricks in Endodontic Field” Workshop		

“Lab Research” Lecture		
“Your road to treatment success- Gentle Endodontics” Lecture	Private sector	
“Reciprocating Motion in Endodontics; the Good, the Bad and the Ugly” Lecture	Jordanian Endodontic Society	Amman, Jordan
“How to Analyze Micro-Computed Tomography Data” Workshop	KSAUHS	Riyadh, KSA
“Micro-Computed Tomography Applications in Dentistry” Workshop		
“Visualizing Dentinal Micro-Cracks Using Micro-Computed Tomography Technology” Lecture	McGill University	Montreal, Canada
“Failure of Root Canal Treatment” Lecture	Private Sector	Riyadh, KSA
“Dentinal Crack Development” Lecture	Saudi Board of Endodontics	
“Endodontic Examination and Diagnosis” Lecture	Ministry of Health	Hail, KSA
“Metallurgy of Endodontic Nickel-Titanium Instruments” Lecture		
“Endodontic aspects in Traumatic Injuries” Lecture		
“Understanding effects of Endodontic procedures on tooth structure” Lecture	Saudi Board of Endodontics	Riyadh, KSA
“Gentle Endodontics” Lecture	Jordanian Endodontic Society	Amman, Jordan
“Failure Factors of NiTi Rotary Instruments” Lecture		

Attended Conference	Country	Year
Envista Summit 2023	Dubai, UAE	2023
Career and Research Day, College of Dentistry		2023
CPHHI7, KSAUHS		2023
6th International Association For Dental Research Africa and Middle East Region Conference (IADR AMER) in conjunction with the 3rd (IADR Saudi Division) Annual Conference		Riyadh, KSA
Saudi Endodontic Society conference 22		
Dental Residents Retreat Day		
Research Day, Sattam University		
Career and Research Day, College of Dentistry		
The Saudi International Dental Conference		
2nd IADR Saudi Arabian Symposium	(Virtual) Riyadh, KSA	2021
13th Dental Facial Cosmetic Conference	(Virtual) Dubai, UAE	
PSMMC Dental Research Day	Riyadh, KSA	
Riyadh Global Medical Biotechnology Summit	(Virtual) Riyadh, KSA	

Saudi Endodontic Society conference	(Virtual) Riyadh, KSA	
Interns Research Day- Faculty of Dentistry, King Abdulaziz University	(Virtual) Riyadh, KSA	
Career and Research Day 4- College of Dentistry, KSAUHS	(Virtual) Riyadh, KSA	
The Saudi International Dental Conference	(Virtual) Riyadh, KSA	
IADR Saudi Arabian division Symposium	(Virtual) Riyadh, KSA	
Tokyo Medical and Dental University International symposium	(Virtual) Tokyo, Japan	2020
Career and research Day	Riyadh, KSA	
Saudi Orthodontic Society Conference	Riyadh, KSA	
AEEDC	Dubai, UAE	
The Saudi International Dental Conference	Riyadh, Saudi Arabia	
Research Joint Project Forum	Riyadh, Saudi Arabia	2019
AIO International Congress “Vision on new visions in dentistry”	Sardinia, Italy	
Health Profession Conference, KSAUHS	Riyadh, Saudi Arabia	
Research Day, COD-KSAUHS	Riyadh, Saudi Arabia	
8th International Saudi Endodontic Society Conference	Riyadh, Saudi Arabia	
The 96 th General Session and Exhibition of the International Association for Dental Research (IADR) and the IADR Pan European Regional Congress	London, UK	2018
SIE International Congress	Rome, Italy	2016
Dental Scientific Student Meeting	Al-Qassim, KSA	
European Society of Endodontology	Barcelona, Spain	2015
American Association of Endodontists conference	Seattle, USA	
The 92 nd General Session of the International Association for Dental Research (IADR) and AMER	Cape Town, South Africa	2014
The 43rd Annual Meeting & Exhibition of the AADR/ 38th Annual Meeting of the CADR	Charlotte, USA	
The 3rd International Endodontic Conference	Amman, Jordan	2013
The 1st International Endodontic Conference	Amman, Jordan	2008
International Conference and Dentsply Symposium	Dead Sea, Jordan	

ABSTRACTS:

