

Professor Trevor Burke DDS, MSc, MDS, FDS MGDS RCS (Edin.) FDS RCS, FADM

Professor of Primary Dental Care

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About

TrevorBurke is (part time) Professor of Primary Dental Care and Hon Consultant in Restorative Dentistry. His principal activity currently involves being Programme Director of a Masters course in Advanced General Dental Practice, this having been set up 12 years ago and being part time to suit the busy lives of dental practitioners. A Distance version of the course commenced in Feb.2013.

Trevor is (co-) author of 280 papers published in peer-reviewed journals and three books. His principal interests are in the translation of in vitro research on dental materials into the clinical situation. In this regard, he co-ordinates the work of two practice-based research groups (The PREP Panel, with 33 dentists UK-wide and BRIDGE, a West Midlands group with 18 dentists) who carry out clinical evaluations of a variety of materials and other practice-based studies.

He is Chair of the Practice-based Research Network of the IADR.

Trevor is also Editorial Director of Dental Update and is Chair of the Board of Dental Protection.

Qualifications

- Professor of Primary Dental Care.
- DDS University of Manchester 1993.
- MSc, University of Manchester, 1989.
- FADM 2000.

Biography

Trevor Burke graduated at Queens University Belfast, and, following appointments in the School of Dentistry, Belfast, he worked in general dental practice from 1974 to 1992 in Manchester, also working 1.5 days per week in the Unit of Restorative Dentistry at the University of Manchester. Appointed Senior Research Fellow in 1991, Senior Lecturer in Dental Practice, University of Manchester 1992, Professor of Dental Primary Care at University of Glasgow in 1996, moving to his present position as Professor of Primary Dental Care at the University of Birmingham and Hon. Consultant in Restorative Dentistry in 2000. Principal activities include the treatment of patients often referred because of tooth wear, being Course Director of a Masters Course, specifically designed for general dental practitioners (currently with 40 students), and research (detailed below).

Trevor is (co-) author of 260 papers published in peer-reviewed journals and three books. He has been awarded over 75 research grants.

Teaching

BDS

MSc Advanced General Dental Practice

Postgraduate supervision

Supervision of two M Phil students.

Trevor also supervises the majority of the research projects carried out by the students taking the Masters in Advanced General Dental Practice.

Research

Trevor's research interests include, properties and applications of tooth-coloured restorative materials, clinical evaluation of materials and their performance in general dental practice, the design of an index of oral health for clinical audit and quality control and ill health retirement among dentists. Trevor co-ordinates the work of two practice-based research groups (The PREP Panel and BRIDGE).

Other activities

Trevor's strongest research interests today centre on Practice-based Research, in which Trevor co-ordinates the operation of a nationwide research group, the PREP (Product Research and Evaluation by Practitioners). This group, which Trevor founded in 1993, has conducted over 60 "handling" evaluations of dental materials and presently has six clinical evaluations of a variety of materials ongoing, these ranging from 18 months to 5 years. In this regard, Trevor is a founding member of and Chair of the European Practice-based Research Network of the IADR. As an Hon Consultant in Restorative Dentistry, Trevor takes referrals from practice, with his principal interest

being the minimal invasive treatment of tooth wear using resin composite restorations. Trevor is also an examiner for the Royal College of Surgeons of Edinburgh, Editorial Director of Dental Update and is Chair of the Board of Dental Protection.

Publications

Burke FJT, Lucarotti PSK. Ten-year outcome of crowns placed within the General Dental Services in England and Wales. J.Dent.2009;37:12-24.

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Morse GA, Haque MS, Sharland MR, Burke FJT. The use of clinical photography by UK general dental practitioners. Br.Dent.J.2010;208:E1.

Brown J, Burke FJT, Macdonald EB, Gilmour H, Hill KB, Morris AJ, White DA, Muirhead EK, Murray K. Dental practitioners and ill health retirement: causes, outcomes and re-employment. Br.Dent.J.2010;209:E7.

Burke FJT, Crisp RJ, James A., Mackenzie L, Pal A., Sands P, Thompson O, Palin WM. Two year clinical evaluation of a low-shrink resin composite material in UK general dental practices. In Press Dent.Mater.

Crisp RJ, Cowan AJ, Lamb J, Thompson O, Tulloch N, Burke FJT. A clinical evaluation of all-ceramic bridges placed in UK general dental practices: three-year results. In Press Dent. Mater.

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