



# Ahmad Al Jaghsi

DDS. Ahmad Al Jaghsi Dipl. Dipl. Dipl. MSc. MSc. Ph.D.

Associate Professor,

Department of Restorative Dentistry,

College of Dentistry

Ajman University

UAE

<https://www.ajman.ac.ae/en/dentistry/directory/staff/SVBDZVVI0G9ueThNdTZsYm5iaUZRQT09.html>

Visiting Associate Professor & lecturer,

Department of Prosthodontics, Gerodontology and Dental

Materials,

Greifswald University,

Germany

<https://www.dental.uni-greifswald.de/abteilung/prothetik/staff/aljaghsi.php>

## Academic Rank

Associate Professor

## Qualifications

- PG Certificate in The Online Classroom: Strategies for Higher Education Teaching and Learning, Harvard Institutes for Higher Education, Harvard University.
- PG Certificate in Teaching and Assessing Clinical Skills, University of Michigan
- PG Certificate in Health Professions Education, University of Michigan.
- Intensive Workshop: The creative use of interactive teaching methods in teaching groups and tutorials, Greifswald University.
- Intensive Workshop: How we can help students deal with exam situations and test anxiety, Greifswald University.
- Intensive Course and Workshop for the eligibility to a University chair (Medicine didactics), Greifswald University.
- PhD in Prosthodontics, Greifswald University, Germany (2017).
- Master of Science in Prosthodontics, Greifswald University, Germany (2014).
- Diploma in Prosthodontics, Greifswald University, Germany.
- Master degree in Prosthodontics, Damascus University, Syria.
- Postgraduate Diploma in Removable Prosthodontics, Damascus University, Syria.
- One-year collaborative course in implantology between Damascus University and the Lebanese University, Syria/Lebanon.
- Postgraduate Diploma in oral and maxillofacial surgery, Damascus University, Syria.

## Experience

- Associate Professor, Clinical Sciences Department, Ajman University, UAE (2018-till date).
- Visiting Associate Professor, Greifswald University, Department of Prosthodontics, Gerodontology and Dental Materials, Germany (2019 - till date).
- Associate Professor, Department of Prosthetic Dentistry, Greifswald University, Germany (2018).
- Assistant Professor, Department of Prosthetic Dentistry, Greifswald University, Germany (20011- 2017).

- Assistant Lecturer, Removable Prosthodontic Department, Damascus University, Syria.
- Specialist; Prosthodontist, Ministry of Health, UAE.
- Specialist; Prosthodontist, Dubai Health Authority, UAE.
- Specialist; Prosthodontist, Greifswald University and Private clinic, Germany.
- Specialist in oral and maxillofacial surgery, Syria.
- Resident, Department of Prosthetic Dentistry, Greifswald University, Germany (2009- 2011).
- Resident, Removable Prosthodontic Department, Damascus University, Syria .
- Resident, Orthodontic Department at Abdulkader Mahloul Hospital and Al-Maza Hospital, Syria .
- Resident, Oral and Maxillofacial Surgery Department, Damascus University, Syria.

## Research field(s)

- Prosthodontics
- Implantology
- Digital Dentistry
- Function and Esthetic Dentistry
- Patient satisfaction and Oral Health-Related Quality of Life
- Dental Materials
- Health Professions Education

## Publications

### Journal

Idrissi, H.A.; Annamma, L.M.; Sharaf, D.; Jaghsi, A.A.; Abutayyem,, Comparative Evaluation of Flexural Strength of Four Different Types of Provisional Restoration Materials: An In Vitro Pilot Study, Children (Basel), Vol: 15, pp.380 - , Feb 2023

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### Journal

Ahmad Al Jaghsi, Torsten Mundt , Upgrading removable denture design by using strategic implants: A case report, Annals of Anatomy - Anatomischer Anzeiger, Jan 2023

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### Journal

Mehmet Gorduysus, Melahat Gorduysus, Lovely Muthiah Annamma, Sabrin Azim Ali, Huda Abutayyem, Ahmad Al Jaghsi, Comparative Evaluation of the Effect of Two Chelating Agents on Dentin-root Microhardness: An In-vitro Pilot Study, Journal of International Dental and Medical Research, Dec 2022

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Journal

Torsten Mundt, Friedhelm Heinemann, Janine Müller, Christian Schwahn & Ahmad Al Jaghsi , Survival and stability of strategic mini-implants with immediate or delayed loading under removable partial dentures: a 3-year randomized controlled clinical trial. Clin Oral Invest (2022)., Clinical Oral Investigations, Dec 2022

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Book Chapter

Al Jaghsi; Strategic Implants under Existing Partial Removable Dentures, Why, How Many, and Which Type? October 26th 2021 Chapter in book: Current Concepts in Dental Implantology - From Science to Clinical Research

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Journal

Al Jaghsi, A., Saeed, M., Abu Fanas, S. et al. Validity and reliability of new instruments for measuring patient satisfaction with removable dentures, Arabic Version. BMC Oral Health 21, 446 (2021).

