Theoretical-Practical Postgraduate

2 years

Advanced Multidisciplinary Orthodontics

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philosophy
Advanced Multidisciplinar Orthodontics
Theoretical-Practical Postgraduate Program

director
Dr. Domingo Martín (Orthodontist, Spain)

speakers
Dr. Claudia Aichinger (Orthodontist, Austria)
Dr. Alberto Canábez (Orthodontist, Spain)
Dr. Renato Cocconi (Orthodontist, Italy)
Dr. Iñigo Gómez Bollain (Orthodontist, Spain)
Dr. Domingo Martín (Orthodontist, Spain)
Dr. Eugenio Martins (Orthodontist, Portugal)

Dr. Guillermo Ochoa (Orthodontist, Argentina)
Dr. Mª Jesús Provedo (Prosthodontist, Spain)
Dr. Mirco Raffaini (Maxillofacial Surgeon, Italy)
Dr. Iñigo Sada (Periodontist, Spain)
Mr. Ricardo Martins (Laboratory technician, Portugal)
Mr. Germán Vincent (Laboratory technician, Spain)

language
English

venue
The course will be celebrated in Spain

Osteoplac Teaching Center
Pº Urumea 3, bajo
20014 San Sebastián (Spain)

Technical secretariat
Dr. Claudia Aichinger (Orthodontist, Austria)

- Medical School. University of Innsbruck (Austria)
- Dental School. University of Innsbruck (Austria)
- The Andrews Foundation for Orthodontic Education & Research, San Diego, 2-year Orthodontic Training Course (USA)
- Diploma. Roth/Williams Center for Functional Occlusion
- Private practice in Vienna (Austria)

Dr. Alberto Canábez (Orthodontist, Spain)

- Dental Degree. University of Uruguay (South America)
- Director of the U.D.C.A. Odontology Unit
- Postgraduate Bioesthetic Dentistry. OBI
- Orthodontics and Orthognathic Surgery Postgraduate. Dr. Quevedo Rojas, Osteoplac
- Diploma. Roth/Williams Center for Functional Occlusion
- Private practice limited to orthodontics in Barcelona (Spain)

Dr. Renato Cocconi (Orthodontist, Italy)

- Bachelor of Medicine and Surgery from the University of Milan (Italy)
- Dental Degree. University of Milan (Italy)
- Master in Orthodontics. University of Milan (Italy)
- Diploma. Roth/Williams Center for Functional Occlusion
- Professor in the Department of Orthodontics at the University of Milan (Italy)
- Private practice in Parma (Italy)

Dr. Iñigo Gómez Bollain (Orthodontist, Spain)

- Dental Degree. University of Bilbao (Spain)
- Master in Orthodontics. Universidad Complutense de Madrid (Spain)
- Diploma in Orthodontics. San Rafael Hospital. Madrid (Spain)
- Diploma. Roth/Williams Center for Functional Occlusion
- Private practice limited to orthodontics in Bilbao (Spain)
Dr. Domingo Martín (Orthodontist, Spain)

- B.A. University of Southern California (USA)
- M.D. and D.D.S. University of Bilbao (Spain)
- Master in Orthodontics. University of Valencia (Spain)
- Diploma. Roth/Williams Center for Functional Occlusion
- Postgraduate Bioesthetic Dentistry. OBI
- Dr. Domingo Martín gives courses and conferences all over the world
- Private practice limited to orthodontics in San Sebastián (Spain)

Dr. Eugenio Martins (Orthodontist, Portugal)

- Dental Degree. University of Porto (Portugal)
- Specialist in Orthodontics by OMD (Portugal)
- Postgraduate and Masters in Orthodontics from the University of Porto (Portugal)
- Diploma. Roth/Williams Center for Functional Occlusion
- Visiting Professor of the University of Porto
- Private practice limited to orthodontics in Vila Real and Mirandela (Portugal)

Dr. Guillermo Ochoa (Orthodontist, Argentina)

- Dental Degree. National University of Cordoba (Argentina)
- Orthodontist. National University of Buenos Aires (Argentina)
- Diploma in Craniomandibular, Craniovertebral and Facial Pain Dysfunctions. National University Andrés Bello (Chile)
- Diploma. Roth/Williams Center for Functional Occlusion
- Director of the A.T.R.A. Research and Development Laboratory Center for TMJ Research

