

## CURRICULUM VITAE

Dr. Rasha A. Alamoush (DDS, MSc, Clinical PhD).

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د. رشا أحمد العموش

أستاذ مساعد في قسم الاستعاضة السنية الثابتة و المتحركة كلية طب الاسنان/الجامعة الاردنية

البورد الأردني في الاستعاضات السنية

ممثل قسم الاستعاضات السنية في مجلس كلية طب الاسنان/الجامعة الاردنية

عضو في لجنة التعليم الطبي المستمر, لجنة متابعة الخريجين

عضو في الجمعية الأردنية للاستعاضة السنية

عضو في نقابة الأسنان الأردنية

المشاركة في عدة مؤتمرات عالمية و محلية

### Qualifications:

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- **Jordanian Dental Board – Prosthodontics**, Jordan Medical council, Amman, Jordan, 2022
  - **PhD in clinical dentistry in fixed and removable Prosthodontics (A1)**, University of Manchester, 2015-2019.
  - **Master in dental specialty in fixed and removable Prosthodontics**, University of Manchester, 2014-2015.
  - **Doctor of Dental Surgery**, the University of Jordan, 2004-2009
  - **Jordanian High School Certificate**, 2004.

## Experience:

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- **Assistant professor**, the University of Jordan, 2020-present.
- **Consultant in Fixed and Removable Prosthodontics, the University of Jordan Hospital.**
- **Teaching and research assistant**, the University of Jordan, 2013-2014.
- **General practitioner**, Ministry of health, 2010-2013.
- **Dental internship program**, Ministry of health through July-Jan 2010.

## Memberships and conferences:

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- A member of the Jordanian Dental Association.
- A member of the Jordanian Prosthodontics Society.
- Reviewer for the Journal of Dental Materials, Dentistry Journal, and the International Journal of Biomaterials.
- 1st Scientific Conference of the Faculty of Dentistry, the University of Jordan, 2008.
- 2nd Scientific Conference of the Faculty of Dentistry, the University of Jordan, 2009.
- Research methods module, University of Manchester, 2015.
- Statistics module, University of Manchester, 2015.
- IADR travel bursary award, University of Manchester, 2018.
- British Society of Prosthodontics conference, London, April 2015.
- British Society of Prosthodontics conference, Manchester, April 2016.
- British Society of Prosthodontics conference, London, April 2017.
- British Society of Prosthodontics conference, Liverpool, March 2018.
- British Society of Prosthodontics conference, London, March 2019.
- International Digital Dental Academy conference, Manchester, 2018.
- The 4th International & 14th Annual Conference of the School of Dentistry, 2022, the university of Jordan, Amman, Jordan.
- 17th CAD/CAM and digital dentistry conference, CAPP academy and Straumann Group, 2022
- 14th dental facial cosmetic conference, CAPP academy and Straumann Group, 2022
- Attended a lecture titled: The power of predictability what to expect from technology, CAPP academy, 2022.
- Attended a lecture titled: The Sobczak concept- the newest digital approach for edentulous patients, CAPP academy and Straumann Group, 2022.
- Attended a live webinar titled: Optimising implant placement with immediate temporisation in a full upper arch case with terminal dentition, CAPP academy and Straumann Group, 2022.

- Attended a live webinar titled: Piezoelectric surgery in dentistry, CAPP academy and Straumann Group, 2022.
- Attended a live webinar titled: Clinical application of modern restorative materials and techniques for the restorative dentist, CAPP academy and Straumann Group, 2022.
- Attended a lecture titled: Planning and executing implant based treatment: a patient's centered update of today's treatment options, the University of Jordan, Amman, Jordan, 2023.
- Oral medicine and special care dentistry scientific meeting, the University of Jordan, Amman, Jordan, 2023.
- Attended a live webinar titled: parameters for single-tooth implant success, Straumann Group, 2023.
- Attended a workshop titled: the present and future of artificial intelligence and robotics in higher education in Jordan, the University of Jordan, Amman, Jordan, 2023
- Attended a work shop titled: introduction to machine learning in health care, University of Pittsburgh, 2023.
- The 5th International & 15th Annual Conference of the School of Dentistry, 2023, the University of Jordan, Amman, Jordan.

I have also presented aspects of my research at the following meetings:

- AIC 19th International Congress and ConsEuro, Bologna (Italy), May 2016; "Nanoindentation versus Vickers hardness of Hybrid Ceramics".
- Academy of Dental Materials (ADM) annual meeting, Nuremberg (Germany), October 2017; "Elution of Monomers from CAD/CAM Hybrid Ceramics Using HPLC".
- IADR/PER General Session and Exhibition, London (UK), July 2018; "Long Term Hydrolytic Stability of Hybrid Ceramics".
- Doctoral academy 2<sup>nd</sup> annual conference, Manchester (UK), 2017.
- School of Medical Science annual showcase, Manchester (UK), 2018.
- Faculty of dentistry postgraduate research day, Manchester (UK), 2016.
- Faculty of dentistry postgraduate research day, Manchester (UK), 2017.
- The 3rd International & 13th Annual Conference of the School of Dentistry, oral presentation, 2021, The university of Jordan, Amman, Jordan