Presentation Title	Conference	Country	Year
Retreatability of TotalFill bioceramic and AH Plus Sealers with WaveOne Gold: A MicroCT Study	Career and Research Day	Riyadh, KSA	2023
The Effect of Cooling on the Shaping Ability of Thermally Treated Files in Double Curvature canal models	The Saudi International Dental Conference	Riyadh, KSA	2023
Investigation of NiTi file fracture in retreatment cases	7th Pan Arab Endodontic Conference	Dubai, UAE	2022
Retreatability of TotalFill bioceramic and AH Plus Sealers with WaveOne Gold	2022 IADR/APR General Session & Exhibition	China (Virtual)	2022
A Predictable Removal of Fiber Post Using 3D Endodontic Stent: A Case Report	Dental Residents Retreat Day	Riyadh, Saudi Arabia	
A bibliometric analysis of articles published in the Saudi Endodontic Journal	5th Career and Research Day	Riyadh, KSA	
Assessment of the Educational Value of Endodontic Access Cavity Preparation YouTube Video as a Learning Resource for Students			
Evaluation of YouTube videos for patients' education on periradicular surgery			
Effect of COVID-19 Pandemic on the Quality of YouTube Videos relating to Endodontic access Cavity Preparation			
Influence of AH Plus and TotalFill Bioceramic Sealers on the Developed Vertical Load and Torque during Root Canal Retreatment with WaveOne Gold File System			
Fiber Post removal Using A Conservative Fully Guided Approach: A Dental Technique	Health Profession Conference	Riyadh, KSA	
Evaluation of YouTube Videos for Patients' Education on Periradicular Surgery			
Evaluation of YouTube videos for dental students on endodontic access cavity preparation			
Effect of Endodontic Sealer on the Vertical Load and Torque Generated during Root Canal Retreatment	SES Conference	Riyadh, KSA	2021
Determining the Second Mesiobuccal Canal in Maxillary Molars using Micro-Computed Tomography Technology	ToScA North America 021	Texas, USA	
Does Single-File Systems Induce Favorable Shaping Forces?	Career and Research Day-KSAUHS	Riyadh, KSA	
Performance of XP Shaper and WaveOne Gold instruments after Shaping Simulated Canals at Simulated Body Temperature			
Does Post Space Preparation Develop Dentinal Microcrack? A MicroCT Study	IADR Saudi Arabian division symposium	Riyadh, KSA	2020
The association between taste threshold and DMFS index score in adult dental patients			
Performance of XP Shaper during Canal Instrumentation: An in Vitro Study	Career and Research Day-KSAUHS	Riyadh, Saudi Arabia	

Evidence for Reduced Torsional Resistance of Rotary Instruments under Curved Position			
Torsional Resistance of Rotary Instruments in Curved Position at Simulated Intracanal Temperature	AEEDC	Dubai, UAE	
Deformation of XP Shaper and WaveOne Gold instruments after Shaping Simulated Canals at Simulated Body Temperature			
Assessment of thermal changes in different restorative materials using a thermal camera	Lasers in Dentistry XXVI -SPIE	California, USA	
Shaping ability of XP shaper and WaveOne Gold instruments under simulated body temperature	The Saudi International Dental Conference	Riyadh, Saudi Arabia	2019
NiTi instrument fracture during root canal treatment and re-treatment	The 1st General Meeting of the Asian-Oceanian Federation of Conservative Dentistry	Seoul, Korea	
Evidence for Reduced Torsional Resistance of Rotary Instruments under Curved Position	King Abdulaziz University 5th International Dental Conference	Jeddah, KSA	
Microcomputed Tomography Assessment of Cuspal Deflection Following Temporary Filling Placement in Endodontically Treated Teeth	AIO International Congress	Sardinia, Italy	
A Micro-Computed Tomography Assessment of the Second Mesio-buccal Canal in Maxillary Molars	COD Research Day	Riyadh, KSA	
Root Canal Treatment of Maxillary First Molar with Vertucci Type V Diagnosed by Cone Beam Computed Tomography: A Case Report	8th Saudi Endodontic Society Conference	Riyadh, KSA	
Effect of Canal Instrumentation on the Microcrack Development: A Micro-CT Study	8th Saudi Endodontic Society Conference	Riyadh, KSA	
Cyclic Fatigue of EdgeTaper Platinum File at Simulated Body Temperature	8th Saudi Endodontic Society Conference	Riyadh, KSA	
Axial Forces and Maximum Torque during Canal Shaping using XP-Endo Shaper and ProTaper Next Systems	AEEDC	Dubai, UAE	
Mechanical Properties of EdgeEndo Endodontic Instruments at Simulated Body Temperature	The Saudi International Dental Conference	Riyadh, KSA	
MicroCT Assessment of Temporary Filling Effect on Endodontically Treated Tooth	The 96th General Session and Exhibition of the International Association for Dental Research (IADR) and the IADR Pan European Regional Congress	London, UK	
Detecting Second Mesiobuccal Canals in Maxillary First and Second Molars		London, UK	
Optical Evaluation of Marginal Gap Formation in Class-II Bulk-fill Composite Restorations		London, UK	
Torsional Resistance of EdgeTaper Platinum and EdgeOne Platinum Endodontic Instruments		London, UK	
Vertical Force Induced with WaveOne Gold System During Canal Shaping		London, UK	