Dr. María Jesús Provedo (Prosthodontist, Spain)

- Dental Degree. University of the Basque Country (Spain)
- Bioesthetic Dentistry. Levels I, II and III (OBI. Fundation for Bioesthetic Dentistry)
- Update in Conservative Dentistry. Complutense University of Madrid (Spain)
- Private practice in Navarra (Spain)
Dr. Mirco Raffaini (Maxillofacial Surgeon, Italy)

- M.D. and D.D.S. Specialty Training. University of Parma (Italy)
- MD. Advanced clerkships in General Surgery. University-Hospital of Parma (Italy)
- Ph.D. Residency in MaxilloFacial Surgery. University of Parma (Italy)
- Master Maxillo-Facial Surgery. University-Hospital DIEU, Nantes (France)
- MD. in Master in Plastic Surgery. University of Nancy (France)
- MD. Advanced clerkships in Plastic Surgery. University of Milan (Italy)
- Associate Professor of Maxillo-Facial Surgery. University of Florence (Italy)
- Author of numerous scientific publications and books
- Private practice. Director and Founder FACE SURGERY CENTER. Parma (Italy)

Dr. Iñigo Sada (Periodontist, Spain)

- Dental Degree. University of Bilbao (Spain)
- Specialist in Oral Implantology. University of Bilbao (Spain)
- Certificate in Periodontics from the University of Texas, Houston (USA)
- Associate professor of the Oral Implantology Graduate. University of Bilbao (Spain)
- Doctorate in Dentistry. University of Bilbao

Mr. Ricardo Martins (Laboratory technician, Portugal)

- Laboratory technician, specialist in Dental Prosthesis
- Participation as collaborator during the postgraduate course in Orthodontics and Dentofacial Orthopedics at IIMDS (International Institute Of Medical & Dental Science), Lisbon (Portugal)
- Private practice in Madrident - Laboratório Ortodontia/Maxilofacial, Lisbon (Portugal)

Mr. Germán Vincent (Laboratory technician, Spain)

- Laboratory technician, specialist in Dental Prosthesis
- Usual collaborator with Oral and Maxillofacial Hospital services in Spain
- Collaborator in numerous courses on Orthognathic Surgery of Osteoplac and Formedika
- Exclusive focus in maxillofacial products and equipment. Vincent Dental, Maxillofacial Laboratory
1st session

Introduction to the FACE Treatment Philosophy
Diagnostic Tools for a more Comprehensive Diagnosis

- Introduction to the FACE-RW Philosophy
- Concepts of Functional Occlusion: Andrews Six Keys to Occlusion
- Semiadjustable articulators in orthodontics: introduction and importance
- Wax Bites: centric occlusion and centric relation (power centric)
- Facebow: instructions of using facebow
- Theory and practice of CPI
- Introduction to Dolphin: CO/CR Conversion and VTO Clinical Application
- The importance of good impressions and how to do take them
- **Clinical Practice:**
  - Clinical demonstration in taking wax bites: clinical practice in taking wax bites
  - Clinical demonstration of the facebow: clinical practice of the facebow
  - Clinical demonstration of the articulator mounting: clinical practice of articulator mounting (every doctor mounts his case)
  - Clinical demonstration of CPI: clinical practice of CPI
  - Occlusal Diagnosis and interpretation of the CPI readings of the mounted models, occlusal analysis of the mountings and interpretation of the CPI readings of the mounted models
- Students will have Dolphin software installed in their laptops for the length of the course
- The use of Dolphin in everyday practice: clinical demonstration of Dolphin and clinical practice of VTO and CO/CR conversion
2nd session

Introduction to TMJ

- TMJ: anatomy, histology, physiology and physiopathology
- Clinical Diagnosis of the Temporomandibular Joint
- Map of pain: theory and practice
- TMJ and Craniofacial Pain: diagnosis and interpretation
- Roth Jarabak Cephalometric analysis as related to TMD
- Joint Sounds: interpretation
- Importance of vertical control and Physiotherapy in TMD treatment
- Evaluation and interpretation of clinical cases
- SWA and bracket placement
- **Clinical Practice:**
  - Practice on Typodonts: brackets placement
- Splints will be fabricated for each student by a technician for the next session

