

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.

Consultant in Restorative Dentistry, Jordan University Hospital

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, Jordan

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

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

- 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 Restorative Dentistry**
- **Examiner for the American Board of Operative 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, 2019, 2021 and 2022.
- Attended the IADR meetings in 2016, 2017 and 2018.
- Lectured for the Jordanian Dental Association in 2020, 2022
- Lectured for the University of Jordan international meeting in 2021

- Lectured for the Academy of Operative Dentistry in 2022
- Conducted hands on trainings and workshops in Restorative Dentistry field for general dentists.

Research Interests:

Clinical dentistry, dental materials, and dental education.

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) Al-Asmar AA, Sabrah AH, Abd-Raheem IM, Ismail NH, Owais YG. Clinical Evaluation of Reasons for Replacement of Amalgam vs Composite Posterior Restorations. The Saudi Dental Journal. 2023 Mar 4.
- 2) 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.
- 3) 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.
- 4) Irua K, Abd Alrahaem I, Ngoc CN, Donovan T. TOOTH WHITENING PROCEDURES: A NARRATIVE REVIEW. Dentistry Review. 2022 Jul 9:100055.

- 5) Noschang RA, Seebold D, Walter R, Rivera-Concepcion A, Alraheam IA, Cardoso M, Miguez PA. Stability and remineralization of proteoglycan-infused dentin substrate. *Dental Materials*. 2021 Nov 1;37(11):1724-33.
- 6) Al-Omiri MK, Al-Shayyab MH, Al Nazeh AA, Alraheam 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.
- 7) 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.
- 8) 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.
- 9) Hattar S, AlHadidi A, Sawair FA, Alraheam IA, El-Ma'a'ita 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.
- 10) Donovan T, Nguyen-Ngoc C, Abd Alraheam I, Irua K. Contemporary diagnosis and management of dental erosion. *Journal of Esthetic and Restorative Dentistry*. 2021 Jan;33(1):78-87.
- 11) 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-.
- 12) 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.
- 13) Irua 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.
- 14) 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.
- 15) 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.
- 16) 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.

- 17) 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.
- 18) 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.
- 19) Donovan TE, Alraheam IA, Sulaiman TA. An evidence-based evaluation of contemporary dental ceramics. Dental Update. 2018 Jun 2;45(6):541-6.
- 20) 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 exam.
- Board certified by the American Academy of Operative Dentistry.
- Board certified by the Jordanian Academy of Restorative 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.