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Journal

Julia Gruender, Ahmad Al Jaghsi, Christian Schwahn, Torsten Mundt. Randomized trial in split-mouth design to evaluate the effectiveness of manual and machine-aided cleaning of removable partial dentures. International journal of prosthodontics, 2021.

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Journal

Al Jaghsi, A; Friedhelm Heinemann; Reiner Biffar; Torsten Mundt. Immediate versus delayed loading of strategic mini-implants under existing removable partial dentures: patient satisfaction in a multi-center randomized clinical trial. Clinical Oral Investigations. Jun 12, 2020 .

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Journal

Mundt, Torsten; Schwahn, Christian; Heinemann, Friedhelm; Schimmel, Martin; Lucas, Christian; Al Jaghsi, Ahmad. Stabilizing Removable Partial Dentures by Immediate or Delayed Loading of Mini-implants: Chewing Efficiency in a Randomized Controlled Clinical Trial. Int J Oral Maxillofac Implants ; 35(1): 178-186, 2020.

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Journal

Al jaghsi A, Mundt T, Pink C, Biffar R. The applicability of the computerized planimetric method in estimating plaque accumulation and the efficacy of a removable dental prostheses cleaning method. International Journal of Prosthodontics. 2018 Feb 15. doi: 10.11607/ijp.5462 (2018).

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Journal

Al jaghsi A, Mundt T, Kohlmann T, Samietz S, Daboul A, Klink T, Biffar R, Development and testing of satisfaction questionnaires and indexes for patients with removable dental prostheses. Quintessence Int 2017; 48: 487-496.

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#### Journal

Al jaghsi A, Mundt T, Biffar R. The reproducibility of a new computerised planimetric method for the measurement and assessment of removable dental prostheses plaque. International Journal of Prosthodontics. 2017 Jul/Aug;30(4):377-383.

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#### Journal

Mundt T, Al Jaghsi A, Schwahn B, Hilgert J, Lucas C, Biffar R, et al. Immediate versus delayed loading of strategic mini dental implants for the stabilization of partial removable dental prostheses: a patient cluster randomized, parallel-group 3-year trial. BMC Oral Health 2016 ;17.

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#### Journal

Klinke, T., A. Daboul, J. Maron, T. Gredes, R. Puls, A. Jaghsi and R. Biffar. "Artifacts in magnetic resonance imaging and computed tomography caused by dental materials." PLoS One 7(2): e31766, (2012).

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#### Journal

Daboul, A., C. Schwahn, G. Schaffner, S. Soehnel, S. Samietz, A. Al jaghsi, M. Habes, K. Hegenscheid, R. Puls, T. Klinke and R. Biffar. "Reproducibility of Frankfort horizontal plane on 3D multi-planar reconstructed MR images." PLoS One 7(10): e48281, (2012).

## Courses Taught

- Clinical Prosthodontics I
- Clinical Prosthodontics II
- Pre-Clinical Prosthodontics I
- Pre-Clinical Prosthodontics II
- Biomaterials, Undergraduate
- Biomaterials, Postgraduate (M.Sc.)
- Dental Materials (Undergraduate)
- Removable Prosthodontics (M.Sc.)
- Aesthetic Dentistry (M.Sc.)
- Dental Implantology (M.Sc.)
- State of the art techniques in Function and Occlusion (MSc. Prosthodontics )
- Seminars in Fixed Partial Denture II (M.Sc.)

## Professional Experience

- Two-year (Dentist/ Resident) at the Maxillo-Facial Surgery Hospital, School of Dentistry, Damascus University.
- Two-year (Dentist/ Resident) at the Orthodontic Dep. at Abdulkader Mahloul Hospital, Syria.
- 7-year at Removable Prosthodontics Department, School of Dentistry, Damascus University.
- Two-year (Dentist/ Resident) at the Department of Prosthetic Dentistry, Gerodontology, and Biomaterials, University Medicine Greifswald, Germany.
- One-year (Dentist/ Research Assistant) at the Department of Prosthetic Dentistry, Gerodontology, and Biomaterials, University Medicine Greifswald, Germany.
- Five-year (Assistant Professor) at the Department of Prosthetic Dentistry, Gerodontology, and Biomaterials, University Medicine Greifswald, Germany.
- 6 Months (Associate Professor) at the Department of Prosthetic Dentistry, Gerodontology, and Biomaterials, University Medicine Greifswald, Germany.
- Three-year (Associate Professor) Restorative Department, Collage of Dentistry, Ajman University, Ajman, UAE.
- Two-year (Associate Professor) Clinical Sciences Department, Collage of Dentistry, Ajman University, Ajman, UAE.

