

Advanced Occlusion & Comprehensive Treatment planning

COURSE INFORMATION

The problem

“Do you know a good occlusion course?” is a question that we have been asked many times over the years. Unfortunately ‘occlusion’ is not a subject that can be discussed on its own. It is a part of every restorative or orthodontic treatment plan, but yet it is often taught in isolation. To add to the confusion, there are many different approaches that all achieve the same, or similar results for the patient. Frequently there is more than one ‘right’ answer.

The solution

In order to master the combination of aesthetics and function it is necessary to consider occlusion in the context of the problems you are likely to face at the chairside or in planning and delivering treatment.

This course is intended to allow practitioners who have a degree of prior knowledge to consolidate their diagnostic and treatment skills in order to treat more complex cases with confidence. We will draw on what has already been covered in the Cosmetic & Aesthetic Restorative Dentistry Year Course and build on some of the more advanced topics, supplemented with hands-on exercises.

In order to unravel some of the confusion that surrounds occlusion, we will adopt our usual comprehensive approach, identifying the similarities and significant differences between the occlusal philosophies of Gnathology, Pankey, Dawson, Kois, Spear, Bioaesthetics, and Neuromuscular (amongst others), together with the different joint positions and articulators associated with each.

Following on from this, we will consider a comprehensive clinical examination that can be used to screen all patients for occlusal problems and differentiate between the healthy and unhealthy occlusal systems. The emphasis will be on identification of the ‘high-risk’ patient or the patient who needs specific TMJ management before restorative treatment can be undertaken.

The rest of the course will cover management of problems in different parts of the occlusal system, whether this is the teeth, the TMJs or the muscles. We will look at appliance therapy, again adopting a comprehensive approach to compare and contrast different appliances. We will also look at the current state of knowledge on tooth wear and bruxism and relate this to restorative dental management, again with an emphasis on risk management for the ‘occlusally dangerous’ patient so that treatment can be sequenced correctly and the risks managed during its delivery.

Through practical exercises on comprehensive examination, equilibration, buildups for the worn dentition and appliance therapy amongst others, we will show you how to build these techniques into your daily practice. In addition, a comprehensive starter kit of the consumable items needed for bite records and comprehensive examination will be given enabling you to implement what has been learned immediately on return to your practice.

Format

The course will run over 8 days, in blocks of two days with roughly four weeks between the sessions. The group will be limited to a maximum size of 18 delegates.

As always, the lecture and practical programme will be fully supported with a reading material. However due to the nature of the topics, the research articles will be designed for post-seminar reading to reinforce what was discussed and will be provided in a course manual along with lecture handouts and practical worksheets.

Dates

25 & 26 Oct 2010

22 & 23 Nov 2010

13 & 14 Dec 2010

17 & 18 Jan 2011

Course fees & Payments

Registration is open **only** to those people who have completed the Cosmetic & Aesthetic Restorative Dentistry Year Course.

£550.00 + VAT per day.

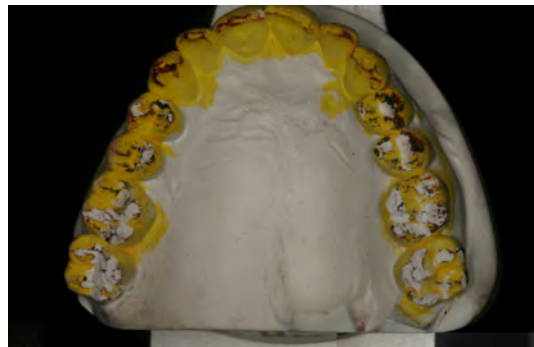
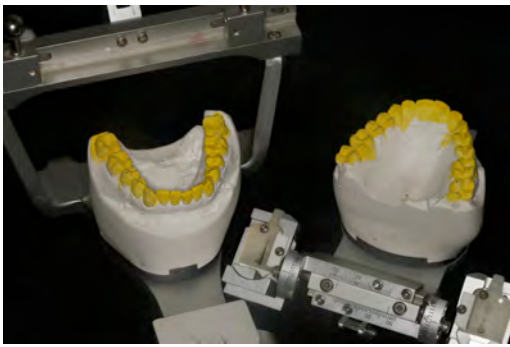
Course fee includes all models, materials and appliances.

Payments: Deposit of £450.00 to secure course place
 Two payments of £2200.00 + VAT (to be made by 20 Oct 2010 and 10 Dec 2010)
 Payment may be made by Maestro / Visa debit or bank transfer
 Or by Mastercard / Visa (subject to 1.5% card processing charge)



Part 1: The (mostly) healthy masticatory system

- Lectures**
- The healthy masticatory system: teeth, joints & muscles
 - History of the study of occlusion
 - Modern philosophies of occlusion
 - Facebow transfer – when & how
 - Articulator selection for different situations
 - Envelope of function
 - When to use intercuspal position
 - Centric relation & when to use it
 - CR bite records
 - Comprehensive clinical examination: teeth, joints & muscles
 - The unhealthy masticatory system
 - The screening exam – identifying patients who require more comprehensive care
 - Symptoms of unhealthy joints, muscles & teeth
 - Load testing
 - Deprogramming at the chairside
 - Verification of accuracy of CR mounting
 - Equilibration: what, why, when & how
 - Trial equilibration: when & how
- Practicals**
- Comprehensive clinical examination
 - Comprehensive records
 - Centric relation bite records
 - Trial equilibration on models



Part 2: The unhealthy masticatory system

Lectures:

Overview of the diseased system

Unhealthy muscles: signs & symptoms

Unhealthy teeth: Mobility & fremitus, Tooth wear

Unhealthy joints: Classification of TMJ pathology

Aetiology of TMJ pathology

Technology to help with joint diagnosis: Doppler auscultation

Relating joint condition to restorative dentistry

Appliance therapy

Partial coverage appliances: Flat anterior appliances

Deprogramming appliances & their role in equilibration

Role of full coverage appliances (hard & soft)

Appliances for unhealthy joints

Changing anterior guidance – effects on teeth, muscles & joints

Vertical dimension: when to change it & when not to

Current evidence behind concerns on alteration of OVD

Changing vertical dimension – effects on teeth, joints & muscles

The acutely symptomatic patient who presents at the practice: diagnosis & management

Practicals

Fit & adjust flat plane appliance / deprogrammer appliance

Fit & adjust soft bite guard

Fit & equilibrate hard upper full coverage splint and soft bite guard

Doppler auscultation of TMJs



Part 3: The worn dentition

Lectures

Aetiology of tooth wear

Common presentations: attrition, erosion, abrasion, abfraction

Erosion: confirmation of diagnosis & risk management

Attrition: Parafunction vs. bruxism, confirmation of diagnosis & risk management

Treatment sequencing

Creating space for restorations

The role of provisional restorations

The patient who cannot be equilibrated

Guidance patterns

Case finishing for force distribution

The patient who will continue to brux

Practicals

Complex equilibration

Direct addition technique for provisionals

Overlay technique for provisionals

Building group function into protrusive & lateral guidance



Part 4: Putting the pieces together

Lectures

Review of the diagnostic process

How to fit the comprehensive exam into your practice

Presentation of exam findings to the patient

Fee setting for

- comprehensive exam & models
- equilibration
- appliance therapy

Review of the treatment process

- Sequencing the full-mouth case in the healthy masticatory system
- Sequencing the full-mouth case in the unhealthy masticatory system

Bite records for different restorative situations

The gummy smile – diagnosis & management

Maintenance of the full mouth case

Practicals

Treatment planning & sequencing

Eggshell provisionalisation technique

Relining labmade provisionals at the chairside