

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

# ADVANCED CONDYLOGRAPHY



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®** / 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  
ZVR-Zahl: 486412109

Wasserzeile 35  
3400 Klosterneuburg  
Austria  
[www.viesid.com](http://www.viesid.com)

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## ABOUT

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Clinical Instrumental Analysis, so called Condylography, has been proven to be an important part of the diagnostic approach in interdisciplinary dentistry. The non-invasive method of Condylography monitors the patient's individual movement of the mandible, within 6 deg of freedom. In the center of interest stands the translator and rotatory component of hinge-axis movement. This movements are in relation to a standardized craniomandibular coordinate system (hinge-axis-orbital coordinate system) based on the zero point (hinge-axis position of the mandible when mandible is controlled

in RP). Condylography recordings are useful to program condylar housing of semi- and full-adjustable articulators according to the patient's individual moment patterns. The data may also be used to judge the mobility and motility of the TMJs. Based on standardized so-called boarder movements (Protrusion, Mediotrusion R&L, open/close), a clinical-instrumental preliminary assessment of the functional status can be performed, habitual functional movements (bruxing, speech, swallow, etc.) can be analyzed and possibly integrated into instrumental analysis in the articulator.



## LECTURER

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**Dr. Elöd Úry, MSc**



Dr. Elöd Úry is an expert in prosthodontics and functional diagnosis and digital dentistry. He owns a private dental clinic in Sopron, since 1996. After graduating at the Semmelweis Medical University in Budapest, he received MSc in Dental Sciences under the supervision of Prof. Slavicek. He has participated in several prost-

graduate courses before becoming a VieSID instructor. He is currently enrolled in a PhD program through the Department of Evolutionary Anthropology University of Vienna, focused on the functional analysis of the stomatognathic system.



## CONTENT

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### Day 1 & 2 – “Clinical procedures of Condylography”

This first part of the course will mostly concentrate on hands-on sessions, including short theory inputs on important topics. The participants will be split in different groups with max. 4-5 students to guarantee detailed learning in the advanced procedures of clinical Condylography. Each group will have

a clinical instructor and will be supervised by Dr. Úry.

Lecturer:

Dr. Előd Úry  
VieSID team



This clinical training includes:

- Theoretic background of Condylography
- Preparation of workspace and computer
- Mounting of functional occlusal clutch system
- Mounting of face-bow system
- Hinge-axis location
- Reference position
- Face-bow geometry
- Recording of condylographic movement
- Clinical diagnostics and manipulation techniques
- Recording of CPM
- RP marking on skin
- Mounting casts to the articulator
- Data saving and basic analysis

## CONTENT

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### Day 3 & 4 – “Condylography diagnostics”

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The second part of this tutorial is lectured by Dr. Előd Úry. The lecture takes place in a seminar room and consists out of theoretical input, with focus on interpretation of Condylography data. Dr. Úry's extensive experi-

ence guarantees a high leveled, informative tutorial.

Lecturer:  
Dr. Előd Úry



This lectured tutorial includes:

- TMJ anatomy, including related structure
  - TMJ pathologies
  - The importance of Hinge-axis
  - Basic principles of Condylography diagnostics
  - Advanced diagnostic considerations
- Condylography based on of the individual patient case
  - TMJ and Occlusion
  - Adaptation and Compensation
  - Condylography aspects in treatment planning
  - Practical examples and discussion

## GENERAL INFORMATION

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|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host            | Medical University of Vienna & University Clinic of Dentistry Vienna                                                                                                            |
| Organized by    | VieSID® Vienna School of Interdisciplinary Dentistry in cooperation with the Medical University of Vienna                                                                       |
| Lecturers       | Dr. Előd Úry                                                                                                                                                                    |
| Course language | English / with possibility of Russian translation                                                                                                                               |
| Target group    | Dentists                                                                                                                                                                        |
| Certificate     | After successfully passing the tutorial, the participant will get a certificate of VieSID in cooperation with the Medical University & University Clinic of Dentistry of Vienna |
| Venue           | The tutorial will be held at the University Clinic of Dentistry Vienna                                                                                                          |
| REGISTRATION    | 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)

For detailed information please contact:

VieSID® Vienna School of Interdisciplinary Dentistry  
phone: +43(0)664 233 13 32  
e-mail: [info@viesid.com](mailto:info@viesid.com)

[www.viesid.com](http://www.viesid.com)