

Hybrid Professional Master's Degree Orthodontics and Dentofacial Orthopedics





Hybrid Professional Master's Degree Orthodontics and Dentofacial Orthopedics

Course Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months.

Certificate: TECH Technological University

Teaching Hours: 1,500 + 120 hours.

Website: www.techtute.com/us/dentistry/hybrid-professional-master-degree/hybrid-professional-master-degree-orthodontics-dentofacial-orthopedics

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Skills

p. 14

04

Course Management

p. 20

05

Educational Plan

p. 30

06

Clinical Internship

p. 40

07

Where Can I Do the Clinical
Internship?

p. 50

08

Methodology

p. 54

09

Certificate

p. 62

01

Introduction

Orthodontics is a specialty of dentistry that seeks to improve the teeth growth and development by correcting maxillary, bite or mandible problems. In general, it uses different devices to reverse anomalies, making patient mouths' appearance improve. That is why professionals in this field must always be in constant training to be familiar with the new scenarios being developed in the field. With this program, students will not only be able to test their theoretical knowledge, but will also do completely practical internship to take what they have learned to the field.





“

Diagnose, describe, classify and plan the treatment of malocclusions while being able to distinguish between skeletal and dental problems”

Orthodontics has become a branch of dentistry that studies, prevents and corrects developmental alterations, jaw position and dental arch shape, in order to create a morphological and functional balance in the mouth and face. There are different treatments available to pursue occlusal normalization, or the displacement of the whole dental set.

Although these techniques are currently used for aesthetic purposes, the ultimate goal of this specialty is to provide patients with normal teeth. This means that the final result will depend to a great extent on the normal and expected growth of patients' teeth. This makes orthodontics a unique field that needs to be adapted to the needs of different people.

All of the above lays the foundation for developing this program, as current demand is increasing on a yearly basis. From a theoretical and practical perspective, students will be able to identify the alterations that require treatment, as well as the ideal age to address each type, for which they will have to identify the specific therapeutic objectives of each treatment.

In the first part of this Hybrid Professional Master's Degree, the theoretical concepts presented will help students understand the care protocols for the different deformities and principles involved in the physiological rebound of malocclusion recurrence. Then, in the practical part, students will go to a specialized center to work in a real environment with patients requiring orthodontic treatment. To do this, students will begin by performing a series of activities that involve data capture for clinical histories and elaborating treatment plans adapted to the needs of each patient.

This **Hybrid Professional Master's Degree in Orthodontics and Dentofacial Orthopedics** contains the most complete and up-to-date program on the market. The most important features include:

- ♦ More than 100 clinical cases presented by dental professionals, experts in Orthodontics and Dentofacial Orthopedics and university professors with extensive experience
- ♦ The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ The latest developments in Endodontics and Apical Microsurgery
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Emphasis on innovative methodologies in Orthodontics and Dentofacial Orthopedics
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection
- ♦ All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Furthermore, you will be able to carry out a clinical internship in one of the best centers in the country

“

Know how to perform the clinical and laboratory procedures for the design, manufacture, fitting and clinical control of prostheses and appliances used in orthodontics and dentofacial orthopedics”

This Hybrid Professional Master's Degree program is aimed at dental professionals who wish to develop their Skills in Orthodontics and Dentofacial Orthopedics. The content is based on the latest scientific evidence and is organized in a didactic way to integrate theoretical knowledge into dentistry practice. The theoretical-practical elements allow professionals to update their knowledge and help them to make the right decisions in patient care.

Thanks to the multimedia content, developed with the latest educational technology, dental professionals will benefit from situated and contextual learning, i.e., a simulated environment that will provide immersive learning programmed to train in real situations. This program is designed around Problem-Based Learning, whereby the physician must try to solve the different professional practice situations that arise during the course. For this purpose, the student will be assisted by an innovative, interactive video system created by renowned and experienced experts.

With this Hybrid Professional Master's Degree, you will be trained in a controlled environment that will prepare you to face new work challenges.

It is time to give a new turn to your career, taking a program that gives you the best of theory and practice.

