

Posterior Composite Masterclass

Date: Friday, 5th May 2017| **One day** **Location:** Culloden Hotel & Spa, Belfast

Registration: <https://belfast5may.eventbrite.co.uk>

Fees: £250 (€300) + vat

Direct composite resin restorations in the posterior dentition have become a common day-to-day treatment modality for the majority of dental practitioners in the 21st Century however, many retrospective studies show that the majority of composite resins placed in a General Practice setting perform poorly in comparison with silver amalgam: sensitivity, marginal staining and secondary caries are common and recurrent problems. The vast majority of these failures are a result of simple operator errors, which occur at the time of placement of the restoration: in essence, many restorations have failed before the patient even gets up from the chair. A one-day program offers a simple, easy and predictable strategy to allow the busy dental practitioner to place beautiful, aesthetic lifelike class I and II direct composite restorations.



Dr Jason Smithson qualified at the Royal London Hospital in 1995; achieving a number of awards including The Constance Klein Memorial, The Stafford Millar, and The Malcolm Jenkins Scholarships, The American Association of Endodontics Prize and the Overall Award for Clinical Dentistry. After spending 3 years in oral surgery residency

in London and a further year practicing restorative dentistry in London's Harley Street Medical District, he relocated to Cornwall. Jason practices at Pure Dental Health and Wellbeing, Cornwall, UK where his main focus is microscope enhanced adhesive dentistry. His specific interest is direct composite resin artistry and minimally invasive all ceramic restorations and he has presented to dentists locally, nationally and internationally on this topic.

He is a Post-Graduate Clinical Lecturer in both the Cornwall & Isles of Scilly and Plymouth Foundation Dental Practitioners Schemes. Jason is Resident Faculty at The Centre for Esthetic Excellence, Chicago, USA. He is an Accredited International trainer for Carl Zeiss Dental Academy. Jason has achieved Diplomate Status in Restorative Dentistry from the Royal College of Surgeons (England). He is on the Editorial Board of The Russian Journal of Esthetic Dentistry and has published numerous articles on adhesive and aesthetic dentistry in both the UK and abroad.

Detailed Programme

09:00 Registration

09:30 Lecture & Hands-on

17:00 Finish

- When direct posterior composite resins are predictable and when they are not
- Preparation design and a protocol to reduce the risk of voids, bond failure and sensitivity.
- How to implement modern high tech instrumentation such as particle abrasion and sonic activated preparation tips.
- Flowable composite as a liner: when, where and how? With supporting research.
- Photo-thermal polymerization: heating composite resin, the pros and cons.
- "C-Factor": horizontal, vertical and oblique build-ups. Pulse activation protocols.
- How to assess the occlusal scheme preoperatively and accurately build up your restoration so that little if any occlusal adjustment is necessary.
- An overview of matrix systems: choosing the best for each situation.
- Discussion of a stratification technique using simplified instrumentation to achieve lifelike resin restorations, which require minimal finishing.

Educational outcome: 6.5 hours CPD