ADVANCED DENTAL
EDUCATION ATHENS
PERIO-PROSTHETIC EXCELLENCE

1 YEAR CLINICAL MASTERS PROGRAM **IN CONTEMPORARY PROSTHODONTICS**

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Module 1 (Athens) 9-12 June 2027
Module 2 (Athens) 8-11 July 2027
Module 3 (Athens) 30 September - 3 October 2027
Module 4 (Munich) 12-13 November 2027

9th YEAR


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Teamwork
is a way that
allows common
people to achieve
uncommon results.

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Module 1

Contemporary Prosthodontics: Occlusion, Digital Workflow, TMJ & Full Mouth Rehabilitation

Instructors:

Ilia Roussou,
Stavros Pelekanos,
Florin Cofar,
Lukas Lassmann

Athens

9-12 June 2027

DAY 1

HOURS	
08:40-09:00	Registration and brief Introduction
09:00-10:30	I.R. Treatment position according to the prosthetic space. Occlusal registration
10:30-11:00	Coffee and chat
11:00-12:30	I.R. Altering the VDO according to the prosthetic space. The use of anterior deprogrammer and occlusal splints. Full mouth rehabilitations. Diagnosis and treatment sequence.
12:30-13:30	Lunch break
13:30-15:00	S.P. Initial impression. Analog and digital workflow. CR registration using anterior deprogrammer and bimanual manipulation (Lucia jig, Kois deprogrammer). **Live Demo**
15:00-15:30	Brain refresh, coffee and chat
15:30-17:00	S.P. **Practical Part (hands on).** Anterior deprogrammer, stabilization appliance.

DAY 2

HOURS	
08:40-09:00	Coffee and chat
09:00-10:30	F.C. Esthetic and functional fundamentals. 2D - 3D - 4D process of design.
10:30-11:00	Coffee and chat
11:00-12:30	F.C. Inconsistencies in the design steps. From mock-up to final restorations. Addressing emergence profiles and models.
12:30-13:30	Lunch break
13:30-15:00	F.C. Managing errors in occlusion and guided procedures. Bottlenecks. Overcoming dark substrates and reductive scenarios.
15:00-15:30	Brain refresh, coffee and chat
15:30-17:30	F.C. Mindset and tools for consistency and predictability. Initial impression. Analog and digital workflow. CR registration using anterior deprogrammer.

HOURS

DAY 3

08:40-09:00 | Coffee and chat

09:00 - 10:45

L.L.

Understanding Orofacial Pain & TMJ what prosthodontist should know

- What is pain?
- How can a dentist correctly diagnose orofacial pain and assess whether it is treatable?
- How does the source of pain differ from the location of pain?
- How to conduct an interview with a patient suffering from pain.
- Disc pathology - how to differentiate it and when intervention is necessary.
- How to distinguish between locks of muscle and articular origin.
- Synovial pain map of the temporomandibular joint.
- Radiological picture of disorders of the temporomandibular joint.

10:45 - 11:00 | Coffee and chat

11:00 -12:00

L.L.

Examination of muscles, joints.

12:00 – 13:30

L.L.

SDS Concept

- What is SDS Concept?
- Management of TMJ Space.
- Controversies regarding centric relation from the perspective of diagnosis and therapy.
- Minimal required space for ceramic restoration.
- Smile Design.
- How to start treatment planning in severe tooth wear?
- Leaf gauge vs digital axiography.
- 18mm rule in severe tooth wear.
- Simple way to determine and register exact vertical occlusal dimension in the mouth.

13:30 - 14:30 | Lunch break

14:30 - 16:30

L.L.

BITE REGISTRATION - MAKE IT EASY

- Leaf gauge - What is it? When / should I use it? When not to use it?
- Tips & tricks of how to use leaf gauge.
- Demonstration of working with the leaf gauge.

Leaf gauge workshop

13:30 - 14:30

L.L.

Discussion.