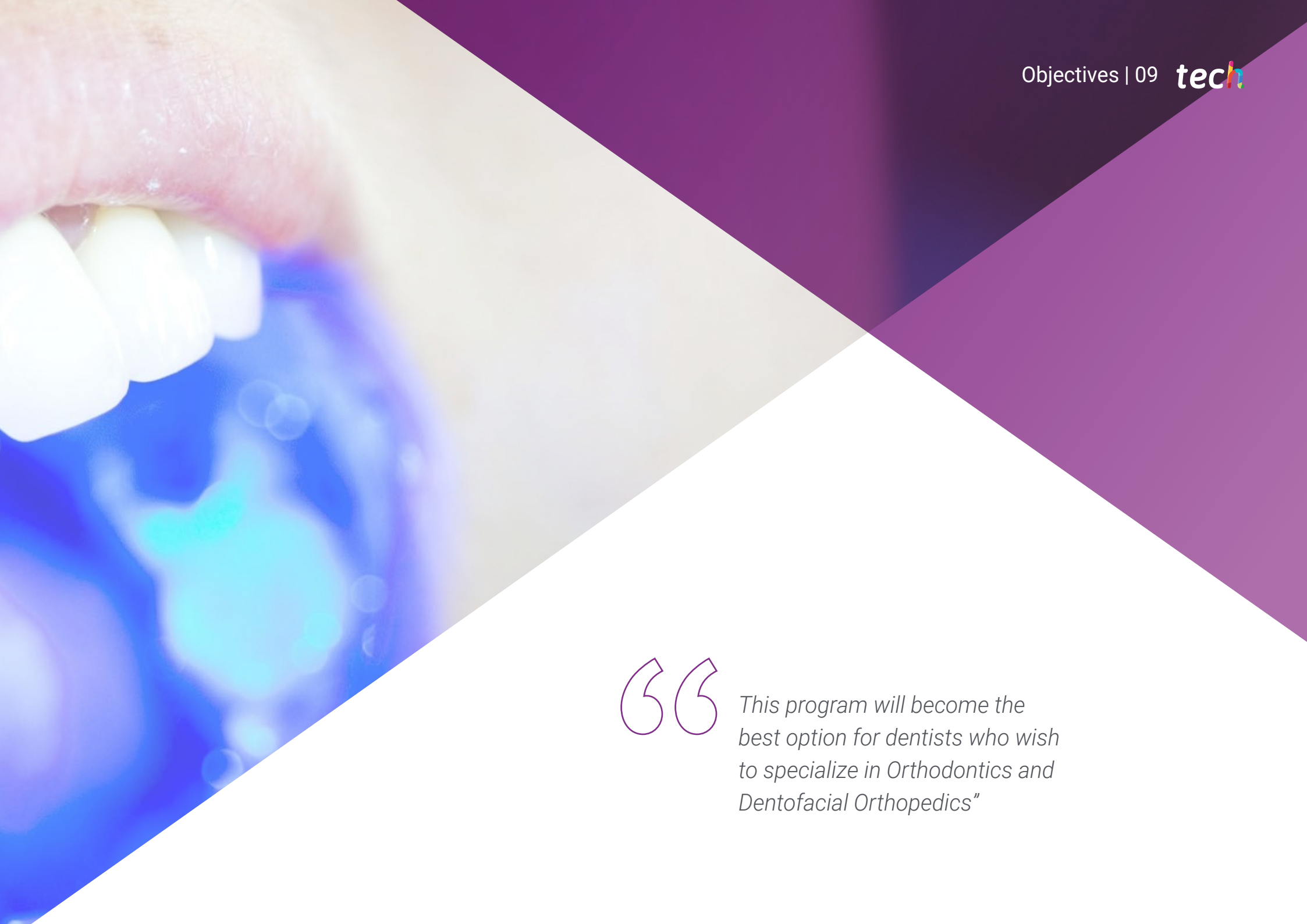


02

Objectives

With the hybrid program focused on Orthodontics and Dentofacial Orthopedics, students will be able to learn firsthand the processes and procedures they need to best perform in daily practice. To this end, a series of objectives have been established to prepare them to face the new scenarios in this specialty.





“

This program will become the best option for dentists who wish to specialize in Orthodontics and Dentofacial Orthopedics”



General Objectives

- Update the theoretical and practical knowledge in the different areas of Orthodontics and Dentofacial Orthopedics based on evidence
- Know how to apply acquired knowledge and problem-solving skills in new or unfamiliar environments with a multidisciplinary approach within broader contexts related to Health Sciences
- Transmit learning skills to students that will allow them to continue their specialization in an autonomous and self-directed manner, developing habits of excellence and quality in professional practice
- Ability to integrate knowledge and face the complexity of making judgments, while reflecting on the social and ethical responsibilities linked to the application of their knowledge and judgments
- Encourage the acquisition of technical skills and abilities through a powerful audiovisual system, and the possibility of using online simulation workshops and/or specific preparation.
- Encourage professional stimulation through continuous education and research





Specific Objectives

Module 1. Initial Diagnosis

- ◆ Consolidate structural and radiological anatomical knowledge, as well as the practical considerations that students should apply in the diagnosis, prognosis and therapeutic planning of orthodontic patients and those requiring dentofacial orthopedics
- ◆ Prepare students in the field of Diagnostic Imaging, especially in the area of dentistry To do so, students should become familiar with the various imaging techniques available, along with their indications and limitations

Module 2. Advanced Diagnosis

- ◆ Students will learn about oral, intraoral and extraoral radiology, with special emphasis on lateral and frontal telerradiography of the skull
- ◆ Receive training on other techniques such as simple radiology, ultrasound, CT, CBCT and MRI of the human body and especially of the cervico-facial area
- ◆ Early diagnosis of patients at risk, including current techniques

