

Certificate course at university level

Executive Program for Clinical Orthodontics

The new practice-oriented university orthodontic training for dentists and orthodontists

8th of April 2022 – 26th of March 2023

Do you want to learn the latest advanced orthodontic procedures in a practical, certified at university level, understandable manner so that you can immediately and successfully apply them into your own practice?

In addition to excellent technical know-how, more and more emphasis is being placed on skillful business management, as well as team and patient management. This management in combination with technical know-how forms the basis for the success of your practice. We provide you with the tools for this success, both professionally and organizationally.

“Orthodontics from our practice to your practice” offers a seminar series of 10 modules (2-3 day) for beginners and advanced practitioners in which practical knowledge is shared. A logical and common-sense approach for the successful treatment of your orthodontic cases will be presented and thoroughly trained. Extra training is offered for those looking for hands-on experience. In addition, three unique modules are offered for successful practice management.

„Executive Program for Clinical Orthodontics“ includes 10 (2-3-days) weekend modules for beginners and advanced practitioners. Practical knowledge will be taught and trained on cases from participants and cases from Dr. Scherngell’s office.

Modules:

1st module: **First Consultation & Documentation**

Diagnosis, cephalometric analysis, documentation

1st consultation of patients. Students will be able to diagnose all different malocclusions concerning soft tissue, dental & skeletal diagnosis. Diagnosis of phase I (mixed dentition) and phase II case and when is the right time to start an orthodontic case. Students can easily diagnose cephalometric x-rays. Professional documentation and presentation of own orthodontic cases.

2 Days | presence in Vienna | Dr. Robert Scherngell, MSc

2nd module: **Orthodontic tools & material, application and phase clarification**

Orthodontic material, bracket systems, wire progression, phases in orthodontics

Students learn about bracket systems, wires, coils and other orthodontic devices, fixed and removable. Over- and under correction of rotations, deep - and open bite malocclusion, bonding errors and its consequences. They learn about different phases in orthodontics. What needs to be considered before mechanic phase. 2nd consultation and patient education, treatment consent and much more.

2 Days | Online | Dr. Robert Scherngell, MSc

3rd module: **Phase I treatment**

2x4 mechanics, removable devices

Students will be able to diagnose phase I (mixed dentition) cases. When is the best time to start an ortho case? What is the supporting zone and how to treat A-P problems in mixed dentition cases? Understand myofunctional problems, habits and the best way to treat such cases. 2x4 mechanics, utility arch, headgear, lower lingual arch and lip bumper.

2 Days | Online | Dr. Robert Scherngell, MSc

4th module: **Extraction mechanics CI I / II / III**

Face driven orthodontics, sliding & 2-step mechanics, indications & contraindications for extraction

Students will get the skills to diagnose the indication and contraindication of extraction cases, concerning profile, occlusion, skeletal patterns and myofunction. They easily understand, which mechanics should be used to close an extraction space by using different anchorage systems. Extraction and mechanics of central incisors, laterals, cuspids, bicuspid and molars. Participants will be able to treat pre prosthetic ortho patients.

2 Days | Online | Dr. Robert Scherngell, MSc

5th module: **Non extraction mechanics CI I / II / III & Periodontics**

Face driven orthodontics, sliding & 2-step mechanics, indications & contraindications for non-extraction

Students can diagnose the indication and contraindication of non-extraction cases, concerning profile, occlusion, skeletal patterns and myofunction. They easily understand, which mechanics should be used, to close spaces in a controlled way on non-extraction cases. How to change the profile which different mechanics and different anchorage systems.

2 Days | Online | Dr. Robert Scherngell, MSc | Dr. Michael Müller

6th module: **Impacted & displaced teeth, vertical & transversal malocclusions**

Impacted and partial impacted teeth, surgical procedures to expose impacted teeth, deep bite and open bite (skeletal & dental), x-bite therapy

Students learn how to diagnose and retrieve impacted teeth in every possible position. How to prepare the 'path' for an impacted tooth, surgical exposure and different techniques of retrieval. Students diagnose the cause of lateral, anterior open bite and deep bite and different alternatives to treat vertical and transversal problems. Participants will be able to diagnose unilateral and bilateral crossbite.

