

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

# BASIC CURRICULUM



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

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

VieSID® - Vienna School of Interdisciplinary Dentistry  
The Slavicek Foundation e.V.  
Wiener Schule für interdisziplinäre Zahnheilkunde  
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## OCCLUSION AND FUNCTION

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The functional role of dental occlusion is intensively debated within the field of dentistry and oral medicine. Is occlusion associated to oral dysfunctions? Is it an etiological factor to temporomandibular disorders? Should it be altered to solve dysfunctions of the stomatognathic system and how? To address these points, a deep knowledge of the masticatory organ and its functions is necessary. The masticatory organ should be regarded as a functional element integral to the human organism. Thus, understanding its kinematics and relationships to its surrounding structures is crucial.

Further factors challenge the modern dentist: contemporary humans live longer than archaic homo and their diet is based on soft and refined food, which alters the normal growth and development of the masticatory structures. Thus, chewing, once the primary function of the oral structures, seems to have lost its relevance. However, the effect of malocclusion and dysfunction on verbal expression, esthetics, posture and non-masticatory habits, such as clenching and bruxing, is matter of intense debate in modern dentistry and related disciplines.



## INTERDISCIPLINARY APPROACH TO DENTISTRY

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Dental medicine is under continuous development. Novel scientific findings, technical and mechanical advancement contribute to the improvement of diagnostic and treatment approaches for orofacial dysfunctions, with increased tendency towards complex 3D image-based techniques. The complexity of the masticatory organ and the multifactorial nature of the disorders affecting it, call for an informed use of concepts and tools proper to interdisciplinary dentistry. Deep knowledge of anatomy, physiology and biomechanics are crucial for the

correct implementation of diagnostic and therapeutic tools available within the realm of dentistry and related disciplines and, thus, for the successful treatment of the patients and their safety. Hence, continuous education is significant for the dentist. The main goal of the Vienna School of Interdisciplinary Dentistry (VieSID) is to provide the dental clinicians and technicians a cross-curricula, up-to-date, comprehensive education through its highly educated and experienced instructors.



## LECTURERS

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### Dr. Daniele Togni, MSc



Dr. Daniele Togni is specialized in dentistry and dental prosthetics which he practices based on the most modern gnathological principles. He obtained his medical degree from the University of Milan, Italy in 1988 and in 2011 concluded successfully the MSc in Dental Sciences at Da-

nube University Krems, under the supervision of Prof. Slavicek. He joined the VieSID team as an instructor in 2015. His points of strength are the deep knowledge of the dental literature combined with the use of interdisciplinary dentistry tools. Since 2024 he is the educational coordinator of VieSID.

### Dr. Miguel Assis, DDS, MSc



Dr. Miguel Assis is a specialized orthodontist practicing the concepts of interdisciplinary dentistry while educating himself through postgraduate courses on advanced orthodontic techniques and function and dysfunction of the masticatory system at various schools, including a Master of Science in prosthodontics at the

Medical University of Vienna, the Kanagawa Dental University, Japan, and the Santiago de Compostela University. He attended the VieSID courses before becoming a VieSID instructor himself. His expertise includes the use of condylography as monitoring tool supporting the diagnostic assessment.

### Dr. Alejandra Londoño, DDS, MSc



Dr. Alejandra Londoño is an orthodontist specialized in functional analysis of the masticatory system and condylography. Her experience derives from advanced studies, her clinical practice and research activities. She graduated and specialized in orthodontics in Colombia and

obtained a Master of Science in Prosthodontics at the Medical University of Vienna. She successfully conducted further postgraduate studies at the Danube University, Austria and Kanagawa Dental University, Japan. She attended the VieSID courses before joining the VieSID team as instructor.

### Andriy Klovanets, DMD, MSc



Dr. Andriy Klovanets is specialized in prosthodontics, oral surgery and implantology and in the diagnosis and treatment of CMD. He first graduated at Danylo Halytsky Lviv National Medical University, Ukraine. He graduated as Master of Science in Prosthodontics through the

Medical University of Vienna and acquired further postgraduate education through the VieSID courses. He became a lecturer for VieSID in 2018.