Module 3. Malocclusions and Dentofacial Deformities Etiology

- ◆ Train students in the skills to be able to diagnose, describe, classify, transmit and plan malocclusions treatment, being able to distinguish between skeletal and dental problems
- ◆ Acquire sufficient training to diagnose, classify and treat dental malocclusions caused by osseo-dental discrepancy
- ◆ Know how to identify the different malocclusive syndromes and craniofacial deformities
- ◆ Be able to identify disorders that require treatment, as well as the ideal age to treat each type of disorder: To determine the specific therapeutic objectives of each treatment
- ◆ Determine the individual characteristics of patients, both physical, psychological and social

Module 4. Treatment Plan

- ♦ Know and understand the different parts in elaborating scientific articles
- ♦ Know how to handle different databases in Health Sciences
- ♦ Develop strategies for searching and organizing information
- ♦ Review the latest developments in advanced treatments in conventional Orthodontics and Dentofacial Orthopedics as well as multidisciplinary treatments
- ♦ Update on the latest developments in esthetic Orthodontics and Dentofacial Orthopedics and/or invisible orthodontics

Module 5. Advanced Clinical Biomechanics

- ♦ Learn about advances in biomechanics such as the use of removable plates and how they work
- ♦ Learn about bonding techniques for brackets and bands
- ♦ Identify the causes and physiology of tooth movement

Module 6. Early Dentofacial Orthopedics

- ♦ Identify the treatment to be used in patients at risk with their first dentition
- ♦ Analyze the treatment of anterior open bite and overbite

Module 7. Late Dentofacial Orthopedics

- ♦ Perform permanent dentition treatments in late orthopedics
- ♦ Identify the etiology, indications and limitations of the different types of treatment
- ♦ Identify the etiology, indications and limitations in the treatment of open bite and overbite

Module 8. Conventional Orthodontics

- ♦ Be able to identify and prevent or treat risk factors for patient relapse
- ♦ Review the basic therapeutic principles of the other specialties in medicine and dentistry
- ♦ Identify alterations, pathologies or special characteristics that should be treated in collaboration with other Health Science specialists
- ♦ Know Orthodontic, Dentofacial Orthopedics and Specialist skills within a multidisciplinary team for treating special patients with dentofacial deformity and malocclusion
- ♦ Develop competence in the search and organization of documentation, and in presenting and communicating their work adequately to the scientific community
- ♦ Update on research methodologies that allow for evidence-based orthodontics and dentofacial orthopedics

Module 9. Advanced Treatments in Conventional Orthodontics

- ♦ Analyze implant and microscrew treatments as a support for dental pieces
- ♦ Learn clinical and laboratory techniques to improve system efficacy and efficiency Current evidence-based protocols
- ♦ Learn the surgical and non-surgical aids to accelerate movement

Module 10. Multidisciplinary Treatments

- ♦ Diagnose adult patients and determine treatment objectives
- ♦ Know the anatomy and the lymphoid system to perform orthodontics and treatment of SAHS in children
- ♦ Know the efficacy of mandibular advancement devices (MAD)

Module 11. Lingual Orthodontics

- ♦ Analyze the importance of lingual orthodontics, reviewing the different global systems available
- ♦ Know the difference between vestibular and lingual biomechanics Update on the appliances in the 3 planes of space
- ♦ Prevent and resolve frequent emergencies and complications

Module 12. Orthodontics and Orthognathic Surgery

- ♦ Take medical histories, examine patients and take records
- ♦ Know how to identify the different malocclusive syndromes and craniofacial deformities, as well as the functional alterations of the stomatognathic system that accompany morphological alterations
- ♦ Know how to take clinical history and perform usual examinations, as well as request and interpret the complementary examinations used in comprehensive patient diagnosis
- ♦ Understand the indications, contraindications and limits of orthodontics and dentofacial orthopedics and orthognathic surgery
- ♦ Predict the efficacy and efficiency of different treatments and correction stability
- ♦ Know how to apply the retention protocols for different deformities, as well as the principles and mechanisms involved in physiological rebound and malocclusions recurrence

Module 13. Thermoplastic Orthodontics

- ♦ Identify the use of transparent splints or dental aligners
- ♦ Learn how to register patients, performing Rx Orthopantomography and lateral Teleradiography of the skull, intraoral scanner, and others
- ♦ Know the usual movements that are incompatible with placing attachments

Module 14. Dental Aligner Correction in 3 Planes of Space

- ♦ Learn about malocclusion correction on the sagittal plane
- ♦ Learn about malocclusion correction on the transverse plane in cases of crossbite, scissor bite, midline, and others

Module 15. Transparent Splints in Orthognathic and Oral Surgery

- ♦ Introduce students to preparing for splinting surgery

Module 16. Multidisciplinary Thermoplastic Orthodontics and Case Completion

- ♦ Learn the importance of aligners in conjunction with other dental specialties
- ♦ Learn how to handle extractions with thermoplastic orthodontics
- ♦ Be familiar with the ending treatment process



Completing this program will help you become a benchmark professional with the necessary skills to face any professional challenge”

03 Skills

After completing the program, students will be prepared to face the different work challenges that arise in daily practice. They will have a much better understanding of the concepts in an area that is booming internationally.