Awareness of Dental Recall among General Dental Practitioners in Riyadh	Interns Research Day	Jeddah, Saudi Arabia	2017
Safe Spreader Insertion Forces were Induced by Undergraduate Students	Health Professions Conference	Riyadh, Saudi Arabia	
Vertical Load Generated with New File Systems during Canal Preparation	European Society of Endodontology	Brussels, Belgium	2016
Investigation of Tugback Sensation after Canal Shaping	AEEDC	Dubai, UAE	
Temperature effect on the performance of the rotary NiTi endodontic instrument	SIE International Congress	Rome, Italy	2014
Recall Practice among Dental Practitioners in Saudi Arabia	The 9 th scientific conference, School of Dentistry-University of Jordan	Amman-Jordan	
Evaluation of Vickers hardness of bulk-fill composites cured by different light sources	SPIE Photonics West	San Francisco, USA	
Strain during Canal Shaping and its Influence on Microcracks Development	The 92nd General Session of the International Association for Dental Research (IADR) and the IADR Africa/Middle East Region (AMER) Meeting	Cape Town, S. Africa	2014
Deflecting Load Change of NiTi Rotary Instruments During Cyclic Fatigue Test	The 134th Meeting of the Japanese Society for Conservative Dentistry	Okinawa, Japan	2012
Nanoindentation of NiTi Endodontic Instruments after Cyclic Fatigue	The 136th Scientific meeting of Korean Academy of Conservative Dentistry and 13th Scientific joint meeting between JSCD and KACD	Seoul, Korea	2011
Change of fatigue property of Ni-Ti rotary instruments through heat treatment	American Association of Endodontists	Texas, USA	
Dispersion of lifetime in NiTi files	The 132nd Meeting of the Japanese Society for Conservative Dentistry	Gifu, Japan	2010

ACADEMIC EDITOR

PLOS One

ACADEMIC REVIEWER in Peer-review Journals:

ISI-indexed Journals		Web of Science-indexed Journals	Scopus-indexed Journal
Journal of Endodontics	Scientific Reports	European Endodontic Journal	Saudi Endodontic Journal
Australian Endodontic Journal	Journal of Scanning Microscopies	International Journal of Dentistry	Iranian Endodontic Journal
Dental Materials Journal	Journal of Oral Sciences	BMC Medical Education	European Journal Of Dentistry
Quintessence International	Nigerian Journal Of Clinical Practice		Open Journal of Dentistry and Oral Medicine
BMC Oral Health	Brazilian Oral Research		
European Journal of Dental Education	BioMed Research International		
Healthcare (MDPI)	Materials (MDPI)		
Part H: Journal of Engineering in Medicine	PeerJ		

RESEARCH ACTIVITIES:

Mechanical characterization of endodontic instruments
Shaping abilities of endodontic instruments
Antimicrobial activities of endodontic disinfectants
Effect of endodontic procedures on the root canal wall
Micro-tensile bond strength
Vertical force and torque during endodontic procedures
Effectiveness of endodontic irrigation devices
Micro-Computed Tomography applications in Endodontics
Canal morphology studies
Teaching assessment
Clinical studies in Endodontics

RESEARCH COLLABORATION:

Institution	Country	Institution	Country
McGill University	Canada	Jordan University of Science and Technology	Jordan
University of New England	USA	University of Sharjah	UAE
Tokyo Medical and Dental University	Japan	Kuwait University	Kuwait
National University of Asuncion	Paraguay	University of Jordan	Jordan
King Abdulaziz University	Saudi Arabia	Company (Dentsply Sirona)	Switzerland
King Saud University	Saudi Arabia	Company (FKG Dentaire)	Switzerland
Imam Abdulrahman Bin Faisal University	Saudi Arabia	Company (SybronEndo)	USA
MBRU	UAE	University of Naples Federico II	Italy
University of Khartoum	Sudan	University of Toronto	Canada