## LECTURERS AND ASSISTANTS

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### Dr. Anastasia Saltykova, MSc



Dr. Anastasia Saltykova is a VieSID instructor expert in the application of the clinical instrumental functional analysis. She graduated at Moscow University, Russia and got a MSc in Dental Sciences at Danube University Krems, Austria.

She was a scientific assistant at Danube University Krems and has joined the VieSID team in 2008. She also operates a private practice in Moscow.

### DT Karin Graichen, MSc



Karin Graichen, DT, is an experienced teacher in dental techniques and joined the VieSID team in 2008. She began to work as a dental technician in 1990, opening her own dental laboratory 10 years later.

She now coordinates a large team of collaborators in her laboratory. Her postgraduate education includes a MSc in Dental Sciences for Dental Laboratory at Danube University Krems, Austria.

### DT Stefan Thunert, MSc



Stefan Thunert ,DT, is a specialist in functional and esthetical dental technology following the VieSID's concept in reconstructive dentistry. Since 2000, he owns a dental laboratory, and achieved a Master of Science at the Danube University in Krems in 2011. He joined the VieSID

lecturer team in 2014.

### Dr. Diana Badreddin, MSc



Dr. Diana Badreddin graduated from the Medical Universities of Krasnodar and Barcelona, and further studied in Italy and Austria. Supervised by Prof. Slavicek, she obtained a MSc in Dental Sciences at Donube University, Krems. She then specialised in functional orthodontics and occlusal medicine with Prof. Sato. She gained

invaluable clinical experience while assisting Prof. Slavicek and joined the VieSID team of lecturers in 2014. Her range of expertise includes orthodontics, condylographic analyses, the treatment of craniomandibular dysfunctions, and posture correction.

## LECTURERS AND ASSISTANTS

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### **Darya Grygoryeva, MSc**



Graduated and specialized in orthodontics and prosthodontics in Ukraine and studied further in Russia, Korea, Japan and Austria, nostrified diploma in Slovakia. She specialized in functional orthodontics and occlusal medicine in a three-years course by Prof. Sato. She works with multidisciplinary functional cases in kids, ado-

lescents and adults using the mandibular repositioning approach achieving treatment goals with analog and digital dental instruments and physical rehabilitation. She has been an official member of VieSID since 2022, working as a clinical assistant, translator and provides organization support with the courses. Private practice since 2009.

### **DT. Federica Ogliara, MSc**



Dr Federica Ogliara,DT, owns a dental private office, treating complex cases by means of orthodontics, prosthodontics and conservative therapies. In 1995 she achieved a DT diploma; in 2000: graduated in Dentistry and Dental Prostodontics; 2011-2012: Academic expert in "Function and Dysfunctions of the Masticatory

organ" and "Therapy and Treatment Concepts Course" by Prof. Slavicek; VieSID Continuum Advanced Orthodontics in Craniofacial Dysfunctions by Prof. Sato; VieSID Controlled Mandibular Repositioning by Dr. Landry; She will support in the Italian VieSID Basic Course.

### **Dr. Paola Mancia, MSc**



Dr. Paola Mancia first graduated in dentistry through "Tor Vergata" University in Rome. In 2009 she attended a postgraduate course on function and disfunction of the masticatory organ, at Danube University, Krems, with Prof. Slavicek and studied further with Prof. Sato

attending the VieSID Orthodontic Course. She lectures in various courses and actively participates in congresses and workshops. In her private office in Rome, she focuses on the diagnosis and orthodontic rehabilitation of dysfunctional patients. She assists in VieSID courses since 2016.