“

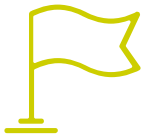
Orthodontics and Dental Orthopedics have become pillars for dentistry. Get trained in this field and advance your career”



General Skills

- ♦ Possess and understand knowledge in their field of study that builds on the foundation of general secondary education. While relying on advanced textbooks, it also includes some aspects that involve knowledge from the forefront of this field of study.
- ♦ Apply their knowledge to their work or vocation in a professional manner and possess the skills that are usually demonstrated through the development and defence of arguments and problem solving within their area of study.
- ♦ Gather and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific or ethical issues.
- ♦ Convey information, ideas, problems, and solutions to both specialized and non-specialized audiences.
- ♦ Develop the necessary learning skills to undertake further studies with a high degree of autonomy



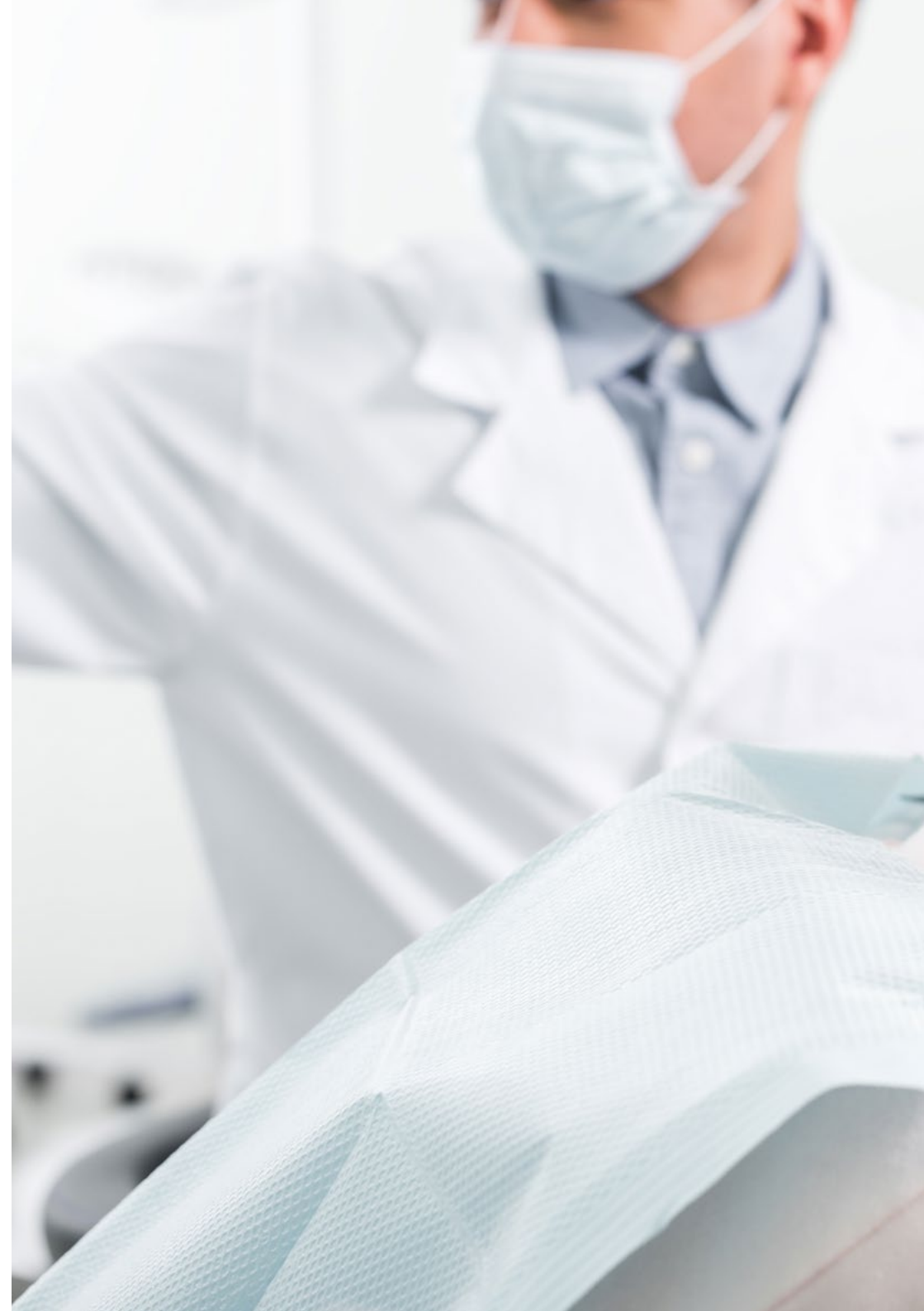


Specific Skills

- ♦ Know anatomical craniofacial structures to establish dynamic relationships with stomatognathic apparatus and dental occlusion functions
- ♦ Know and understand the interpretation of complementary tests through imaging and their application in differential diagnosis for malocclusions and dentofacial deformities
- ♦ Learn the biological principles that determine the pathophysiology of the processes of bone apposition and resorption, as well as tooth movement Learn to predict and interpret the response of hard and soft tissues to the application of therapeutic forces
- ♦ Know the principles and mechanisms of craniofacial growth and dental eruption, as well as the different functions of the stomatognathic apparatus and the oro-facial region
- ♦ Identify the etiological, genetic, epigenetic and environmental factors of different malocclusions and dentofacial deformities, know their epidemiology, and be able to predict their evolution according to current scientific evidence
- ♦ Know the historical origin and evolution of orthodontic and orthopedic appliances, as well as the current scientific evidence that supports their clinical use
- ♦ Understand and know how to apply the action principles and mechanisms of the appliances, as well as their indications and contraindications according to the type of malocclusion and/or the individual characteristics of patients
- ♦ Know how to perform the clinical and laboratory procedures for the design, manufacture, fitting and clinical control of prostheses and appliances used in orthodontics and dentofacial orthopedics
- ♦ Know how to identify the different malocclusive syndromes and craniofacial deformities, as well as the functional alterations of the stomatognathic system that accompany morphological alterations
- ♦ Know how to take clinical history and perform usual examinations, as well as request and interpret the complementary examinations used in comprehensive patient diagnosis
- ♦ Be able to identify disorders that require treatment, as well as the ideal age to treat each type of disorder; to determine the specific therapeutic objectives of each treatment
- ♦ Be able to make logical treatment plans integrating all therapeutic objectives, and design and/or prescribe the appropriate mechanics and therapeutic sequencing according to the type of deformity and the individual characteristics of the patient