HOURS

DAY 4

08:40-09:00 | Coffee and chat

09:00-10:30

L.L.

Vertical Occlusal Dimension mythology and severe attrition treatment.

- Vertical occlusal dimension - what are the limitations ? Should we be „that" precise?
- 5 red flags when increasing VDO
- Bite registration in severe wear cases
- Severe tooth wear cases
- What is the ferule effect and which part of the tooth is the most important?
- Biomechanics of damaged teeth
- What type of crown-root post to choose? Standard, fiberglass or cast post?
- Shoulderless preparation. Why ? How ? When ?

10:30 - 11:00 | Coffee and chat

11:00 - 12:30

L.L.

Occlusal Philosophies in Search of a Common Denominator

- How has the approach of occlusal philosophies changed in terms of tooth guidance and its impact on bruxism TMD (Temporomandibular Disorders)?
- The impact of improper occlusion on TMD- correlation or causative relationship?
- Is the use of fully adjustable articulators and a facebow really necessary to achieve properprosthetic reconstruction?
- In search of a common denominator between different occlusion philosophies.
- What are the limitations of articulators, and can we truly design prosthetic reconstruction that never require adjustment in occlusion?

12:30 - 13:30 | Lunch break

13:30 - 15:00

L.L.

How to get a perfect bite for our patient?

- What is equilibration? When do we use it and when is it not allowed to do so? P1, P2, P3
- Differences between equilibration in MIP and in CR.
- Electronic bite analyzers - T-scan and OccluSense
- When to perform equilibration and when to increase the occlusal vertical dimension?
- Equilibration of interference during chewing.

15:00 - 15:30 | Brain refresh, coffee and chat

15:30 - 17:00

L.L.

Algorithms and decision tree for full mouth reconstruction.

- When not to change the existing bite?
- When should we choose a tool to make bite repeatable and easy to register? Which tool should we choose?
- Step by stem journey throughout all the appointments and FMR algorithm.

Video: step-by-step procedures from the first visit to cementation.

Module 2

Prosthodontics on implants (from single to full mouth rehabilitation)

Instructors:

I. Sailer
F. Mintrone
V. Fehmer
S. Pelekanos
G. Vergoulis

Athens | 8-11 July 2027

HOURS	DAY 1
08:40-09:00	Registration and brief Introduction
09:00-10:30	S.P. Treatment planning for single implants in the esthetic zone. Abutment design, selection (customized vs. prefabricated abutments, screw- vs. cement-retained) and treatment sequence.
10:30-11:00	Coffee and chat
11:00-12:30	S.P. How to perform immediate loading and provisionalization. The digital incorporation in contemporary implant prosthodontics.
12:30-13:30	Lunch break
13:30-15:00	G.V. Concept of treatment: Supracrestal implant complex- from implant position to prosthetic design.
15:00-15:30	Brain refresh, coffee and chat
15:30-17:30	S.P. | G.V. Immediate loading and provisionalization, customization of the emergence profile and cervico **(hands on)**.

HOURS	DAY 2
08:40-09:00	Coffee and chat
09:00-10:30	S.P. Treatment plan with implants in edentulous cases with different treatment modalities (fixed vs removable vs “retrievable”). Selecting the appropriate attachment and/or bar design for overdentures. Pink esthetics and how this need affect the treatment planning. (Part I)
10:30-11:00	Coffee and chat
11:00-13:00	S.P. Treatment plan with implants in edentulous cases with different treatment modalities (fixed vs removable vs “retrievable”). Selecting the appropriate attachment and/or bar design for overdentures. Pink esthetics and how this need affect the treatment planning. (Part II)
13:00 - 14:00	Lunch break
14:00 - 15:30	S.P. Full mouth implant reconstructions FP1 TO FP3 **(live demo)**.
15:30 - 16:00	Brain refresh, coffee and chat
16:00 - 17:30	S.P. Creating the digital patient (face hunter, plane analyzer).

