

Short Bio

Mutlu Özcan has earned her Dentistry Licenciante in 1993 in Istanbul, Turkey, Dr. med. dent. degree in 1999 in Cologne, Germany. After working as an invited visiting researcher at the University of Turku in Finland between 2000-2002, she did her Doctorate in Medical Sciences (PhD) in 2003 in Groningen, The Netherlands and appointed to be a full professor for Clinical Dental Biomaterials at the University of Groningen, The Netherlands in 2007.

Between 2009-2023, she was the Head of Division of Dental Biomaterials at the Clinic for Reconstructive Dentistry, University of Zurich, Switzerland, between 2020-2023 Director a.i. Professor, Clinic of Masticatory Disorders and since 2023 Director Professor, Clinic of Masticatory Disorders and Dental Biomaterials at the same university. She is currently the Director of Center of Dental Medicine, University of Zurich.

She also holds Honorary Professorship positions at various universities some of which are São Paulo State University (Brazil), University of Florida (USA), University of Hong Kong (China) and University of Chulalongkorn (Thailand).

She has authored more than 950 ISI Web of Science indexed original scientific and clinical publications (h-factor: 106), is a well-sought lecturer, receiver of several international awards, and serves for the editorial boards of numerous scientific journals.

She is EPA-Recognized Specialist in Prosthodontics, Honorary Secretary of the European Prosthodontic Association (EPA), Past president of the International Academy of Adhesive Dentistry (IAAD), IADR / Clinical and Translational Science Network, International Association of Dental Research (IADR) / Dental Materials Group (DMG), Fellow of Academy of Dental Materials (FADM), Fellow of International College of Dentistry (FICD) and Fellow in Dental Surgery of the Royal College of Physicians and Surgeons of Glasgow, Fellow Ad Hominem in Dental Surgery, Royal College of Surgeons of Edinburg.

Prof. Özcan is the recipient of the prestigious “2018 IADR Distinguished Scientist Wilmer Souder Award”, “Dr. honoris causa” titles from Romania and Turkey (Istanbul Istinye University).

Her clinical expertise is on reconstructive dentistry and her scientific work focuses on translational and clinical research with a particular emphasis on the development and application of dental biomaterials.

Adhesion to Dental Restorative Materials in Adult Orthodontic: Clinical Protocols and Procedures

With the increasing demand in adult orthodontics for minor or major corrections of the dentition, clinicians are often confronted with adhering fixed appliances on restorative materials. Durable adhesion to glassy matrix, oxide-based ceramics, resin or hybrid CAD/CAM materials requires meticulous application of adhesion protocols. This lecture will highlight the fundamental principles of adhesion to different reconstruction materials, cover current knowledge and the clinical protocols regarding to surface conditioning methods and adhesion promoters to be used in conjunction with different ceramic, polymer or hybrid CAD/CAM materials.