- ♦ Know and understand the indications, contraindications, and limits of Orthodontics, Dentofacial Orthopedics and Orthognathic Surgery Predict the efficacy and efficiency of different treatments and correction stability
- ♦ Know how to apply the retention protocols for different deformities, as well as the principles and mechanisms involved in physiological rebound and malocclusions recurrence
- ♦ Be able to identify and prevent or treat recurrence risk factors (predisposing and/or triggering)
- ♦ Know and understand the basic therapeutic principles of other specialties in medicine and dentistry
- ♦ Be able to identify the alterations, pathologies or special characteristics that must be treated in collaboration with other Health Science specialists
- ♦ Know Orthodontic Specialist skills within a multidisciplinary team for treating special patients with dentofacial deformity and malocclusion
- ♦ Perform all the clinical procedures for the diagnosis of malocclusions and dentofacial deformities Clinical history, inspection, palpation, auscultation of the temporomandibular joint, functional manipulation, etc.
- ♦ Be able to identify individual patient characteristics, physical, psychic and/or social, which

may condition the treatment plan and/or the opportunity for treatment

- ♦ Be able to create an adequate treatment plan and a logical therapeutic sequence for real patients, and acquire the ability to present and defend the results in a clinical session
- ♦ Apply treatment protocols and clinical monitoring on real patients, and acquire the ability to systematically collect clinical data on each patient
- ♦ Understand and know how to identify the adverse effects and/or clinical complications of orthodontic and dentofacial orthopedic treatments, as well as the clinical protocols for the resolution and treatment of these problems
- ♦ Identify failure to cooperate and possible causes
- ♦ Know how to deal with medical emergencies characteristic of orthodontic treatments
- ♦ Know and understand the functions of orthodontic specialists within a multidisciplinary team
- ♦ Know the different therapeutic guidelines and/or the different possible therapeutic protocols when planning treatments for specific deformities
- ♦ Acquire adequate interprofessional communication skills
- ♦ Develop competences in the search and organization of documentation, and in presenting and communicating their work adequately to the scientific community
- ♦ Know the research methodologies that allow for evidence-based orthodontics and





dentofacial orthopedics

- ◆ Know and understand the different parts in elaborating scientific articles
- ◆ Know how to handle different databases in Health Sciences
- ◆ Develop strategies for searching and organizing information
- ◆ Incorporate scientific research and evidence-based practice as part of professional culture
- ◆ Develop adequate communication and presentation strategies to inform the scientific community
- ◆ Develop an educational attitude toward improvement by constantly searching for information and professional progress
- ◆ Develop autonomous learning to keep professional knowledge, skills, abilities and aptitudes up to date

04

Course Management

This program has an extraordinary teaching staff, trained in Orthodontic and Deontofacial Orthopedic treatments. As they are leading specialists, they have contributed their knowledge to complete this program for the benefit of students, ensuring that the knowledge imparted is valid in the current state of the profession.





