

## Booking Form

Latest booking date: 12 May 2017

Contact BDA Wessex Secretary at wessexbdasec@gmail.com for any queries

Cost:  
BDA member: £185

Non BDA Member: £235

One booking form per person.  
Please return this booking form and cheque made payable to "Wessex Branch BDA" to: Nerina Hendrickse, Hendrickse Dental Health, 32 Botley Road, North Baddesley, Southampton, SO52 9DQ

**Booking Form:**  
I would like to book for the course on 19 May 2017

Name:.....

Address: .....

GDC No. .... BDA member : YES/NO

Email: .....

Telephone No.: .....

Dietary Requirements (if any): .....

Payment enclosed: £.....

## Successful posterior composites

with Trevor Burke

Friday 19 May 2017

University of Portsmouth Dental Academy  
William Beatty Building  
Hampshire Terrace  
Portsmouth  
PO1 2QG

6 Hours verifiable CPD

Registration from 8.30 am  
Lecture 9.30 —5 pm

£185 FOR BDA MEMBERS AND £235 NON -BDA MEMBERS



---

## Speaker: Trevor Burke

DDS, MDS, MGDS, FDS RCS (Edin), FDS RCS (Eng.), FFGDP(UK), FADM



Trevor Burke graduated from Queens University in Belfast, and, following academic appointments in Belfast and Manchester, he worked in general dental practice in Manchester from 1974 to 1996, whilst also working in the Unit of Restorative Dentistry at the University of Manchester. He has been Professor of Primary Dental Care at the University of Birmingham and Honorary Consultant in Restorative Dentistry since 2000.

Trevor is (co)author of 320 papers in peer-reviewed journals and three books. He has been awarded over 80 research grants. His main research interests include properties and

applications of tooth-coloured restorative materials, and the translation of in vitro research on dental materials into the clinical situation. In this regard, he co-ordinates the work of the PREP (Product Research and Evaluation by Practitioners) Panel, established in 1993, a group of dentists who carry out research in their practices. This group, which has now completed over 60 evaluations of materials and techniques, presently has 33 members. He is also the Editorial Director of Dental Update and an examiner for the Royal College of Surgeons of Edinburgh. Trevor's time at the University is mainly spent being Director of the Masters course in Advanced General Dental Practice, this having been established 15 years ago as a campus-based course, and which is now a Distance course designed to suit the busy lives of dental practitioners anywhere in the world.

---

## Course Synopsis

Patients worldwide are increasingly requesting tooth-coloured restorations in their posterior teeth and the trend towards this has been given added impetus with the Minamata Agreement in October 2013 which aims to minimise the use of mercury. Alternative materials to amalgam have therefore become of increased significance. Resin composite possesses the necessary physical properties for the restoration of loadbearing surfaces on posterior teeth, but are considered "technique sensitive".

This all day course will therefore provide the background information necessary to allow participants to place successful posterior composites with ease and will address the issues of polymerisation shrinkage stress, matrices, material selection (including dentine bonding), isolation, placement, shaping and finishing, and the role of the technique in management of deep carious lesions. The current status of glass ionomer materials for restoration of Class I and Class II cavities will also be examined. The lecturer is an experienced user of resin composite materials for restoration of cavities in posterior teeth.

## Aims and Objectives

Following attendance on this course, participants will:

- Be aware of the significance of polymerisation shrinkage stress and how to avoid this being a clinical problem
- Know the matrix systems which facilitate the achievement of a tight and anatomical contact point
- Know how to achieve and anatomically beautiful restorations
- Understand how composite can be of help in the management of deep caries

---

## Programme

---

09.30 -11.00	Update on bonding to dentine, resin composite materials and avoiding polymerization contraction stress
11.00-11:30	Coffee
11.30 -13.00	The literature on survival of posterior composite restorations, cavity design, the latest on sealing deep caries, and, achieving a good contact point
13.00-14.00	Lunch
14.00	Practical: Placement of posterior composite restorations, including a minimal cavity design using sectional matrices and a cusp replacement using Supermat. Throughout, participants will be provided with the latest 3M bulk fill composite materials.
16.30	Feedback and discussion.

---