

Fibredontics

Date and venue:

Friday 27th June 2014
The Barn Function Centre
Berkeley
GL13 9EW.

Course Organiser:

Keith George.

Course Lecturers:

Jansen Van Rensburg.

Programme

The Hands-on training Session is divided into different modules. Each module starts with an introduction lecture, followed by a step to step demonstration of the technique. Finally the trainee (delegate) is given the opportunity to work with the fibres on POP models.

08h45: Registration.

09h00: Introduction Lecture covering:

- Background and history of Fibre reinforcement in dentistry.
- Different applications of the fibres.

09h45: Module 1: (Splinting periodontally compromised teeth)

- Lecture: Splinting of the periodontally involved teeth. Also covered in this lecture: splinting back an extracted tooth. All illustrated by real life clinical cases.
- Demonstration: Placing a fibre reinforced composite splint on the lower anterior teeth using a reliable technique.
- Hands-on session: Get the feel of the fibres as you do a periodontal splint on a POP model.

11h.15: Tea.

11h45: Module 2 (Restoring the endodontically treated tooth)

- Lecture: Restoration of the root canal treated tooth-a serious challenge to any clinician, Different techniques and clinical cases.
- Demonstration: Constructing an anatomical post on 'an endo block' and bonding it into position with a dual cure resin cement.

- Hands-on session: Experience the excitement of constructing your own anatomical post.

13h00: Lunch.

14h00: Module 3: (Direct Fibre reinforced composite bridge)

- Lecture: Several topics are covered during this lecture : Consent for treatment ,Different Fibre Frame designs,composite layering technique and different methods are discussed to guarantee a successful end result. Everything illustrated with clinical cases.
- Demonstration: Useful tips and techniques on how to handle the fibres are shared when constructing a direct anterior fibre reinforced bridge. A simple and easy layering technique with composited resulting in excellent results is taught.
- Hands-on session: Experience the satisfaction when building up a composite lateral on a well designed fibre frame.

15h15 : Tea/Coffee (10 min) (during module 3) .

16h30: Conclusion Lecture covering:

- Summary of useful tips regarding every day practice.

17h00: END .

Aims-

Splinting- Learn the technique for placing periodontal and trauma splints. Get the feel of the fibres as you work with them on the model provided.

Anterior bridges- The design and construction of a single tooth fibre reinforced anterior bridge. Experience layering down the fibre framework and the satisfaction of building up a freehand aesthetic pontic, using a 3 layered composite technique. More advanced designs for fibre frameworks are discussed and alternate ways to construct a pontic are covered.

Endodontic posts- Learn how to construct an anatomical root canal post using a soft flexible fibre post material. The exercise teaches the ideal filling techniques for the canal and cavum maximising strength of the post in this critical area. Finally the post can be cemented into the training block followed by a core build up.

Objectives-

After attending the hands-on course dentists will be able to :

- 1) Select suitable patients
- 2) Place a periodontal splint.

- 3) Construct a fibre post directly in the mouth.
- 4) Bond the fibre post into a root canal treated tooth.
- 5) Construct a direct anterior bridge with a 3 layered composite pontic. This is a good alternative to the Maryland bridge.