“

You will be able to develop treatment plans for patients following the expertise of an excellent teaching staff”

Management



Dr. Martínez Font, Juan

- ♦ Orthodontics and Dentofacial Orthopedics Private Practice
- ♦ Professor for the Master's Degree in Orthodontics and Orthopedics, CEU Cardenal Herrera University
- ♦ Professor for the Specialization Degree in Orthodontics, CEU Cardenal Herrera University
- ♦ Associate Professor of Orthodontics II, III and IV in the Department of Dentistry, CEU Cardenal Herrera University and Affiliate Member of the Spanish Society of Orthodontics (SEDO)
- ♦ Degree in Dentistry, CEU Cardenal Herrera University
- ♦ PhD in Dentistry from CEU Cardenal Herrera University
- ♦ Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ♦ Postgraduate Diploma in Orthodontics and Dentofacial Orthopedics at CEU Cardenal Herrera University
- ♦ Invisalign Certification



Dr. Veres Jordá, Jesús

- ♦ Collaborating Professor for the Master's Degree in Orthodontics UCH-CEU and Member of the Spanish Society of Orthodontics (SEDO)
- ♦ Degree in Dentistry CEU Cardenal Herrera University
- ♦ Postgraduate course in Neuro-Occlusal Rehabilitation and Orofacial Pain
- ♦ Master's Degree in Orthodontics, CEU Cardenal Herrera University
- ♦ Master's Degree in Invisalign Invisible Orthodontics, Invisalign System
- ♦ Postgraduate Diploma in Orthodontics from CEU Cardenal Herrera University
- ♦ Postgraduate Degree in Orthodontics, The Charles H. Tweed International Foundation for Orthodontic Research Tucson, Arizona USA
- ♦ Certificate of Lingual Orthodontics, Incognito 3M system

Professors

Mr. Orozco Aparicio, Iñaki

- ♦ Professor for the Degree in Dentistry Courses Orthodontics III and Orthodontics IV
- ♦ Collaborating Professor for the Master's Degree in Clinical Orthodontics at UAH
- ♦ Professor for the Master's Degree in Orthodontics and Orthopedics
- ♦ Member of the Spanish Society of Prosthetics, Stomatology and Aesthetics (AESOR) and the Spanish Society of Oral Surgery (SEDO)
- ♦ Member of the GDC (General Dental Council of the United Kingdom) Degree in Dentistry, University of Valencia, Spain
- ♦ Master's Degree in Orthodontics and Dentofacial Orthopedics from the University of Valencia
- ♦ Specialization in Orthodontics at UCH CEU
- ♦ Advanced Program in Management and Strategic Management IE-Madrid
- ♦ Teaching collaborator in various continuing education projects in dental schools in Las Palmas and Tenerife in lingual orthodontics
- ♦ Clinical practice in private practice as a specialist in Orthodontics in Spain and the United Kingdom

Dr. Bolás Colvée, Belén

- ♦ Orthodontics and Dentofacial Orthopedics Private Practice
- ♦ Member of the Spanish Society of Orthodontics
- ♦ Member of the Spanish Society of Aligners
- ♦ Expert Diploma in Orthodontics and Dentofacial Orthopedics CEU Cardenal Herrera University
- ♦ Degree in Dentistry from the University of Valencia
- ♦ PhD in Dentistry from the University of Valencia
- ♦ Associate Professor of Orthodontics, European University

- ♦ Master's Degree in Orthodontics and Dentofacial Orthopedics CEU Cardenal Herrera University
- ♦ Invisalign Certification

Mr. Alonso Pérez-Barquero, Jorge

- ♦ Associate Professor at the University of Valencia
- ♦ Collaborating Professor for the Master's Degree in Dental Prosthesis, University of Valencia
- ♦ Degree in Dentistry from the University of Valencia
- ♦ Masters Degree in Dental Prosthesis, University of Valencia
- ♦ Official Master's Degree in Dental Sciences, University of Valencia
- ♦ Diploma in Esthetic Dentistry Aparicio Clinic
- ♦ Diploma in Oral Rehabilitation and Occlusion Dawson Academy Spain
- ♦ Member of the Spanish Society of Prosthetics, Stomatology and Aesthetics (SEPES)
- ♦ SEPES Gascón Award
- ♦ Best Oral Communication of the Annual Meeting of the Centro de Estudios Odontostomatologic

Ms. Cañada Luna, Isabel

- ♦ Orthodontics and Dentofacial Orthopedics, Exclusive Private Practice
- ♦ Professor for the Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ♦ Degree in Dentistry, CEU Cardenal Herrera University
- ♦ Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ♦ Postgraduate Diploma in Orthodontics and Dentofacial Orthopedics at CEU Cardenal Herrera University

- ♦ Courses belong to the Third Cycle Research period, CEU Cardenal Herrera University (Valencia, Spain)
- ♦ Member of the Spanish Society of Orthodontics (SEDO) Member of the Study Center of the Official College of Dentists and Stomatologists of Aragon

Dr. Galán López, Lidia

- ♦ Orthodontics and Dentofacial Orthopedics, Exclusive Practice
- ♦ Professor for the Master's Degrees in Comprehensive Orthodontics and in Comprehensive Orthodontics
- ♦ Professor of Orthodontics I and II in the Department of Dentistry, Catholic University of Valencia
- ♦ PhD in Dentistry, University Catholic University of Valencia
- ♦ Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ♦ Postgraduate Diploma in Orthodontics and Dentofacial Orthopedics at CEU Cardenal Herrera University
- ♦ Doctor in Dentistry, International University of Catalonia
- ♦ Member of the Spanish Society of Orthodontics (SEDO)
- ♦ Active Member of the Spanish Association of Specialists in Orthodontics (AESOR)
- ♦ Invisalign and Incognito Certification

