

Dental Postgraduate Department

Restoration of Broken Down Teeth (SW-23-04-13)

Date and venue:

Thu 13 Apr 2023, from 09:00 till 16:30 with 12:00 hours CPD
Exeter Dental Education Facility, Devon

Course Organiser:

Samantha Braddock

Course Lecturers:

Prof. Brian Millar Dr Fariha Hussain

Summary

A blended learning course of 12 hours CPD consisting of:
3 hour webinar available 1 month beforehand
3 hours reading and reflection
6 hours hands-on training on clinical skills

Description

This course covers the management of all teeth damaged by trauma, caries, wear and cracked tooth syndrome. It will cover diagnosis and assessment of options through to management. Techniques for intervention utilise a range of materials to replace missing tooth tissue, including the use of adhesive materials as well as traditional methods. Replacement of missing teeth is discussed. This course is in the popular blended learning format with 3 hrs of webinar and coursebook sent to delegates a month in advance of the all-day face to face session. Hands-on sessions include tooth preparation, the use of posts and cores, dentine replacement materials, the use of adhesive bridges, direct and indirect composites. The face to face day will be part seminar and consolidate and build on the resources already supplied and give an opportunity to try some of the techniques including treatment on models, half the day table top and half the day in the clinical skills lab.

Programme

0900- 09.30 Registration

Discuss the blended approach and deal with questions from the precirculated webinar.

Group now split into 2 equal halves: [blue](#) and [green](#)

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Room 1 Clinical Skills Room *Indirect restorative techniques – understanding prep designs and margins, making high quality preps for a range of restorations* (Professor Brian Millar)

09.30 -11.00	Managing broken down teeth with posts, cores (direct, indirect and virtual), crowns and endocrowns. How to choose a suitable material and prep the tooth accordingly. Placing a post and core.
11.00 -11.15	Coffee
11.15-12.30	Looking at margin position and type. Dealing with subgingival margins. Pre-prep adjustments. Indices. Preparation design including RBBs. Cementation procedures according to material.
12.30-13.30	Lunch
13.30-15.00	Managing broken down teeth with posts, cores (direct, indirect and virtual), crowns and endocrowns. How to choose a suitable material and prep the tooth accordingly. Placing a post and core.
15.00-15.15	Coffee
15.15-16.30	Looking at margin position and type. Dealing with subgingival margins. Pre-prep adjustments. Indices. Preparation design including RBBs. Cementation procedures according to material.

Room 2 Seminar Room with tables *Smile designing with composites, wax-ups, testing and evaluating, making provisionals and good impressions.* (Dr Fariha Hussain)

09.30 -10.45	Tooth assessment for broken down teeth – restore or extract? Plan treatment to include aesthetics and function. Creating the destination and checking it. Understanding Destination Driven Dentistry.
10.45 -11.00	Coffee
11.00-12.30	Making effective and aesthetic provisional restorations.
12.30-13.30	Lunch
13.30-14.45	Tooth assessment for broken down teeth – restore or extract? Plan treatment to include aesthetics and function. Creating the destination and checking it. Understanding Destination Driven Dentistry.
14.45-15.00	Coffee
15.00-16.30	Making effective and aesthetic provisional restorations.

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Educational Aim:

The aim of this course is to help dentists better assess broken down teeth and select appropriate treatment options to manage repair and restoration of aesthetics, function and the occlusion.

Objectives:

By the end of this course participants should be able to;

1. assess damaged teeth for repair or replacement.
2. describe techniques for the restoration of broken down teeth.
3. Select and use appropriate materials for repairing or replacing broken down teeth Prepare teeth accurately and quickly
4. Carry out predictable impressions
5. Place effective provisional restorations
6. Understand cementation protocols for different materials
7. Restore aesthetics and function understand the destination driven approach
8. Manage subgingival margins

Learning Outcomes:

At the end of this course participants will be able to;

1. Know when to restore teeth and when to extract
2. Know which indirect materials to use to restore root filled and broken down teeth
3. Be able to use aesthetic and functional indirect restorations
4. Know which materials and techniques to select for a given clinical situation
5. Be able to design and make suitable provisional restorations
6. Be able to take good impressions in difficult situations
7. Understand and use the destination driven approach to accurate tooth preparation

GDC development outcome: C

The eGDC activity log suggests reflecting on the following during and after this course:

- What did you learn (or confirm) from the activity that was helpful or relevant to your daily work and patients?
- Did you identify any changes/updates needed in your daily work, and if so, what? How did you make these changes?
- If you didn't identify changes needed, what did the activity confirm for you, that you may already know or be doing?

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- What was the benefit to your work and/or your patients in carrying out this activity?