## THE CURRICULUM

The Vienna School of Interdisciplinary Dentistry - VieSID Basic Curriculum is conceived as a comprehensive theoretical and hands-on course in functional dentistry and is based on Professor Rudolf Slavicek's concept. The teachings of the VieSID Curriculum can be effectively implemented in the daily practice by dentists, dental technicians and experts from related professions. It is split up into three 5-days-long modules. Each module

includes theoretical and practical lessons and requires active participation of the attendees. The theoretical classes are aimed to inform about cranio-mandibular function and dysfunction. The practical lessons are meant to train the participant in all the phases of the functional diagnostic, including the interpretation of the clinical evidence.



Supported by the VieSID instructors, every attendee carries out diagnostic work-up, documentation and case planning on their own patients. Their clinical work is assessed and discussed with the instructors so as to allow immediate application of the content of the course



and thus ensure optimal fruition. The participants will acquire the ability to critically evaluate and consider important aspects of the best available practice in dentistry and the latest technological developments.



## TOPICS

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### The cranio-mandibular system:

- Anatomy
- Neuro-muscular system
- Evolution
- Phylogenesis and ontogenesis
- Cybernetic concept
- Functions of the masticatory organ
- Occlusion
- Functional geometry

### Reference position

Bite registration to define the position of upper jaw and lower jaw in relation to the TMJ  
Discussion of different methods including theoretical and practical lessons

### Condylar registration

Registration based on anatomic and true hinge axis using the jaw tracking system Cadiax Compact 2 and Cadiax 4 systems. The following clinical procedures are practiced between the participants:

- Customization and mounting of the mandible clutch (tray and functional occlusal clutch)
- Mounting of the condylograph face-bow system
- Localization of the patient's individual true hinge axis by using both, a mechanic (graphic) and an electronic method.
- Registration of the dynamic condylar tracings of the mandibular movements, including standard open-close, medio- and laterotrusive movements, as well as speech, chewing and bruxism.
- Orthopedic standard analysis of the TMJ
- ECPM position analysis of the mandible

### The condylographic tracing

Standardized approach to the evaluation of the condylographic outcomes including differential diagnosis

### Articulator programming

Patient-specific setting of the condylar housing at the sagittal and transversal plane, considering TMJ retral movement patterns

### Articulator transfer

Mounting of the upper cast according to the true hinge axis and of the lower cast using the reference position record

## TOPICS

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### Cephalometric

Analysis of the cephalometric data including:

- Identification of the landmark points and contours (including practice on the x-ray images using CADIAS software)
- Data transfer of the condylar tracings to ceph
- Skeletal types, individual norms, skeletal, dental and functional values
- Concept of relative condylar inclination (RCI)
- Importance of occlusal plane inclination
- Understanding of compensation mechanism
- Discussion of the skeletal configuration of the patient and its functional interpretation

### Functional diagnostic of the anterior teeth

Including practical exercise

### Correlations and differential diagnosis

### Principles of wax-up techniques

Discussion of dental class I, II, and III and cross bite  
Practical exercises on dental class I cases

### Summary and examination

### Condylar position measurement (CPM)

### Discussion on initial therapy

### Case documentation

Presentation and discussion of patient cases



## GENERAL INFORMATION

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<b>Host</b>	Medical University of Vienna & University Clinic of Dentistry Vienna
<b>Organized by</b>	VieSID <sup>®</sup> Vienna School of Interdisciplinary Dentistry in cooperation with the Medical University of Vienna
<b>Lecturers</b>	Dr. Daniele Togni, Dr. Miguel Assis, Dr. Alejandra Londoño, Dr. Andriy Klovanets, DT Karin Graichen, DT Stefan Thunert, Dr. Anastasia Saltykova
<b>Course language</b>	International Course: English Courses in Italian, Russian, Spanish and Ukrainian language available
<b>Target group</b>	Dentists, dental technicians and professionals of related disciplines
<b>Certificate</b>	Issued by VieSID and the Medical University of Vienna, after successfully passing an exam and presenting a fully documented case
<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.  
Further information about price and dates on [www.viesid.com](http://www.viesid.com)

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