GRANTS:

Proposal title	Funding agency	Amount (in USD)	Year
Effect of Phytic Acid on Mechanical Characterization of Endodontic Instruments	Sharjah University	4000	2022
Impact of Cooling on Shaping Ability of Thermally Treated Files in Canal Models with Double Curvature	King Abdullah International Medical Research Center	23,650	2022
NRC22R/497/10: "Developments and Performance of Artificial Intelligence (AI) Models Designed for Applications in Endodontics- A Systematic Review		None	2022
NRC22R/315/06: "Prevalence of Endodontic Procedural Errors among Dental Students"		None	2022
FR0615 "Cyclic fatigue resistance of Traverse rotary glide path files"	College of Dentistry Research Center, King Saud University	None	2021
NRC21R/465/10: "Perceptions Towards Collaborative Research"	King Abdullah International Medical Research Center	None	2021
NRC21R/012/01/R "Evaluation of YouTube Videos for Patients' Education on Periradicular Surgery	King Abdullah International	None	2021
RC20/652/R: Dental Interns' Perception of Difficulties Encountered during Endodontic Treatment in Saudi Arabia: A Cross-Sectional Study		None	2020

RC20/570/R: Effect of Root canal Retreatment with Single-file Rotary Systems on Vertical Force and Torque	Medical Research Center	None	2020
RC19/485/R: Analysis of Vertical Load, Torque and Microcracks Generated During Post Space Preparation: In Vitro Study		18,700	2020
SP19/395/R: Torsional Resistance Failure of Endodontic NiTi File Instruments in Curved Position		10,666	2019
RC19/062/R: Effect of number of uses of XP-Endo Shaper File on Shaping Ability of Curved Root Canal Models		15,000	
RC18/187/R: Vertical Force and Torque induced with XP-endo Shaper, iRaCe, ProTaper Next, and Reciproc Blue during Canal Shaping		15,500	2018
RC17/212: Torsional resistance of new nickel-titanium rotary endodontic instruments		5,334	
RC17/189: Monitoring the Behavior of Temporary Filling in Endodontically Treated Teeth Using Micro-Computed Tomography		22,600	
RC17/008/R: Vertical Load Induced with WaveOne Gold System during Canal Shaping		14,066	2017
RC16/069/R: Effect of Spreader Penetration Force on Three-Dimensional Obturation Quality Performed by Undergraduate Students		None	2016
SP16/036: Recall Practice Among Dental Practitioners in Riyadh, Saudi Arabia		None	
RC15/107/R: Effect of Canal Preparation on the Apical Adaptation of Gutta Percha		30,000	
RC15/027/R: Dentinal Crack Initiation and Propagation by Endodontic Procedures		20,000	2015
RC10/043: A micro-CT study of the mesiobuccal root canal morphology of maxillary first molar tooth in Saudi Arabian population		397,830	2010

PUBLISHED WORKS:

Type	Authors	Title	Journal/Book	Year
PhD Thesis	<u>Jamleh A</u>	An Investigation into the Mechanical Properties of Nickel Titanium Endodontic Instruments	Tokyo Medical and Dental University	2013
MSc Thesis	<u>Jamleh A</u>	An ex-Vivo Antifungal Efficacy of Four Irrigants; MTAD, Propolis, Chlorhexidine and NaOCl against Candida Albicans	Jordan University of Science and Technology	2009
Book Chapter	<u>Jamleh A</u> , Ibrahim N.	Nonsurgical Root Canal Treatment Case (Mandibular Molar)	Clinical Cases in Endodontics (Wiley-Blackwell)	2018
Original Article	61. Rahaf Almohareb, Reem Barakat, Fahda Algahtani, Amal Altamimi, Jenan Alfuraih, Lena Bahlol, <u>Ahmed Jamleh</u>	Cyclic Fatigue Resistance and Torsional Resistance of Novel Blue Wire Nickel Titanium Files	Journal of Biomedical Materials Research- Applied Biomaterials	Submitted
	60. <u>Ahmed Jamleh</u> , Hajar Albanyan, Ali Alaqla, Hamad Alissa, Nawaf Alshetan, Sulaiman Alraffa, Abdulmohsen Alfadley	Impact of Cooling on Shaping Ability of Thermally Treated Files in Canal Models with Double Curvature	PeerJ	2023