Dr. Guinot Barona, Clara

- ♦ Associate Professor for the Dentistry Degree, CEU Cardenal Herrera University (Valencia, Spain)
- ♦ Collaborating Professor for the Master's Degree in Pediatric Dentistry at CEU Cardenal Herrera University

- ♦ Collaborating Professor for the Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ♦ Degree in Dentistry from the University of Valencia
- ♦ Expert Diploma in Orthodontics, CEU Cardenal Herrera University and PhD in Dentistry, UCH-CEU
- ♦ Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University

Dr. Castañer Peiro, Amparo

- ♦ Orthodontics and Dentofacial Orthopedics Private Practice
- ♦ PhD in Medicine and Surgery, CEU Cardenal Herrera University
- ♦ Degree in Medicine and Surgery, University of Valencia
- ♦ Specialty in Stomatology, University of Valencia
- ♦ Master's Degree in Orthodontics, Complutense University of Madrid
- ♦ Associate Professor of Orthodontics, CEU Cardenal Herrera University
- ♦ Dentistry Professor of Orthodontics II and III, CEU Cardenal Herrera University
- ♦ Professor for the Master's Degree in Orthodontics and Orthopedics, CEU Cardenal Herrera University
- ♦ Professor for the Expert Diploma in Orthodontics and Orthopedics, CEU Cardenal Herrera University
- ♦ Certificate in Invisalign and Lingual Orthodontics
- ♦ Professional Degree in Oral-Dental Public Health certified by the UCM
- ♦ Member of the following associations: SEDO, AAO, EOS, WFO, AESOR, CIRNO
- ♦ Member of the Board of Directors of the Center for Odonto-Estomatologic Studies of the College of Dentists of Valencia
- ♦ Membership of the Committee of Experts of the ANECA in the Community of Madrid

Dr. Sánchez Albero, Ana

- ♦ Professor for the Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ♦ Professor for the Specialization Degree in Orthodontics, CEU Cardenal Herrera University
- ♦ Professor of Comprehensive Orthodontics, Catholic University
- ♦ PhD in Dentistry, CEU Cardenal Herrera University
- ♦ Expert Diploma in Orthodontics and Dentofacial Orthopedics at CEU Cardenal Herrera University
- ♦ Degree in Odontología, CEU Cardenal Herrera University
- ♦ Master's Degree in Transparent Orthodontics
- ♦ Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ♦ Member of the Spanish Society of Orthodontics (SEDO)
- ♦ Invisalign Certification

Ms. Alfonso Chulvi, Purificación

- ♦ Professor for the Specialization Degree in Orthodontics, Catholic University of Valencia
- ♦ Associate Professor of Ortho I and II in the Department of Dentistry in English, Catholic University of Valencia
- ♦ Postgraduate Course in Orthodontics. Center for Orthodontic Studies, Gnathos, Madrid
- ♦ Orthodontics techniques in Dental Smiles Dublin, Irlanda
- ♦ Invisible Orthodontics Certification 3D Orthodontics Madrid
- ♦ Win Lingual Orthodontics Certification
- ♦ Course on Oral Pathology and Medicine, University of Valencia, Spain
- ♦ Degree in Dentistry from the University of Valencia
- ♦ Orthodontics and Dentofacial Orthopedics Private Practice

Ms. Ferrer Serrador, Clara María

- ♦ Orthodontics and Dentofacial Orthopedics Private Practice
- ♦ Professor for the Master's Degree in Comprehensive Orthodontics at the Catholic University of Valencia
- ♦ Professor for the Master's Degree in Comprehensive Orthodontics, Catholic University of Valencia
- ♦ Professor of Orthodontics I and II in the Dentistry Degree, Catholic University of Valencia
- ♦ Degree in Dentistry from the University of Valencia
- ♦ Master's Degree in Orthodontics and Dentofacial Orthopedics from the University of Alcalá (UAH)
- ♦ Master's Degree in Invisible Orthodontics based on Dr. Román's Invisalign system
- ♦ Damon Master (Drs. García Espejo and Perera Grau)
- ♦ Myofunctional Orthodontics Course (Myobrace)
- ♦ Member of the Spanish Society of Orthodontics (SEDO)
- ♦ WIN Certification
- ♦ Invisalign Certification

Ms. Iizarbe Ripoll, Marta

- ♦ Master's Degree in Advanced Orthodontics (UEM)
- ♦ Master Invisalign (Drs. Peydro and Malagón)
- ♦ Damon Master (Drs. Perera and García-Espejo)
- ♦ Insignia Lingual Orthodontics System Certification
- ♦ Degree Dentistry from the University of Valencia
- ♦ Business Manager at Dental Clinic (ESADE)
- ♦ Higher Program Business Administration and Management (EAE)
- ♦ Member of the Spanish Society of Orthodontics and Dentofacial Orthopedics (SEDO)

