

Introduction to injection moulding and Bioclear Method for composites hands-on-course.

Friday 25 October 2024

DMI, 1 Altona Rd, Lisburn,
Co Antrim BT27 5QB

BEL10

valid until 6 October 2024

Use discount code at checkout for 10% saving.

Solventum, formally 3M Health Care.

Course overview

In this introductory course, learn the basics of the five pillars of the Bioclear Method and heated injection moulding. In this 7-hour course, you will be introduced to the benefits of the Bioclear Method, a systematic approach to modern composite, and practice Bioclear techniques for anterior black triangle closure and posterior Class II contact formation on soft-tissue dentoforms. Delegates will come away with the basic skills and understanding needed as a precursor to performing the Bioclear Method on patients.

The course utilises HeatSync heaters, Diamond wedges, Twin Rings, 3M™ Filtek™ Supreme XTE Universal Restorative and 3M™ Filtek™ One Bulk Fill Restorative materials with different types of Bioclear Matrices.

Learning objectives

- Build familiarity with the principles of the 5 pillars of the Bioclear Method
- Learn the injection moulding technique using warmed/ liquified flowable and paste 3M™ Filtek™ composite materials
- Discover the benefits of injection moulding into special anatomical black triangle and molar matrices
- Close a black triangle and create restorations with invisible margins and a mirror-like finish
- Understand how to avoid common mistakes that lead to less than satisfactory results when performing anterior restorations
- Receive an updated hands-on evaluation of modern matrices, wedges and powerful separators
- Learn and perform the seven steps to achieve rock-solid contacts in a Class II restoration

GDC development outcomes

- A:** Improving understanding of direct composite treatment options for patients
- B:** Improved diagnosis and treatment in direct composite dentistry
- C:** Current concepts in direct composite restorations, concepts of the Bioclear Method, concepts of Biofilm removal, concepts of Monolithic composite restorations
- D:** Essential knowledge for predictable direct composite restorations



Who is this day for?

- i. Designed for practitioners who wish to update and improve their knowledge and skills in modern composite restorative techniques using injection moulding.
- ii. It will give you an immediate impact on what you do every day in practice with composite restorations. On return to practice, it can provide you with a streamlined systematic approach to producing predictable high quality composite restorations.

This improves your experience, minimising the need for future repairs/replacements, thus increasing your profits.

Registration at 08:30
One day course: 09:00 – 17:00

£475 ex. VAT offers 7 hours CPD
Don't forget to use the discount code BEL10!



Dr Claire Burgess

General and Aesthetic Dentist
Full Faculty Certified UK Bioclear Instructor
BDS (Birmingham)
MFGDP Royal College Surgeons (Eng)
MSc Restorative & Cosmetic Dentistry
(University Central Lancashire)

Claire Burgess is an accomplished Dental Associate and Clinical Lecturer who specialises in Bioclear Method Restorative treatments – both cosmetic and complex. She completed her MSc in Restorative and Cosmetic Dentistry at the University of Central Lancashire in 2012. She became one of 6 Certified Bioclear Instructors in 2015, and has clinically worked predominantly with Bioclear since. Claire undertakes Level 1–4 courses at the International Bioclear Learning Centre/Dominic Hassall Training Institute in Solihull. Claire has had several articles published on Bioclear in Private Dentistry and more recently in Dental Update.

Click or scan the QR code burgess-dental.co.uk



Course day agenda

8.30 – 9.00am	Registration and coffee
9.00 – 10.30am	Introduction to the Bioclear Method – to include background/philosophy, Biofilm removal, anatomical Bioclear matrices, Bioclear method including injection moulding, cavity design and posterior composites
10.30 – 11.00am	Coffee break
11.00 – 12.45am	Posterior practical's molar – Bioclear matrix, Diamond Wedge selection, placement, Twin Rings placement and injection moulding
12.45 – 1.30pm	Lunch – provided by venue
1.30 – 2.00pm	Anterior composites – to include Bioclear matrix selection and the Rock Star Polish
2.00 – 4.15pm	Anterior black triangle practical – upper central incisor, Bioclear matrix selection, placement and injection moulding
4.15 – 4.30pm	Coffee break
4.30 – 5.00pm	Clinical cases including advanced cases, Bioclear Method summary, Bioclear curriculum



Selected examples of the Bioclear Method created by Dr Claire Burgess

Class II restoration



Temporary dressing tooth 45 before Bioclear restoration.



Bioclear Evolve matrix, Diamond Wedge and Universal Twin Rings in situ pre injection moulding.



Tooth 45 after Bioclear restoration treatment.

Closing a black triangle



Upper black triangles before Bioclear treatment.



Anatomical Bioclear black triangle and anterior matrices in situ before injection moulding.



Closure of black triangles and gingival health after Bioclear treatment.