

## **Professor Avijit Banerjee**

### **BDS MSc PhD (Lond) LDS FDS (Rest Dent) FDSRCS (Eng) FCGDent FHEA FICD**

Professor of Cariology & Operative Dentistry / Hon. Consultant & Clinical Lead, Restorative Dentistry, Faculty of Dentistry, Oral & Craniofacial Sciences, King's College London / Guy's & St. Thomas' Hospitals Foundation Trust, London, UK.

Avijit is Chair / Head of Conservative & MI Dentistry and Programme Director of the innovative KCL blended-learning Masters in Advanced Minimum Intervention Restorative Dentistry (open to practising dentists and dental therapists globally: google "KCL AMIRD" for more info / see link). He also leads the Cariology & Operative Dentistry research programme at the world's top 10 QS-ranked Faculty of Dentistry (within the research Centre of Oral & Clinical Translational Science) as a PI, researching, publishing and lecturing internationally about cariology, minimum intervention oral healthcare (MIOC) delivery and minimally invasive operative caries management (MID), adhesive dental biomaterials and clinical implementation trial delivery (>160 peer-reviewed publications, >£2.7 million research grant income, supervision of 5 post-doctorate, 20 doctorate and 26 masters students to date). He concurrently holds honorary / distinguished chairs in Hong Kong, Valencia (Spain), Saveetha Dental College & Hospitals, Chennai and the Institute of Dental Sciences, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha, India.

In 2022, he was awarded the prestigious William H Bowen Caries Research Distinguished Scientist Award from the International Association of Dental Research (IADR) in recognition of his global scientific and clinical research impact in this discipline over the last 25 yrs.

He has been appointed as the deputy national lead of the Oral & Dental UK National Institute of Health Research (NIHR) Research Delivery Network, the Oral & Dental Health national industry lead & speciality Lead for the South London RRDN, where he is responsible for the development of primary care clinical trials and their professional / participant recruitment programmes. He has set up a primary care research network in South London, where oral healthcare practice teams are trained and enabled to carry out dental & oral healthcare research. He acts as an international cariology & operative dentistry R&D KOL for many dental industry partners, including GC Europe / UK, Solventum (formerly 3M Oral Care), Septodont France / UK, Dentsply Sirona, Pulpdent, Colgate and Oral B.

Avijit is primary author of a new textbook in cariology & operative dentistry, "A Clinical Guide to Advanced Minimum Intervention Restorative Dentistry" (Elsevier, 2024), the successor to "Pickard's Guide to Minimally Invasive Operative Dentistry" (10<sup>th</sup> edition; OUP, 2015), a definitive and globally respected text in its field, amongst other book editorships (Minimally Invasive Esthetics, Elsevier (2015), Odell's Clinical Problem Solving in Dentistry, 4<sup>th</sup> ed, Elsevier (2020)) and 12 further book chapter contributions (including, amongst others, caries management in The Principles of Endodontics 3<sup>rd</sup> ed, 2019). He is an editor-in-chief of Oral Health & Preventive Dentistry (Quintessence Ltd), Associate Editor

of the British Dental Journal (Nature) and a senior editorial board member of Dental Update, International Journal of Adhesion & Adhesives and the Primary Dental Journal.

He is a senior executive member of the British Dental Association (BDA) Health & Science Committee (2012 - ), contributing to scientific policy direction at the BDA all whilst maintaining wet-fingered specialist clinical practice in Restorative Dentistry, Prosthodontics & Periodontics. He was President of the BDA Metropolitan Branch London Section (2018-19) and currently holds an Hon. Consultant Advisor post to the Office of the Chief Dental Officer, England (2020 - ). In this role he inputs into national NHS oral & dental healthcare policy direction / advice to the UK government's department of health and social care, focusing on the prevention of dental caries in the most vulnerable, high needs patient groups. He wrote the UK clinical caries management guidelines for general oral healthcare practice teams in 2020, for the post-lockdown recovery of clinical practice in England. He also chairs the Career Pathways Programme Board at the new UK College of General Dentistry, helping to develop an integrated system for career development for all oral healthcare team members in primary care. He is the elected UK council member of the European Federation of Conservative Dentistry (EFCO) and co-chairs the UK chapter of the Alliance for a Cavity Free Future (ACFF). All these national / international roles enable him to co-develop international clinical guidelines on dental caries management and influence their clinical acceptance globally, aiming to help implement / translate his cariology & operative dentistry research into primary care clinical practice in the UK and abroad.

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<http://www.kcl.ac.uk/dentistry/study/distance/AMID/AMIDStructure.aspx>

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