59. Ahmed Jamleh , Mohannad Nassar, Abdulmohsen Alfadley, Azhar Alanazi, Hadeel Alotiabi, Maryam Alghilan, Khalid Alfouzan	Retreatment of oval-shaped root canals filled with TotalFill bioceramic or AH Plus sealer	Scientific Reports	2023
58. SB Khanagar, A Alfadley, K Alfouzan, M Awawdeh, A Alaqla, A. Jamleh	Developments and Performance of Artificial Intelligence Models Designed for Application in Endodontics: A Systematic Review	Diagnostics	2023
57. Md Sofiqul Islam, Mohannad Nassar, Stancy D'suza, Milan Praveen, Hani Alsamari, Ahmed Jamleh	Tinnitus Prevalence and Associated Factors Among Dental Clinicians in United Arab Emirates	IJERPH	2023
56. Diletta Forgione, Mohannad Nassar, Roda Seseogullari-Dirihan, Ahmed Jamleh , Arzu Tezvergil-Mutluay	Effect of Phytic Acid on Dentinal Collagen Solubilization and its Binding and Debinding Potentials to Dentin	Journal of Dentistry	2023
55. Hatem Alqarni, Ahmed Jamleh , Mark S. Chamber	Chlorhexidine as a Disinfectant in the Prosthodontic Practice: A Scoping Review	Cureus	2022
54. Abdullah Alfadda, Abdulmohsen Alfadley, Ahmed Jamleh	Fiber post removal using a conservative fully guided approach: A dental technique	Case Reports in Dentistry	2022
53. Ahmed Jamleh , Shooq Mohammed Aljuhani, Faisal Fahad Alzamil, Shahad Mohammad Aljuhayyim, Modhi Nasser Alsubaei, Showq Raad Alali, Nawaf Munawir Alotaibi, Mohannad Nassar	Assessment of the Educational Value of Endodontic Access Cavity Preparation YouTube Video as a Learning Resource for Students	PLOS One	2022
52. Hossam Alfawaz, Abdullah Alqedairi, Maha Alhamdan, Najla Alkhzim, Shatha Alfarraj, and Ahmed Jamleh	Effect of NaOCl and EDTA Irrigating Solutions on the Cyclic Fatigue Resistance of EdgeTaper Platinum Instruments	BMC Oral Health	2022
51. Ahmed Jamleh , Mohannad Nassar, Abdulmohsen Alfadley, Azhar Alanazi, Hadeel Alotiabi, Maryam Alghilan, Khalid Alfouzan	Assessment of bioceramic sealer retreatability and its influence on force and torque generation	Materials	2022
50. Ahmed Jamleh	Effect of Blue Thermal Treatment on Shaping Force Induced with Endodontic Files	European Endodontic Journal	2022