3rd session

Introduction to Splints: Indications and Uses

Diagnosis and treatment planning of unstable cases in patients with TMD

- Splints: 3 piece splint, distraction splint and anterior splint. Indications and use
- Importance of stable condylar position in relation to TMJ
- Adjustment of splints: Dawson manipulation and shims technique
- Radiographic diagnosis of the TMJ. Conoe beam and MRI images
- Arc of closure: diagnosis of the vertical dimension: Kennedy Cuts
- Introduction to the Axiograph
- How to measure the vertical dimension on the models: The Erickson tool
- **Clinical Practice:**
  - Clinical demonstration of splint fabrication
  - Clinical demonstration and clinical practice of splint adjustment
  - Clinical demonstration Kennedy Cuts: students will present cases for diagnosis
  - Intro to Axiograph Recordin
- Splints will be fabricated for each student
4th session

**Treatment Mechanics**

- Treatment Mechanics in the permanent dentition
- Closing Mechanics with DKL 19x25...21x25
- Treatment Protocols
- Anchorage: concepts and management
- The use of Transpalatal Bars: concept, theory and practice
- Concept of Vertical Control
- Treatment Sequence and Wire Sequence
- Use of Skeletal Anchorage: Mini Implants and Mini Plates
- **Clinical Practice**: students will present cases for diagnosis

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5th session

**Interdisciplinary Treatment: the importance of teamwork**

- Introduction to Interdisciplinary Treatment: the importance of teamwork
- Adult Orthodontics
- Occlusal Trauma: concepts and importance in diagnosis and treatment planning
- Orthodontics and Periodontics
- The Importance of the Periodontal Report
- Periodontal Orthodontics
- Orthodontics and Prosthodontics
- The Importance of the Diagnostic Set-Up
- Implants and Orthodontics: Implant Site Development
- Orthodontics and Esthetic Dentistry
- Corticotomies: concepts and Indications
- **Clinical Practice**: students will present cases for diagnosis
- Clinical demonstration of a diagnostic set-up
6th session

Bioesthetics

- Introduction to Bioesthetics
- Biological Model
- The MAGO: concepts
- Introduction to Negative Coronaplasty
- Introduction to Positive Coronaplasty
- The Role of the Technician in Bioesthetics
- The Importance of Waxing
- The Importance of the Orthodontist in Bioesthetics: clinical Implications
- Presentation of Bioesthetic Cases
- Clinical Practice:
  - Clinical demonstration of negative and positive coronaplasty
  - Clinical practice of negative and positive coronaplasty
  - Clinical demonstration of wax up
  - Students will present cases for diagnosis

7th session

Mixed Dentition

- Mixed Dentition: Concepts and Management
- Strategy of Mixed Dentition Treatment
- Management of the Transverse Dimension: expansion
- Treatment Protocols in Mixed Dentition
- Importance of 1st phase of Treatment
- Treatment Mechanics in 1st Phase Treatment
- Extractions in Mixed Dentition: concept of serial extractions and enucleations
- Early Treatment of Class II Vertical Patients
- Class III: Treatment Possibilities: when and what to do
- Concept of Decoronation
- Presentation of Mixed Dentiton Cases
- Clinical Practice:
  - Students will present cases for diagnosis
Orthognathic Surgery

- Introduction to Orthognathic Surgery
- VTO/STO Pre Orthodontics - Pre Surgical
- Pre - Surgical Orthodontics
- Surgical STO Theory and Practice
- Arnett 7 Step Surgical Procedure
- Surgical Techniques
- Nasolabial Unit and its Importance in Surgical Planning
- Post Surgical Orthodontics
- Management of Post Surgical Patient
- Model Surgery
- Presentation of Surgical Cases

San Sebastián, Spain
Requirements to attende the course:

- Dentistry degree (please attach certificate)

Registration:

Doctors interested in this course MUST COMPLETE ONLINE REGISTRATION FORM IN THE FOLLOWING LINK:
www.faceorthodonticscourses.com

Please note:

Students are asked to bring to the 1st session:
- Semiajustable articulator (preferably Panadent or SAM)
- A Rx headfilm, a laptop and impressions of their own mouths