



Dr Aylin Baysan is a Reader in Cariology in relation to Minimally Invasive Dentistry at Barts and the London School of Medicine and Dentistry. In addition, she is Adjunct Professor at BAU Dental School, Istanbul, Turkey since March 2021 and at the Saveetha Dental College and Hospitals in Chennai, India since Nov 2022.

Aylin's career pathway began with postgraduate academic and clinical training in dentistry in the UK almost 28 years ago after graduating from Hacettepe University. Aylin completed MSc in Gerodontology (funded) at Barts and the London School of Medicine and Dentistry, Queen Mary University of London (QMUL). She was then funded to do a clinical PhD to study the management of root caries either using ozone or high fluoride at QMUL and became one of the patent holders to use ozone on root caries.

Aylin was also the first researcher to conduct a clinical study using the toothpaste containing 5,000 ppm fluoride (Duraphat Toothpaste, Colgate) on root caries. Her research related to Duraphat toothpaste was recommended in the Department of Health Guidelines, UK for delivering better oral health. Aylin completed the Royal College of Surgeons' Dental Membership exams and PGCAP programme (Postgraduate Certificate in Academic Practice, Higher Education Academy, UK) at Kings College London before moving back to QMUL to do further clinical training as an NHIR (National Institute for Health Research, Department of Health) trainee. Following this, Aylin became a General Dental Council Registered Specialist in Removable and Fixed Prosthodontics. Aylin then obtained the Senior Fellowship status at the Higher Education Academy, UK. She was also awarded to the Fellowship at Royal College of Surgeons in Edinburgh as Dental Trainer in 2020. In Dec 2022, Aylin passed the Membership exam in Endodontics at Royal College of Surgeons in Edinburgh to become a Specialist in Endodontics as well.

Aylin is the Director of Undergraduate Endodontics programme and Master Programme in Minimally Invasive Dentistry (MID) at QMUL. Due to the demand to this programme, she also introduced the Clinical Doctorate Programme in MID. Aylin has supervised seven PhD and over 28 MSc students on various projects. She was awarded to several national and international prizes including Procter and Gamble Award for Geriatric Oral Research for the Best Research on the Use of Oral Care Products from Geriatric Oral Research Group at the International Association of Dental Research. Aylin has more than 38 peer reviewed publications including in Dental Materials, Caries Research, Journal of Dentistry and 11 Book Chapters. She is also the Editor of first MID book entitled 'Interdisciplinary Clinical and Scientific Approaches' aimed at disseminating MID knowledge nationally and internationally, will be published (Spring 2023).

Aylin was the IADR Geriatric Oral Research Group Committee member and President-elect between 2009-2012, then IADR Cariology Research Group Councillor between 2019-2021. Recently, Aylin established the Minimally Invasive Dentistry Research Network Group and she is now the President. Aylin has also been elected to be the Cariology Research Group Vice President in 2022. She was also selected as the Advisory Board Member on European Organisation for Caries Research (ORCA) in 2020.