## Committees Work / Services

- Head, Continuing Education Office & Staff Development
- Head of Cellular & material sciences research group.
- Member in the Purchasing Office
- Member in the Staff Recruitment Committee./search committee.
- Member in College Effectiveness Committee.
- Subject (prosthodontics) coordinator at the college level.
- Line manager - Productive lab
- Line manager - Research Lab.

## Memberships, Honors and Awards

- Best Patent Award. Innovation Center, Ajman University, 18 Feb. 2021, UAE.

- Member at Professional Education Community, Harvard Graduate School of Education, Harvard University UAS.
- Specialist as Prosthodontist, Greifswald University, Germany.
- License, Dentist, Germany issued from Ministry of Health, Germany.
- License, Specialist as Prosthodontist, issued from Ministry of Health and Prevention, UAE.
- License, Specialist as Prosthodontist, issued from Dubai Health Authority, UAE.
- License, Specialist as oral and maxillofacial surgeon, issued from Ministry of Health, Syria.
- Examiner for the MFD exam of the Royal College of Surgeons in Ireland.
- Examiner, Dental State Examination (Zahnärztliche Staatsexamen) Greifswald University, Germany 2016-2017.
- Examiner (Prosthodontics - Implantology Privilege) for the Department of Health Authority - Abu Dhabi, United Arab Emirates.
- Reviewer, Annals of Anatomy.
- Reviewer, Genes by MDPI.
- Reviewer, Journal of Clinical Medicine
- Reviewer, Journal of Multidisciplinary Healthcare.
- Reviewer, Advances in Biomedical and Health Sciences
- Reviewer, International Journal of General Medicine
- Reviewer, BMC Oral Health journal.
- Reviewer, Drug Design, Development and Therapy
- Reviewer, Clinical, Cosmetic and Investigational Dentistry journal, Dove Medical Press.
- Reviewer, Applied Sciences
- Reviewer, International Journal of Environmental Research and Public Health
- Reviewer, Life by MDPI
- Reviewer, Children by MDPI
- Reviewer, Antibiotics by MDPI
- Reviewer, Advances in Medical Education and Practice
- Reviewer, Dentistry Journal
- Reviewer, SAGE Open Medical Case Reports
- Member, Center of Medical and Bio-allied Health Sciences Research, Ajman University, United Arab Emirates.
- Member of the German Association for Prosthetic Dental Medicine and Biomaterials (DGPro), Germany.
- Member of the German Society for Dental and Oral Medicine (DGZMK), Germany.

- Member of Dental Association Mecklenburg Vorpommern. e.V. Germany.
- Member of Mecklenburg-Vorpommerschen Society for Dental, Oral and Maxillofacial Surgery at the Universities of Greifswald and Rostock e.V. Germany.
- Member of the Syrian Dental Association.
- Member of the Syrian Teaching Syndicate.

## Other Contributions and Achievements

### ➤ **Conference Presentations and Posters:**

- Conference: 66th Annual Meeting of the German Society of Prosthetic Dentistry and Biomaterials e. V. (DGPro): Entwicklung und Validierung eines Fragebogens und Indexes zur Patientenzufriedenheit mit herausnehmbaren Zahnersatz, Giessen, Germany 2017.
- Conference: German Dentistry Days 2017, "Interdisciplinary Dentistry". Effective measurement of patient satisfaction with removable dentures. Frankfurt am Main, Germany 2017.
- Conference: 68th Annual Meeting of the German Society of Prosthetic Dentistry and Biomaterials e. V. (DGPro): Stabilisation von Teilprothesen mit Miniimplantaten: Kaeffizienz in einer multizentrischen, randomisierten kontrollierten Studie. Torsten Mundt (Greifswald), Christian Schwahn (Greifswald), Friedhelm Heinemann (Greifswald), Christian Lucas (Greifswald), Martin Schimmel (Bern/CH), Ahmad Al Jaghsi (Ajman/UAE). Germany 2019.
- ICPM International Conference of Pharmacy and Medicine, UAE. New computerised planimetric method for the measurement and assessment of removable dental prostheses plaque. 2019.
- Innovation Exhibition , Sharjah (innovation for Health) by Ministry of Health: Innovative approach for plaque detecting around removable denture, 2020.

### ➤ **Participation in Supervision of Doctorate Thesis (Greifswald University, Germany):**

- External supervisor, Student: Julia Gruender. Thesis : Randomized trial in split-mouth design to evaluate the effectiveness of manual and machine-aided cleaning of removable partial dentures. Germany.