

Islam Abd Al-Raheam

Assistant professor. | Department of restorative dentistry | University of Jordan | Amman, Jordan

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Objective: To be an active member in clinical and research fields of restorative dentistry, implantology and dental materials.

Experience:

July 2019- current; University of Jordan, Amman, Jordan

Assistant professor, department of restorative dentistry.

July 2018- June 2019, UNC – School of Dentistry Chapel Hill, NC

Adjunct faculty. Have experience in teaching in the graduate operative clinic, DDS4, DDS3, DDS2 and DDS1.

June 2015- June 2018

3rd year full time resident, Chief Resident

- Patient care
- Teaching duties
- Research

September 2014- June 2015, University Of Jordan, Amman, United Kingdom Of Jordan

- ***Teaching Assistant:*** Teaching assistant in the preclinical and clinical stages for the predoctoral students.

February 2013- August 2015, Private dental Clinic, Amman, Jordan

- Private general dentist

July 2012- January 2013, University of Jordan Hospital, Amman- Jordan

- Multidisciplinary internship including rotations in restorative, oral surgery, orthodontics, periodontics, endodontics and pediatric dentistry

Education and Certificates:

- **Master in Operative Dentistry.** UNC- School of Dentistry, Chapel Hill, NC
- **Clinical Certificate in Advanced Operative Dentistry (3 years full time program).** UNC- School of Dentistry, Chapel Hill, NC
- **Boarded by the American Academy of Operative Dentistry and the Jordanian Academy of Conservative Dentistry**

- **2007-2012:**
 - Doctor of Dental Surgery (D.D.S.) with an average of 3.75 out of 4 rating (Excellent) from University of Jordan (UJ), Amman, Jordan.
 - Rated 5th out of 136 students.

- Attended many meetings and exhibitions and workshops in Jordan 2012- 2015

- Attended the American Academy of Operative Dentistry annual meeting in Chicago, 2016, 2017, 2018 and 2019.

- Attended the IADR meetings in 2016, 2017 and 2018.

- Lectured for the Jordanian Dental Association in 2020

- Lectured for the University of Jordan international meeting in 2021

- Lectured for the Academy of Operative Dentistry in 2022

Research Interests:

Clinical dentistry and dental materials, specifically physical and optical properties of zirconia.

- **First author in an abstract submitted to AADR/ 2018:**
Optical and mechanical properties of different zirconia generations
- **First author in an abstract submitted to IADR/ 2018:**
Acid resistant of different zirconia's generations
- **Co-author in abstract submitted to IADR/AADR:**

- 1) Cuspal Coverage Indications with CAD/CAM Lithium Disilicate Restorations/ 2019
- 2) Correlation of Occlusal Caries Detection Methods with Histological Depth/ 2018
- 3) Adhesion and Remineralization Potential of Proteoglycan-infused Dentin/ 2018
- 4) Effect of phosphorylated chitosan and fluoride on dentin erosion/ 2017
- 5) In Vitro Caries Detection Reliability of ICDAS, QLF, and Spectra/ 2017

Published Research

- 1) Abd Alraheem I, Oweis Y, Al-Asmar A, Ismail NH, Sabra AH. **Predictability of dental students' performance in clinical courses based on their performance in pre-clinical and academic courses.** European Journal of Dental Education. 2022 Jan 5.
- 2) Griffis E, Abd Alraheem I, Boushell L, Donovan T, Fasbinder D, Sulaiman TA. **Tooth-cusp preservation with lithium disilicate onlay restorations: A fatigue resistance study.** Journal of Esthetic and Restorative Dentistry. 2022 Apr;34(3):512-8.
- 3) Iruza K, Abd Alrahaem I, Ngoc CN, Donovan T. **TOOTH WHITENING PROCEDURES: A NARRATIVE REVIEW.** Dentistry Review. 2022 Jul 9:100055.
- 4) Noschang RA, Seebold D, Walter R, Rivera-Concepcion A, Alraheem IA, Cardoso M, Miguez PA. **Stability and remineralization of proteoglycan-infused dentin substrate.** Dental Materials. 2021 Nov 1;37(11):1724-33.
- 5) Al-Omiri MK, Al-Shayyab MH, Al Nazeah AA, Alraheem IA, Malkawi ZA, Alomiri AK, Alzoubi IA, Patil S, Lynch E. **COVID-19 and Dentistry: An Updated Overview of Dental Perspectives and a Recommended Protocol for Dental Care and Emergency Dental Treatment.** The Journal of Contemporary Dental Practice. 2021 May 1;22(5):572-86.