2 Days | Online | Dr. Robert Scherngell, MSc

7th module: **Orthognathic surgery, cases for advanced practitioners**

Orthognathic surgery on cl I/II/III, vertical, transversal & skeletal asymmetry malocclusions, discussions on advanced cases

Students get the skills to diagnose 'real' orthognathic surgery patients. What is the limit of non-surgery orthodontics and how to achieve best results even without surgery on skeletal malocclusions transversal, A-P and vertical? Discussion of different orthognathic cases from our clinic. Discussion of various 'correct' and 'faulty' diagnosis and/or treatments

2 Days | Online | Dr. Robert Scherngell, MSc | Prim. DDr. Michael Ökher

8th module: **Advanced case studies**

Problem solving for your progress cases, dental & skeletal asymmetry, diagnosis & intensive mechanical training

Students learn how to diagnose and treat different dental and skeletal malocclusions. They learn about the causes of dental asymmetries, midline discrepancies and how to diagnose these cases. Participants show their own current ortho cases. Discussion of advanced cases of different malocclusion from students and cases from our clinic.

2 Days | Online | Dr. Robert Scherngell, MSc

9th module: **Finishing, retention & case discussion**

1st, 2nd & 3rd order bends, details for case finishing, aesthetics, case discussion

Students learn how to finish orthodontic cases in a perfect outcome. Which details must be considered for best function and aesthetics. 1st, 2nd and 3rd order bends. How to do stripping and contouring and handle 'black windows'. Fixed and clear overlay retainers. Case discussion of currents students and own cases from our clinic.

2 Days | Online | Dr. Robert Scherngell, MSc

10th module:

3 days I presence in Marburg (60 miles in the north of Frankfurt a. Main) I

incl. Final Presentation and Certificate Award

10a) **Relationship between Orthodontics and periodontics & how to treat discolored teeth**

Today's Orthodontic is a digital Game, so you need to know which possibilities you must treat and what you need, therefore. Beginning from Scanners to Printers the lecture will tell you the experience of the Speaker in a multiple office MVZ with several Laboratories. Also, we talk about different Aligner Systems, Treatment with Aligners, Lingual Ortho Systems for esthetic Orthodontics and digital Indirect Bonding for classic Braces.

A close dialogue between periodontist and orthodontist can ensure excellent results with long term stability. This course evaluates the efficacy of up-to-date bleaching techniques as well as possible side effects. It consists of theoretical and practical training.

Prof. Dr. Thorsten Auschill, MBA

10b) **The digital office for esthetic orthodontics**

Today's Orthodontic is a digital Game, so you need to know which possibilities you have to treat and what you need, therefore. Beginning from Scanners to Printers the lecture will tell you the experience of the Speaker in a multiple office MVZ with several Laboratories. Also, we talk about different Aligner Systems, Treatment with Aligners, Lingual Ortho Systems for esthetic Orthodontics and digital Indirect Bonding for classic Braces.

There are several IT Structures you can choose; the lecture will give you details to decide for the right one.

Dr. Dr. Thomas Helling

10c) **Business Plan for Orthodontists & Market Orientated Management for Orthodontists & Management in an Orthodontics Office**

In this lecture you will learn how to build a business plan on a theoretical basis. Then you can use this know how in a case study for an orthodontics office within a network of dentists. We discuss some important methods to calculate break even and profitability and you get know how to work with financial planning and liquidity planning. An orthodontics company has to analyze the macro and the microenvironment of his business. After doing a SWOT-analyses you have to create a market strategy which lead to optimal success in the short/mid/long-term future. To reach a (regional or local) market leading position marketing and especially digital communication are very important for customer acquisition and loyalty. What is the best organization mode for an orthodontist practice? And what are critical processes to build up cost efficiency and high satisfaction of patients and patients? You learn in the lecture how to handle the challenges associated with the two questions. Purchasing and administration of materials and equipment are critical for operational success, and we discuss some common procedures to improve the processes. Acquisition, training, feedback and leadership of the employees are tasks for the managing director or – if exist – manager of the office. You will learn how you develop and implement human resource management.

