

FULL DAY LECTURE & HANDS-ON COURSE!

# Preparation rules for CAD-CAM restorations

## Dr Eduardo Mahn

DDS, DMD, PhD

Dr. Mahn graduated from the University of Chile, in 2010 got his doctorate degree in Implantology from the Duesseldorf University, owns a Diploma from NYU and is a certified prosthodontist in Chile.

He is the author and co-author from several concepts and techniques like the dynamic smile, facial flow, FEM technique, 5x3 technique and others. During recent years he has been lecturing intensively about Esthetic Dentistry and Implantology around the globe. He presently Director of the Esthetic Dentistry Program at the Universidad de los Andes and is the Owner of the Austra lab and the Artis Clinic in Santiago.

## Book Now !

For more information please call :-

Jackson Ngoo	012 332 1364
Ron Sim	012 588 5427
Philip Ding	016 272 0248
Neon Gan	019 388 9781
Office	03-80750 2365

## Workshop Date

# 19.08.19

Venue : New world Hotel PJ

Time: 9:00am - 5:00pm

Fee : RM 1600(1 day)

Payment Method:

Bank in/ Internet Transfer to :

RHB 21215-2000-92523  
PBB Acc no : 313 656 9533  
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We have seen a lot of changes during the last years in material science. From Gold a different metal alloys we moved to ceramics. From traditional conventional cementation we moved to adhesive bonding. Since the survival rate of traditional materials was quite acceptable, the question was why we should change them. The obvious answer was because they were not esthetic enough. We the new demands of a increasingly "esthetically concerned" society those materials are not longer adequate. The problem was that new materials were more sensitive to the techniques and clinicians were relying too much on adhesion and forgetting the "classic" preparation rules. So the question that arise is if the preparation rules first changed for all ceramic restorations and now if they change again for CAD-CAM restorations.

The lecture will analyze this topic from an historical perspective, based on practical examples and fully documented clinical cases. Material science will be discussed and new challenges of minimal invasive preparations combined with CAD-CAM restorations will be presented.

All the steps will be shown by the instructor with an HD camera with high magnification for explanation of all the details.

### Course description

The course will cover the necessary knowledge to master preparations for inlays, onlays, crowns and endocrowns done with CAD-AM technology. Cuspal coverage will be discussed and different designs demonstrated. Silicon guides are going to be made. Teeth 16, 14, 26, 27 and 24 are going to be prepared and temporized. Different burs are going to be shown, and step by step preparation techniques are going to be demonstrated. Novel techniques and instruments like the sonic tips, step cutting burs and others are going to be presented. Finally, temporaries are going to be made and a short cementation demo performed.

All the steps will be shown by the instructor with an HD camera with high magnification for explanation of all the details.

Learning objectives:

The participants will learn:

1. About the advantages and disadvantages of CAD-CAM technology.
2. To prepare inlays and onlays
3. When cuspal coverage should be performed
4. To prepare crowns and endocrowns done with CAD-CAM technology
5. To make state of the art temporaries for the different indications

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## **Diastema closure: Mastering diastema mediale, multiple diastemas and peg laterals**

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Classical dentistry is dealing with defects, caries, demineralized areas, discolorations or broken teeth after trauma. In such indications we are restoring damaged, infected or missing areas of the tooth structure. In order to achieve immediate success and long term survival we need to respect several biological rules and follow certain clinical protocols. Restoring the function was the priority and aesthetics was secondary. If at the end of the treatment the restoration looked nice it was always welcome. The above description fits well to dentistry during the last 30 years. But these ideas are not longer acceptable for many of our patients. In our competitive modern society it is considered a disadvantage to have "not nice looking" teeth. This means that whenever something happen to them (caries, trauma, insufficient form, proportions or alignment) the situation needs to be fixed... and in an aesthetic way! As a simple example, many patients have old anterior composites with an insufficient appearance and a diastema for years, they come to you for having them changed plus the diastema closed, and suddenly they do not accept anything but a perfect invisible filling! Others come for orthodontic treatment with too small teeth for their jaws, and after the orthodontic treatment they are not happy with nicely align teeth with spaces between them, they also want to have them closed! Fortunately the improvements in techniques and materials have been so great during the last years that we are in a comfortable position to offer the patients answers and predictable results for such cases.

The course will focus in how to deal with diastemas in a simple, minimal invasive and predictable way, it will also give guidelines regarding the choice of materials. It will present a simplified layering concept and discuss the limitations of them. The aesthetic potential of ceramics and composites will be shown, the advantages of new materials and last improvements in their optical properties will be described. It will be based on many fully documented clinical cases in HD quality, with step by step procedures, showing what is really possible to achieve and the limitations of novel techniques.

#### **Course description:**

The course will cover the necessary knowledge to know what to do when spaces are present in the anterior region. First, the participants will evaluate the model and plan how to prepare, if necessary. Afterwards they will prepare the teeth and then they will have to restore them one by one keeping the proportions. Several techniques for closing diastemas will be shown. The pulling technique, the reverse pulling technique, the FEM technique and the Wing technique will be explained in detail. The Hands-on will finish with the demonstration of finishing and polishing.

All the steps will be shown by the instructor with an HD camera with high magnification for explanation of all the details.

#### **Learning objectives:**

The participants will learn:

1. How to manage the proportions
2. How to diagnose a case with Bolton discrepancy
3. How to layer composites to close diastemas
4. About different novel techniques for the anterior region
5. How to finish composites when diastemas were closed.

### **Workshop Date**

# **20.08.19**

**Venue : New world Hotel PJ**

**Time: 9:00am - 5:00pm**

**Fee : RM 1600(1 day)**

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## FULL DAY LECTURE & HANDS-ON COURSE!

# Course schedule & fee

\*1 Day Course Fee per participant at RM 1600

\* For Participant who sign up day 1 & 2 course at RM 2900 only (RM 300 off)  
and get 1 Ivoclar Vivadent A-D porcelain shade guide Free

Venue : New World Hotel Petaling Jaya  
No 1, Jalan SS7/26A, Kelana Jaya, PJ

### Day 1 (19.08.2019)

#### Preparation rules for CAD-CAM restorations

09:00-10:30	Introduction to CAD-CAM technology. Limitations and advantages of milling and how we should prepare. Guides
10:30-11:00	Coffee break
11:00-12:30	Preparation of the teeth, inlays, onlays, step by step. Cuspal coverage on different teeth.
12:30-14:00	Lunch
14:00-15:30	Preparation of different crowns and endo crowns.
15:30-16:00	Coffee break
16:00-17:30	Temporaries and cementation discussion and demo.

### Day 2 (20.08.2019)

#### Diastema closure: Mastering diastema mediale, multiple diastemas and peg laterals

09:00-10:30	Introduction of the technique. Advantages and disadvantages. Problems when closing spaces, the emergence profile. The FEM, pulling, reverse pulling and wing technique are going to be explained
10:30-11:00	Coffee break
11:00-12:30	Creation of the silicon guide. Evaluation of the model. Form and proportions exercise. Preparation of the teeth 13-23. Classical Bolton discrepancy case.
12:30-14:00	Lunch
14:00-15:30	Layering and the use of the different techniques in all teeth. Reverse FEM
15:30-16:00	Coffee break
16:00-17:30	Excess removal, curing protocols. Finishing and polishing.

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