

Anterior Tooth Preparation – Hands on course St George’s Hospital - Sept 2015

Speakers: Peter Briggs / Raj Dubal

Learning Aims:

Knowledge:

Understand more about the concepts of anterior tooth preparation to include: clinical outcome, biological risks, cementation, and temporisation. Awareness of indications and outcomes for PFM, DBC & E-max crowns

Practical Skills:

Appropriate Bur choice and hand piece control. Design, prepare and finish preparation margins for three different crowns. Understand the importance of prescription to technician.

Understand how and why the choice of the crown material will always dictate the multi-surface nature and tooth reduction / design of the tooth preparation. Show an ability to produce an appropriately- shaped tooth preparation.

Create enough space between the prepared tooth / teeth that allows the technician to separate create a separate die of the tooth preparation for optimal finishing. Know how to produce the correct dimensions of tooth reduction for an E-Max layered ceramic crown

Know and produce the correct dimensions of tooth reduction for a Dentine-Bonded Ceramic Crown (Fortress / Empress)

Reflection:

Display insight into performance & identify learning needs in the areas of:

- Marginal design, depth of marginal choice and position of margin (compared to gingival margins).
- Labial reduction and two-plane labial reduction
- Interdental tooth reduction
- Separation of prepared tooth from neighbouring tooth
- Winged design for PFM
- Understand indications for the three types of crowns practiced

Learning outcomes:

- More confidence with tooth preparation
- Embrace reflective learning and display professional insight into strengths and weaknesses
- Use reflective learning as a learning tool for the future