49. Amre Atmeh, Rakan Alharbi, Ibrahim AlAljamaan, Abdulrahman Alahmari, Ashwin Shetty, Ahmed Jamleh , and Imran Farooq	The effect of sealer application methods on voids volume after ageing of three calcium silicate-based sealers: A micro-computed tomography study.	Tomography	2022
48. Abdulmohsen Alfadley, Ikram Ul Haq, Hussam Alfawaz, Ahmed Jamleh	Scientometric Evaluation of Endodontic Publications by Gulf Cooperation Council Region in 21st Century	Saudi Dental Journal	2021
47. Ahmed Jamleh , Mohannad Nassar, Hamad Alissa, Abdulmohsen Alfadley	Evaluation of YouTube Videos for Patients' Education on Periradicular Surgery	PLOS ONE	2021
46. Sanjeev B Khanagar, Ali Al-Ehaideb, Ahmed Jamleh , Khansa Ababneh, Prabhadevi C Maganur, Satish Vishwanathaiah, Mohammed Adel Awawdeh, Sachin Naik, Abdulaziz A. Al-Kheraif, Shilpa Bhandi, Alessio Zanza, Luca Testarelli, Shankaragouda Patil	Psychological distress among undergraduate dental students in Saudi Arabia and its coping strategies - a systematic review.	Healthcare	2021
45. Abdulmohsen Alfadley, Ikram Ulhaq, Ahmed Jamleh , Saad Alnazhan, Khalid Alfouzan	A bibliometric analysis of research articles published in the Saudi Endodontic Journal from 2011 to 2020: A retrospective study	Saudi Endodontic Journal	2021
44. Ahmed Jamleh , Maryam Alghilan, Asma Alsharif, Nouf Alqahtani, Abdulrahman Aloqayli, Abdulkader Aljarrah	Vertical Load and Torque during Post Space Preparation and their Influence on Microcrack Development	Journal of Prosthodontics	2021
43. Altayeb Abdalla Ahmed, Rawia Mohamed Ahmed, Ahmed Jamleh	Morphometric Analysis of the Mandibular Canal, Anterior Loop, and Mental Foramen: A Cone-beam Computed Tomography Evaluation	IJERPH	2021
42. Ahmed Jamleh , Mohannad Nassar, Abdulmohsen Alfadley, Sulthan Khan, Khalid Alfouzan, Carlos Adorno	Effect of Additional Apical Enlargement on Microcrack Formation in Root Dentine: A MicroCT Study	Clinical Oral Investigations	2021
41. S. Kim, M. Nassar, Y. Tamura, N. Hiraishi, A. Jamleh , T. Nikai, J. Tagami	The Effect of Reduced Glutathione on the Toxicity of Silver Diamine Fluoride in Rat Pulpal Cells	Journal of Applied Oral Science	2021
40. Taher Al Omari, Ruba Mustafa, Hamza El-Farraj, Waheeb Khaled, Rami Al Fodah, Ahmed Jamleh	Debris Extrusion using Reciproc Blue and XP Endo Shaper Systems in Root Canal Retreatment	International Journal of Dentistry	2021

39. Ahmed Jamleh , Nouf Almayouf, Rasha Alomar, Raghad Almedlej, Abdulmohsen Alfadley and Khalid Alfouzan	Evidence for Reduced Torsional Resistance of Rotary Files under Curved Position	Saudi Dental Journal	2021
38. Mohannad Nassar, Ahmad Dargham, Ahmed Jamleh , Yukihiko Tamura, Noriko Hiraishi, Junji Tagami	The Hormetic Effect of Arsenic on Rat Pulpal Cells: An In Vitro Preliminary Study	European Journal of Dentistry	2020
37. Alaa Turkistani, Adnan Nasir, Yasser Merdad, Ahmed Jamleh , Ehab Alshouibi, Alireza Sadr, Junji Tagami, Turki Bakhsh	Evaluation of Microleakage in Class-II Bulk-Fill Composite Restorations	Journal Of Dental Sciences	2020
36. Abdulmohsen Alfadley, Emad Masuadi, Tarig Awad Mohamed, Ahmed Jamleh	Influence of Lecture Attendance and Prerequisite Academic performance on Dental Students' Performance in a Clinical Endodontic Course	Saudi Endodontic Journal	2020
35. Abdulmohsen Alfadley, Abdalrhman Alrajhi, Hamad Alissa, Faisal Alzeghaibi, Lubna Hamadah, Khalid Alfouzan, and Ahmed Jamleh	Shaping Ability of XP Endo Shaper File in Curved Root Canal Models	International Journal of Dentistry	2020
34. Mohannad Alasqah, Sulthan Ibrahim Raja Khan, Khalid Al-Fouzan, and Ahmed Jamleh	Regenerative Endodontic Management of an Immature Molar using Calcium hydroxide and Triple Antibiotic Paste: Two-Year Follow-up	Case Reports in Dentistry	2020
33. Ahmed Jamleh , Abdulmohsen Alfadley, Naser Alghofaili, Hani Jamleh, Khalid Alfouzan	Analysis of Force and Torque with XP Shaper during Canal Shaping in Vitro	European Endodontic Journal	2020
32. Taher AlOmari, Ghadah AlThobiti, Sabri AlThobaiti, Fayez AlOufi, Emad Masuadi, Ahmed Jamleh	Incidence of postoperative pain after canal shaping by using Reciproc and Twisted File Adaptive systems: a prospective, randomized clinical trial	Clinical Oral Investigations	2019
31. Ahmed Jamleh , Alaa Mansour, Doaa Taqi, Hanan Moussa, Faleh Tamimi	Microcomputed Tomography Assessment of Microcracks Following Temporary Filling Placement in Endodontically Treated Teeth	Clinical Oral Investigations	2019
30. Alaa Turkistani, Areej Ata, Raghad Alhammad, Raneem Ghurab, Yusra Alahmadi, Muhaned Shuman, Ahmed Jamleh , Ghada Naguib, Turki Bakhsh	Bulk-fill composite marginal adaptation evaluated by cross-polarization optical coherence tomography	Cogent Engineering	2019