DAY 3

HOURS	
08:40-09:00	Coffee and chat
09:00-10:30	**F.M.** Esthetic and functional analysis as base in prosthodontics. Facebow vs natural head position. Ideal orientation of the occlusal plain in prosthodontics.
10:30-11:00	Coffee and chat
11:00-12:30	**F.M.** Traditional vs Digital: when and why choose the digital path. Intraoral scanning: scanning protocol and precision. The digital patient concept.
12:30-13:30	Lunch break
13:30-15:00	**F.M.** From the single tooth to the full mouth rehab. From the first to the last generation of Zirconia: an evolving material. Cementation matter of our digital materials.
15:00-15:30	Brain refresh, coffee and chat
15:30-17:30	**F.M.** Digital patient concept **(live demo)**.

DAY 4

HOURS	
08:40-09:00	Coffee and chat
09:00-10:30	**I.S. | V.F.** Advances in Implant dentistry for your daily practice -conventional and digital diagnostics (part 1) - how to cement a monolithic crown to a Ti-base
10:30-11:00	Coffee and chat
11:00 - 13:00	**I.S. | V.F.** Advances in Implant dentistry for your daily practice -conventional and digital diagnostics (part 2) - restorative options, their possibilities and limitations
13:00 - 14:00	Lunch break
14:00 - 15:00	**I.S. | V.F.** Advances in Implant dentistry for your daily practice -conventional and digital diagnostics (part 2)
15:00-15:30	Brain refresh, coffee and chat
15:30-17:30	**I.S. | V.F.** Treatment Planning Session.

Module 3

Instructors:

S. Pelekanos
N. Mykhaylyuk
Y. Liaropoulou
A. Tinti
S. Koutayas

Athens

30 September-3 October 2027

HOURS — DAY 1

08:40-09:00 | Coffee and chat

09:00 - 10:00
Y.L. | A.T.
Prosthodontic Principles
- Indications for full-coverage crowns
- Tooth preparation protocol
- Selection of the finish line

10:00 - 11:00
Y.L. | A.T.
BOPT (Biologically Oriented Preparation Technique)
- Case selection and treatment planning
- Vertical preparation technique
- Biological and periodontal principles

11:00 - 11:30 | Coffee break

11:30 – 13:00
Y.L. | A.T.
Provisional Restoration
- Selection of the appropriate provisional restoration
- Provisional relining technique
- Final impression: Conventional vs Digital workflow

13:00 - 14:00 | Lunch break

14:00 - 17:30
Y.L. | A.T.
Hands-on Session
Tooth with a Previous Horizontal Finish Line:
- Core build-up
- Removal of the existing horizontal finish line
- BOPT preparation technique
- Provisional restoration relining

Natural Tooth without a Previous Finish Line:
- BOPT preparation technique
- Step-by-step clinical protocol
- Provisional restoration relining

HOURS — DAY 2

08:40-09:00 | Coffee and chat

09:00 - 10:30
N.M.
Lecture:
- Analogue vs. Digital workflow
- Comprehensive treatment planning

10:30 - 11:00 | Coffee break

11:00 -12:30
N.M.
Lecture:
- Digital revolution: Benefits of new technologies
- Photo studio workflow
- Facial scanning
- 3D smile design

12:30 - 13:30 | Lunch break

13:30 - 15:00
N.M.
Lecture:
- 4D occlusal functional analysis
- Choice of materials
- Features and clinical advantages
- Differences between materials
- Benefits of using lasers in dentistry

15:00 - 15:30 | Brain refresh, coffee and chat

15:30 - 17:30
N.M.
Lecture:
- Digital lab workflow
- Isolation and bonding
- Full Mouth Reconstruction Protocol from A to Z

HOURS DAY 3

Focus: Preparation, provisional fabrication, isolation, and bonding of veneers and onlays

