

**VieSID<sup>®</sup>** / Vienna School of  
Interdisciplinary Dentistry  
Education in Occlusion Medicine

# Digital Wax-Up Workshop



UNIVERSITY CLINIC OF DENTISTRY  
MEDICAL UNIVERSITY OF VIENNA

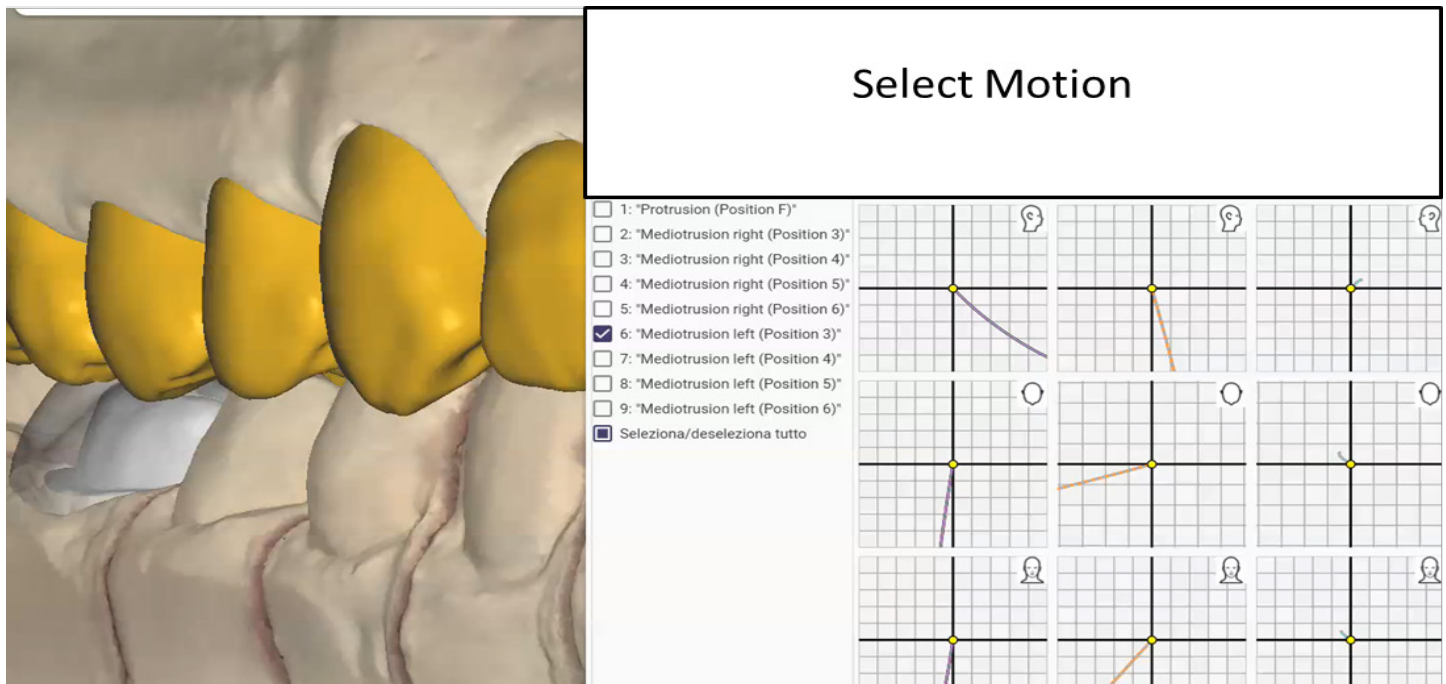
The courses of the Medical University of Vienna are operated by  
the Vienna School of Interdisciplinary Dentistry

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## ABOUT

A 3-day hands-on course with a focus on digital wax-up according to Prof. Slavicek's concept for the occlusal classes I, II, and III (and crossbite). The course is carried out using exocad and integrating the patient's parameters exported from the GAMMA system. This course is

mostly practical, although the training will be supported by theoretical notions. The course objective is to allow the participants to acquire the necessary skills to design prosthetic rehabilitations (e.g., crowns, bridges) in line with Slavicek's principles of occlusion.



## TOPICS

- The participants receive a clinical case with the associated GAMMA data
- Import the parameters into exocad
- Perform the wax-up respecting the criteria of Slavicek's principles of occlusion
- Export the file for production and present it to the class
- Digital Dental Wear Analysis in exocad
- Digital identification of the wear patterns (abrasion, erosion, abfraction) and correlation to the occlusal dynamics
- Restoration of functional morphology while respecting the gnathological parameters
- Consideration of the combined data from the wear pattern analysis with the GAMMA parameters for personalized rehabilitation

## OPTIONAL EXOCAD TRAINING DAY: EXOCAD BASIC SKILLS

This day can be booked separately from the workshop. It is designed for non-exocad users who must acquire the basic skills necessary for following the Digital Wax-up

workshop. The content of this course will not be taught during the Digital Waxup Workshop. Confident exocad users should refrain from registering for this day.

## STRUCTURE

### Day 1 - Physiological Class I occlusal rehabilitation

Brief introduction to the exocad tools for gnathological analysis and Class I wax-up. Model alignment according to the GAMMA data. Importing occlusal parameters from GAMMA (.xml file or manual data). Class I digital wax-up. Design of molar and premolar crowns with functional cusps (accounting for the condylar trajectory). Contact optimization in ma-

ximum intercuspation and during eccentric movements. Simulation of dynamic canine guidance and lateral disclusion. Design validation. Use of the "Occlusion Editor" tool to verify contacts. Interference correction based on the GAMMA data.

