

## Islam Abd Al-Raheam

Assistant professor. | Department of conservative 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 conservative 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
- **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 5<sup>th</sup> 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.

### **Research Interests:**

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

- **Co-author in a manuscript published in the Caries Research Journal:**

- Effect of Phosphorylated Chitosan on Dentin Erosion: An in vitro Study
- **Co-author in a manuscript published in the Dental Update Journal:**  
An evidence based evaluation of contemporary dental ceramics
  - **Co-author in a manuscript submitted to the Journal of Prosthetic Dentistry:**  
Cuspal Coverage Indications with CAD/CAM Lithium Disilicate Restorations
  - **First author in a manuscript published in the Journal of Esthetic and Restorative Dentistry:**  
An update on the 5-year success rate of resin bonded fixed partial dentures: a systematic review
  - **First author in a manuscript published in the Journal of Prosthetic Dentistry:**  
The effect of chewing simulation on the translucency of different zirconia generations
  - **First author in a manuscript published in the Journal of Prosthetic Dentistry:**  
Fatigue resistance of reduced thicknesses of different generations of zirconia
  - **First author in a manuscript published in the Journal of Prosthetic Dentistry:**  
The segmental impression technique: A straightforward solution to a difficult problem
  - **First author in a manuscript submitted to the Journal of Prosthetic Dentistry, under review:**  
Management of Amelogenesis Imperfecta (AI) in an adult patient, a short review and clinical report.
  - **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
  - **Research in progress:**
  - Retrospective evaluation of the survival of Carolina resin bonded bridges
  - Retrospective evaluation of the survival of metallic and non-metallic onlays.

**Languages:**

- Very good command of both Arabic and English.

**International exams:**

- Passed part one and two of the MFDS examination to obtain the membership of ROYAL COLLEGE OF SURGEONS IN IRELAND. (2014)
- Board certified by the AMERICAN ACADEMY OF OPERATIVE DENTISTRY.

**Voluntary work:**

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