## Publications

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- Rewaa G. AboElhassan, David C. Watts, **Rasha A. Alamoush**, Alaaeldin Elraggal, Biomechanical behaviour and Weibull survival of CAD/CAM endocrowns with different marginal designs: A 3D finite element analysis, *Dental Materials*, in press, 2023.
- **Alamoush, Rasha A**; Salim, Nesreen A; Elraggal, Alaaeldin; Satterthwaite, Julian D; Silikas, Nikolaos; The effect of water storage on nanoindentation creep of various CAD-CAM composite blocks, *BMC Oral Health*, 23, 1, 543, 2023
- **Alamoush, Rasha A**; Yang, Jiawei; Alhotan, Abdulaziz; Haider, Julfikar; Matinlinna, Jukka P; Elraggal, Alaaeldin; The effect of in-office bleaching agents on the Vickers hardness and surface topography of polished and unpolished CAD/CAM composite materials, *Scientific Reports*, 13, 1, 15341, 2023.
- Elraggal, Alaaeldin; Afifi, Rania R; **Alamoush, Rasha A**; Raheem, Islam Abdel; Watts, David C; Effect of acidic media on flexural strength and fatigue of CAD-CAM dental materials, *Dental Materials*, 39, 1, 57-69, 2023.
- Hanoon, Z.A.; Abdullah, H.A.; Al-Ibraheemi, Z.A.; **Alamoush, R.A.**; Sami, S.M.; Haider, J.; Marginal Fit of Porcelain Laminate Veneer Materials under Thermocycling Condition: An In-Vitro Study, *Dentistry Journal*, 11, 1, 12, 2023.
- Alhotan, A.; Raszewski, Z.; **Alamoush, R.A.**; Chojnacka, K.; Mikulewicz, M.; Haider, J.; Influence of Storing Composite Filling Materials in a Low-pH Artificial Saliva on Their Mechanical Properties—An In Vitro Study, *Journal of Functional Biomaterials*, 14 , 328, 2023.
- El Manaseer, Wijdan R; Al-Omoush, Salah A; **Alamoush, Rasha A**; Abu Zaghlan, Rawan; Alsoleihat, Firas; Dental Students' Perception and Self-Perceived Confidence Level in Key Dental Procedures for General Practice and the Impact of Competency Implementation on Their Confidence Level, Part I (Prosthodontics and Conservative Dentistry), *International Journal of Dentistry*, 2023, 2023.
- **Alamoush, Rasha A**; Salim, Nesreen A; Silikas, Nick; Satterthwaite, Julian D; Long-term hydrolytic stability of CAD/CAM composite blocks, *European Journal of Oral Sciences*, 130, 1, e12834, 2022.
- **Rasha A. Alamoush**, Wijdan R. Elmanaseer, Yasmine W. Matar, Salah Al-Omoush, Julian D. Satterthwaite; Sociodemographic Factors and Implant Consideration by Patients Attending Removable Prosthodontics Clinics, *BioMed Research International*, 2022, Article ID 8466979, 2022.
- Muataz A.Osman, **Rasha A. Alamoush**, Evgeny Kushnerev, Kevin.G.Seymour, Susan Shawcross, J Yates; Human osteoblasts response to different dental implant abutment materials: An in-vitro study, *Dental materials*, 2022.

- Osman, Muataz A; **Alamouh, Rasha A**; Kushnerev, Evgeny; Seymour, Kevin G; Watts, David C; Yates, Julian M; Biological response of epithelial and connective tissue cells to titanium surfaces with different ranges of roughness: An in-vitro study, *Dental Materials*, 38, 11, 1777-1788, 2022.
- Osman, Muataz A; Kushnerev, Evgeny; **Alamouh, Rasha A**; Seymour, Kevin G; Yates, Julian M; Two Gingival Cell Lines Response to Different Dental Implant Abutment Materials: An In Vitro Study, *Dentistry Journal*, 10, 10, 192, 2022.
- Osman, Muataz A., **Rasha A. Alamouh**, Evgeny Kushnerev, Kevin G. Seymour, Susan Shawcross, and Julian M. Yates; In-Vitro Phenotypic response of Human Osteoblasts to Different Degrees of Titanium Surface Roughness, *Dentistry Journal*, 10, 8, 140, 2022.
- **Alamouh, Rasha A**; Sung, Rehana; Satterthwaite, Julian D; Silikas, Nick; The effect of different storage media on the monomer elution and hardness of CAD/CAM composite blocks, *Dental Materials*, 37, 7, 1202-1213, 2021.
- Salim, Nesreen A; **Alamouh, Rasha A**; Al-Abdallah, Mariam Mohammad; Al-Asmar, Aya Ahmed; Satterthwaite, Julian D; Relationship between dental caries, oral hygiene and malocclusion among Syrian refugee children and adolescents: a cross-sectional study, *BMC Oral Health* 21, 629, 2021.
- **Alamouh, Rasha A**; Kushnerev, Evgeny; Yates, Julian M; Satterthwaite, Julian D; Silikas, Nick; Response of two gingival cell lines to CAD/CAM composite blocks, *Dental Materials*, 36, 9, 1214-1225, 2020.
- **Alamouh, Rasha A**; Chemo-mechanical Characterisation and Biocompatibility of CAD/CAM Composite Blocks, 2020, The University of Manchester (United Kingdom).
- **Alamouh, Rasha A**; Satterthwaite, Julian D; Silikas, Nick; Watts, DC; Viscoelastic stability of pre-cured resin-composite CAD/CAM structures, *Dental Materials*, 35, 8, 1166-1172, 2019.
- **Alamouh, Rasha A**; Silikas, Nick; Salim, Nesreen A; Al-Nasrawi, Suhad; Satterthwaite, Julian D; Effect of the composition of CAD/CAM composite blocks on mechanical properties, *BioMed research international*, 2018, 2018
- **Alamouh, R**; Satterthwaite, J; Silikas, N; Analysis of monomer elution from CAD/CAM hybrid ceramics using HPLC, *Dental Materials*, 33, e3, 2017.

**References are available upon request**