08:40-09:00	Coffee and chat
09:00 - 10:00	N.M. **Lecture:** · Principles of preparation for veneers and onlays · Preparation set for veneers
10:30 - 11:00	Coffee and chat
11:00 - 13:00	N.M. **Demonstration:** · Preparation for 3 types of ceramic veneers · Final scanning · Fabrication of provisionals
13:00 - 14:00	Lunch break
14:00 - 15:30	N.M. **Hands-on session:** · Preparation for 3 types of ceramic veneers · Final scanning · Fabrication of provisionals
15:00 - 15:30	Brain refresh, coffee and chat
15:30 - 17:30	N.M. **Hands-on session:** · Preparation for 3 types of ceramic veneers · Final scanning · Fabrication of provisionals

HOURS DAY 4

08:40-09:00	Registration and brief Introduction
09:00 - 10:30	S.P. Ceramic materials - cementation procedure theory.
10:30 - 11:00	Coffee break
11:00-12:30	S.K. Implant Alternatives in the Esthetic Zone
12:30 - 13:30	Lunch break
13:30 - 15:00	S.K. **Endodontic treated teeth in Prosthetic Dentistry** Influencing factors during the restoration of endodontically treated teeth (biological, anatomical, biomechanical, esthetic) Evidence based endo-perio-restorative-prosthetic protocols: from no post to post and cores restorations Restorative material selection and bonding procedures Clinical survival of endodontically treated teeth
15:00 - 15:30	Brain refresh, coffee and chat
15:30 - 17:30	S.K. **Hands on** Fiber post build up of structurally compromised endodontically treated teeth.

Module 4

Instructors:

Prof. Dr. D. Edelhoff and Team | Munich | 12-13 November 2027

DAY 1

HOURS	
13:00-13:15	**Prof. Dr. D. Edelhoff** Welcome and reception of the participants.
13:15-15:00	**Prof. Dr. D. Edelhoff Auditorium Room B1.01** Theoretical Part 1 Essentials. Biomechanics, etiology of "Worn Dentition", diagnostics, esthetic and functional analysis. Digital tools in Communication for Teamwork Dentist-Lab technician, treatment planning, Waxup, Mock-up. New options in Esthetic and Functional „Test-drive" with the Munich Splint Concept, material selection including new CAD/CAM-materials.
15:00-15:15	Coffee break | Room B1.01
15:15-17:15	**Prof. Dr. D. Edelhoff Auditorium Room B1.01** Theoretical Part 2 Single tooth restorations. Veneers, onlays, CAD/CAM-fabricated Zirconia based cantilevered resin bonded FDPs (CRBFDP). Preparation, Munich Splint Concept: Simplified procedures in complex rehabilitations, step-by-step case demonstrations
17:15-17:30	Coffee break | Room B1.01
17:30-19:00	**Room B3.02** Demonstrations of CAD/CAM. Materials and CAD/CAM systems including Munich Splints LMU – Team 3 level

DAY 2

HOURS	
09:00 - 09:15	**Room B1.01** Presentation of time schedule and content.
09:15 - 10:45	**Room CU1.60** Practical Part I. Munich Concepts preparation of different veneer-types & CRBFDP on simulating units.
10:45 -11:00	Coffee break | Room B1.01
11:00 - 12:00	**Room CU1.60** Practical Part II. Munich Concepts preparation of occlusal onlays with new Prep-sets on simulating units. Prof. Dr. D. Edelhoff and Team Simulating units UG.
12:00 - 13:00	Lunch break | Restaurant Sinans
13:00 - 14:30	**Room CU1.60** Practical Part III. Munich Concepts demonstration of intraoral scanners. Prof. Dr. D. Edelhoff and Team Simulating units fabrication of temporaries on simulating units and Models UG.
14:30 - 14:45	Coffee and chat | Room B1.01
14:45 - 16:15	**Room CU1.60** Practical Part IV. Munich Concepts adhesive placement on simulating units and Models. Prof. Dr. D. Edelhoff and Team Simulating units UG.
16:15 -16:30	**Room B1.01** Conclusion and final discussion. Prof. Dr. D. Edelhoff

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