29. Abdullah Alqedairi, Hussam Alfawaz, Bader Abualjadayel Mohammad AlAnazi, Ahmad Alkhalifah, Ahmed Jamleh	Torsional fatigue resistance of three ProTaper rotary systems	BMC Oral Health	2019
28. Bakhsh T, Alrabghi K, Kawther S, Mirdad F, Mirdad L, Jamleh A	Adaptation Assessment of Three Bonded Resin Restorations at the Cavity Floor Using Cross-Polarization Optical Coherence Tomography	Photobiomodulation, Photomedicine and Laser Surgery	2019
27. Turki Bakhsh, Halah Alturkstani, Razan N Alharbi, Hind Alrefai, Tahani Badeeb, Nour Altouki, Ahmed Jamleh , Ehab Alshouibi	Cross-polarization OCT Assessment of Dentin Interface with Combinations of Adhesives and Composites	EC Dental Science	2019
26. Ahmed Jamleh , Amjad Alghaihab, Abdulmohsen Alfadley, Hussam Alfawaz, Abdullah Alqedairi, Khalid Alfouzan	Cyclic Fatigue and Torsional Failure of EdgeTaper Platinum Endodontic Files at Simulated Body Temperature	Journal of Endodontics	2019
25. Khalid Alfouzan, Abdulmohsen Alfadley, Lubna Alkadi, Abdullah Alhezam, Ahmed Jamleh	Detecting the Second Mesio Buccal Canal in Maxillary Molars in a Saudi Arabian Population: A microCT Study	Scanning	2019
24. Abdulaziz Alsaeed, Ahmed Jamleh	Root Canal Treatment of Maxillary First Molar with Vertucci Type V Diagnosed by Cone Beam Computed Tomography: A Case Report	Saudi Endodontic Journal	2019
23. Turki Bakhsh, Bayan Al-Jeffery, Ghufraan Zaatari, Hatoun Badr, Shada Ameen, Sarah Gashlan, Latifa Dughmash, Ahmed Jamleh	Evaluation of the Adaptation of Dental Polymers using Cross-polarization Optical Coherence Tomography	Biomedical Physics & Engineering Express	2019
22. Ahmed Jamleh , Yazeed Alotaibi, Anas Andijani, Emad Masuadi, Khalid Alfouzan, Jagan Kumar Baskaradoss	Recall practice among dental practitioners in Riyadh, Saudi Arabia	The Journal of Contemporary Dental Practice	2019
21. Alfawaz H, Alqedairi A, Alsharekh H, Almuzaini E, Alzahrani S, Jamleh A	Effects of Sodium Hypochlorite Concentration and Temperature on the Cyclic Fatigue Resistance of Heat-Treated NiTi Rotary Instruments	Journal of Endodontics	2018
20. Jamleh A , Alfadley A, Alfouzan K	Vertical Force Induced with WaveOne and WaveOne Gold Systems during Canal Shaping	Journal of Endodontics	2018
19. Bakhsh T, Abumansour M, Shuman M, Alshouibi E, Jamleh A	Time Sensitivity Associated with the Application of Water-based All-in- one Adhesive System	Cogent Engineering	2018

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17. Awawdeh L, Jamleh A , Al Beitawi M	The antifungal effect of Propolis endodontic irrigant with three other irrigation solutions in presence and absence of smear layer: An in vitro study	Iranian Endodontic Journal	2018
16. Alfouzan K, Jamleh A .	Fracture of nickel titanium rotary instrument during root canal treatment and re-treatment: a 5-year retrospective study	International Endodontic Journal	2018
15. Jamleh A , Suda H, Adorno C.	Irrigation Effectiveness of Continuous Ultrasonic Irrigation System: an ex Vivo Study	Dental Materials Journal	2017
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13. Jamleh A , Alfouzan K, Awawdeh L, Alfadley A, Ibrahim N, Alhijji S, Masuadi E.	Successive spreader insertion forces induced by undergraduate students during canal obturation	Saudi Endodontic Journal	2017
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11. Bakhsh TA, Yagmoor MA, Alsadi FM, Jamleh A .	Evaluation of Vickers hardness of bulk-fill composites cured by different light sources	SPIE BIOS	2016
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