- 6) Al-Asmar AA, Oweis Y, Ismail NH, Sabrah AH, Abd-Raheam IM. **The predictive value of high school grade point average to academic achievement and career satisfaction of dental graduates.** *BMC oral health*. 2021 Dec;21(1):1-8.
- 7) Ismail NH, Oweis Y, Al-Asmar AA, Al-Raheam IA, Sabrah A. **The change in stress and anxiety level caused by practicing dentistry during COVID-19 pandemic.** *Jordan Medical Journal*. 2021:45-55.
- 8) Hattar S, AlHadidi A, Sawair FA, Alraheam IA, El-Ma'aita A, Wahab FK. **Impact of COVID-19 pandemic on dental education: online experience and practice expectations among dental students at the University of Jordan.** *BMC Medical Education*. 2021 Dec;21(1):1-0.
- 9) Donovan T, Nguyen-Ngoc C, Abd Alraheam I, Iruasa K. **Contemporary diagnosis and management of dental erosion.** *Journal of Esthetic and Restorative Dentistry*. 2021 Jan;33(1):78-87.
- 10) Alraheam I, AlAshqar M, Hattar S, AlHadidi A, Alhaddad A, Sawair F, Alkayed A. **Self-perceived preparedness of dental school graduates and the impact of COVID-19 pandemic on their confidence.** *Saudi Journal of Oral Sciences*. 2021 Sep 1;8(3):163-.
- 11) Abd Alraheam I, Nguyen Ngoc C, Oliveira G, Donovan T. **Clinical performance of a modified Resin-Bonded fixed partial denture (Carolina bridge): A retrospective study.** *Journal of Esthetic and Restorative Dentistry*. 2021 Apr;33(3):480-6.
- 12) Iruasa K, Al-rawi B, Donovan T, Alraheam IA. **Survival of cast gold and ceramic onlays placed in a school of dentistry: a retrospective study.** *Journal of Prosthodontics*. 2020 Oct;29(8):693-8.
- 13) Abd Alraheam I, Donovan T. **Management of amelogenesis imperfecta in an adult patient: a short review and clinical report.** *British Dental Journal*. 2020 Aug;229(4):239-43.
- 14) Abd Alraheam I, Donovan T. **The segmental impression technique: A straightforward solution to a difficult problem.** *The Journal of Prosthetic Dentistry*. 2020 Jul 1;124(1):10-3.
- 15) Abd Alraheam I, Donovan T, Boushell L, Cook R, Ritter AV, Sulaiman TA. **Fracture load of two thicknesses of different zirconia types after fatiguing and thermocycling.** *The Journal of Prosthetic Dentistry*. 2020 Apr 1;123(4):635-40.
- 16) Abd Alraheam I, Donovan TE, Rodgers B, Boushell L, Sulaiman TA. **Effect of masticatory simulation on the translucency of different types of dental zirconia.** *The Journal of prosthetic dentistry*. 2019 Oct 1;122(4):404-9.
- 17) Alraheam IA, Ngoc CN, Wiesen CA, Donovan TE. **Five-year success rate of resin-bonded fixed partial dentures: a systematic review.** *Journal of Esthetic and Restorative Dentistry*. 2019 Jan;31(1):40-50.

- 18) Donovan TE, Alraheam IA, Sulaiman TA. **An evidence-based evaluation of contemporary dental ceramics. Dental Update.** 2018 Jun 2;45(6):541-6.
- 19) Beltrame AP, Suchyta D, Abd Alraheam I, Mohammed A, Schoenfisch M, Walter R, Almeida IC, Souza LC, Miguez PA. **Effect of phosphorylated chitosan on dentin erosion: an in vitro study. Caries research.** 2018;52(5):378-86.

Languages:

- Very good command of both Arabic and English.

International exams:

- Passed part one and two of the MFD examination to obtain the membership of ROYAL COLLEGE OF SURGEONS IN IRELAND. (2014)
- The TOFEL iBT exam, my score is 96/120. (2014)
- Board certified by the American Academy of Operative Dentistry.
- Board certified by the Jordanian Academy of Conservative Dentistry.

Voluntary work:

- JADA free dental clinic in Jordan 2012-2015.
- SHAC free dental clinic in UNC- Chapel Hill.
- Leading a dental mission trip to Nepal in the summer of 2019.