### Day 2 - Class II Digital Wax-up

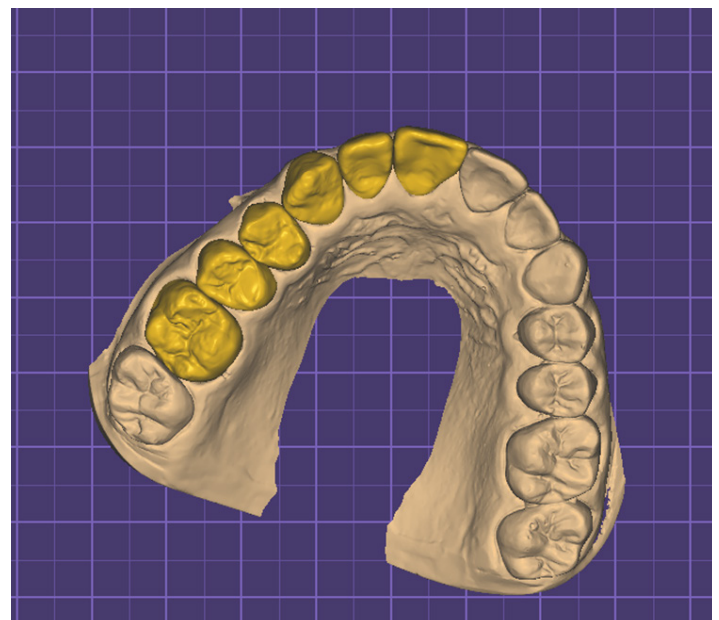
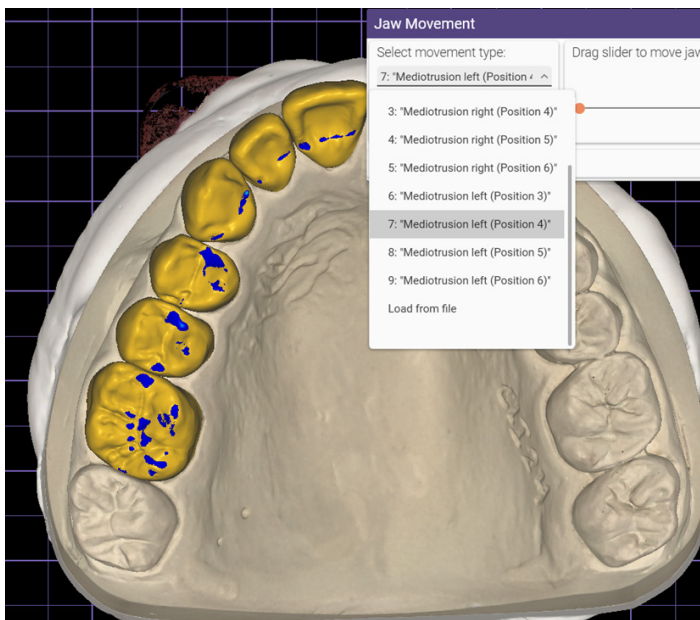
Analysis of Class II according to Slavicek. Changes to the occlusal plane and curve of Spee in cases of increased overjet. Role of incisor guidance in joint protection. Importing the GAMMA parameters for Class II. Adjusting the virtual articulator according to GAMMA parameters and importing the xml file. Class II digital wax-up. Design of crowns/bridges with

cusps according to the sequential wax-up concept to avoid abnormal loads. Optimization of protrusive and laterotrusive contacts.

### Day 3 - Class III (and Crossbite) Digital Wax-up

Adjustment to Class III. Occlusal plane inversion and load management in crossbite cases. Importance of Wilson's curve for distributing forces. GAMMA parameters for Class III. Utilization of asymmetrical condylar values. Digital wax-up of Class III. Design of inverted occlusal surfaces (lingual vs. vestibular cusps). Complex cases and troubleshooting. Ma-

agement of protrusive interferences. Exporting the design for milling (checking thicknesses and undercuts).



## GENERAL INFORMATION

<b>Host</b>	Medical University of Vienna & University Clinic of Dentistry Vienna
<b>Organized by</b>	VieSID® Vienna School of Interdisciplinary Dentistry in cooperation with the Medical University of Vienna
<b>Lecturers</b>	DT Francesco Logreco
<b>Language</b>	English / with possibility of Russian and Ukrainian translation
<b>Target group</b>	Dentists, dental technicians
<b>Prerequisites</b>	Successful accomplishment of the VieSID Basic Curriculum or VieSID Dental Technician course. Previous knowledge of exocad is required. Non-exocad users must participate in the preliminary exocad training day, instructing them on all the tools and functions necessary for this course. During the Digital Wax-up course, no effort will be made to level up the participants in their basic exocad skills.
<b>Venue</b>	Dental University Clinic of the Medical University of Vienna, Sensengasse 2a, 1090 Vienna, Austria
<b>REGISTRATION</b>	Please register at: <a href="http://www.viesid.com">www.viesid.com</a> , or send your registration form to: <a href="mailto:info@viesid.com">info@viesid.com</a>

To guarantee intensive and effective lessons, the maximum number of participants is limited.

For detailed information please contact:

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