Prof. Dr. Michael Lingenfelder

Practice oriented project work:

Students will work between the seminars in their own clinic. The knowledge acquired in the seminar is applied on ortho patients in the own clinic. In their clinic, the students should start at least 5 cases. Every case they start, the documentation should be as followed: dental photos, profile photos, panorex, cephalometric x-ray packed into a Power Point Presentation. During the seminars, the students will present their cases.

Furthermore: treatment plan with treatment goals, treatment alternatives, treatment limitations. The presentations include start-, progress- and eventually finish records.

Project work criteria

The practical work for the examination will include.

- 1.) Start of minimum 2 cases with records see above
- 2.) 2 theoretical questions are answered successfully

Each student will get 30 minutes per case to present. Average slides: 20-40, depending on the amount of progress records.

Target groups:

- Dentists and orthodontists
- Dental students
- Dental technicians

Course directors:

The course management consists of: Prof. Dr. Michael Lingenfelder, Prof. Dr. Thorsten Ausschill, MBA, Dr. Robert Scherngell, MSc, and Priv. Doz. Dr. Dr. Kaan Yerit.

Lecturers:

Dr. Robert Scherngell, MSc

- since 2013: Lecturer of CS Ortho Seminars
- Lecturer of Progressive Orthodontic Seminars 1998-2006
- Hongkong, Sydney, Melbourne, Buenos Aires, New York and European Countries
- 2 orthodontic clinics in Vienna and Tulln

Priv. Doz. DrDr. Kaan Yerit

- since 2005: 2 dental- surgical clinics in Vienna
- from 2004-2011 head of dental clinics of VAEB, St. Pölten
- 2006: Habilitation in maxillofacial surgery at the medical University of Vienna

Dr. Michael Müller

- Senior physician at the dental department of the University of Vienna and Dental Clinic, Josefstadt
- Vice president of the Austrian Society of Periodontics

Prim. DrDr. Michael Ökher

- Head of department of maxillofacial surgery and adolescent dentistry, clinic Donaustadt – Vienna

Sanford L. Ratner, DDS

- Los Angeles, USA, since over 30 years a well-known maxillofacial surgeon: orthognathic surgery; TMJ surgery; TMJ pathology; reconstructive TMJ surgery
- Guest lecturer at different American and Asia Universities

Univ.-Prof. Dr. Michael Lingenfelder

- Founder (1997) and head of research center of small and medium sized companies and of Institute of Health Care Management at Philipps-University Marburg, Marburg
- Professor at General Business Administration, Marketing and Retailing at Philipps-University Marburg, Marburg
- Member in several unions and initiatives (f.e. Global Educators Network for Health Care Innovation Education (Management Department, Faculty of Business Administration, Harvard University); member of the jury of Marketing Hall of Fame der AMA New York (USA))

Prof. Dr. Thorsten M. Auschill, MBA

- since 2014: Professor of Parodontology at the Philipps-University Marburg, Marburg
- 2014: Apl-Professor at Philipps-University Marburg, Marburg
- 2012-2014 Professor for preventive and minimally invasive odontology and parodontology at the Praxishochschule Köln

Dr.Dr. Thomas Helling

- since 2021: Lecturer at the University Hohenheim/Stuttgart in the field of biochemistry of nutrition
- 2021: Formation of MVZ DentaPlus GmbH, which is located in Freiburg(2x), Freiamt, Hausach, Wolfach, Bad Krozingen, Lahr
- 2018: Formation of Dental Spa GmbH and development of SmileGreen, an ecological aligner system.

FACTS & FIGURES:

- 10 modules (2-3 days)
- Start module live in Vienna
- Final module live at the dental department of Philipps-University Marburg, Marburg
- 8 modules online, Friday and Saturday
- Certificate of the Health Care Management Institute (HCM), Philipps-University Marburg, Marburg

Registration is only possible via the following link:
[CS Orthoseminars](#)



DIPLOMA OF ADVANCED ORTHODONTICS

including 30 ECTS points

- Knowledge verification through written tests e.g.: Multiple Choice test, cases studies and discussions during the live seminars
- Duration: 2 Semesters
- Costs:
Course costs € 5.900, -- + € 1.000, -- examination- and administrative expenses per semester (no VAT)
- Further training option to the “Master of Business Administration “(MBA) with focus on management of dental practices and clinics
- The MBA is the world’s most prestigious academic degree in professional career