- ◆ Member Spanish Society of Alignment (SEDA)
- ◆ Members Spanish Society Periodontics and Osseointegration (SEPA)

Ms. Sanz-Orrio Soler, Icíar

- ◆ Orthodontics and Dentofacial Orthopedics Private Practice
- ◆ Associate Professor in the English program for the Degree of Dentistry, University Catholic University of Valencia
- ◆ Professor for the Specialization Degree in Orthodontics, CEU Cardenal Herrera University
- ◆ Member of the Spanish Society of Orthodontics (SEDO)
- ◆ Affiliated Member of the Spanish Associations of Exclusive (AESOR)
- ◆ Member of the World Federation of Orthodontists, WFO
- ◆ Member of the Spanish Society of Alignment SEDA
- ◆ Degree in Dentistry, CEU Cardenal Herrera University
- ◆ Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ◆ Postgraduate Diploma in Orthodontics and Dentofacial Orthopedics at CEU Cardenal Herrera University
- ◆ Master's Degree in Invisalign Clear Aligner Aystem with Dr. Manuel Román
- ◆ Tweed Study Course in Tucson, Arizona
- ◆ Incognito Certification Course
- ◆ Course on Neuro-occlusal Rehabilitation and Integral Treatment of the TMJ with Dr. Javier Plaza

Ms. Primo Trullenque, Anna

- ◆ Orthodontics and Dentofacial Orthopedics Private Practice
- ◆ Member of the Spanish SEDO (Society of Orthodontics)
- ◆ Degree in Dentistry, CEU Cardenal Herrera University

- ◆ Postgraduate Diploma in Orthodontics and Dentofacial Orthopedics at CEU Cardenal Herrera University
- ◆ Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ◆ Master's Degree in Aesthetic and Adhesive Dentistry, University of Valencia, Spain
- ◆ Invisalign Certification

Dr. Arias de Luxán, Santiago

- ◆ Degree in Medicine and Surgery, Navarra University
- ◆ Specialist in Stomatology, Complutense University of Madrid
- ◆ Postgraduate Specialization in Orthodontics, University of Valencia
- ◆ PhD in Medicine and Surgery from the University of Valencia
- ◆ Former Associate professor attached to the Stomatology Department in the Faculty of Medicine and Dentistry, University of Valencia
- ◆ Former Professor for the Master's Degree in Orthodontics at the Faculty of Medicine and Dentistry, University of Valencia
- ◆ Former Professor for the Master's Degree in Temporomandibular Joint Pathology at the Faculty of Medicine and Dentistry, University of Valencia
- ◆ Associate Professor, head of Orthodontics III and IV at the Faculty of Health Sciences, CEU Cardenal Herrera University
- ◆ Coordinator and Professor of the Postgraduate Diploma in Orthodontics, CEU Cardenal Herrera University
- ◆ Coordinator and Professor for the Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ◆ Various national and international publications
- ◆ Directed 10 doctoral theses

- ♦ Former Secretary of the Center for Odonto-Estomatological Studies III Region
- ♦ Former Scientific Member of the Spanish Association of Orthodontic Specialists
- ♦ Former Editor of the Bulletin of AESOR (Official Journal of the Spanish Association of Orthodontic Specialists)
- ♦ Invited speaker at numerous national and international congresses
- ♦ Orthodontics and Dentofacial Orthopedics Private Practice

Dr. Molina Villar, Sara

- ♦ PhD in Dentistry from CEU Cardenal Herrera University
- ♦ Official Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ♦ Expert Diploma in Orthodontics and Dentomaxillary Orthopedics at CEU Cardenal Herrera University
- ♦ Degree in Dentistry from the University of Valencia, Award for Extraordinary Performance
- ♦ Collaborating Professor for the Master's Degree in Orthodontics, Catholic University of Valencia
- ♦ Theoretical and Practical Modular Course in Orthodontics and Orthognathic Surgery

- ♦ Certification in the Invisalign System
- ♦ Certification in the Lingual Orthodontics System, Incognito
- ♦ Theoretical and practical Postgraduate Course in Advanced Multidisciplinary Orthodontics, Face Roth Williams philosophy
- ♦ Master's Degree in Transparent Orthodontics Invisalign Rivero System
- ♦ Member of the Spanish Society of Orthodontics
- ♦ Private Clinical Practice

Dr. Sánchez García, María José

- ♦ Exclusive Practice Orthodontist at Valencia and Murcia
- ♦ PhD in Dentistry from the University of Murcia
- ♦ Degree in Dentistry from the University of Murcia
- ♦ Postgraduate Diploma in Periodontics from the University of Murcia
- ♦ Master's Degree in Orthodontics and Dentofacial Orthopedics from the University of Valencia
- ♦ Former Associate Professor, CEU Cardenal Herrera University, Valencia
- ♦ Former Professor for the Master's Degree in Orthodontics and Dentofacial Orthopedics,

CEU Cardenal Herrera, Valencia

- ◆ Invisalign and Incognito Certification
- ◆ Member of the Spanish Society of Orthodontics
- ◆ Member of AESOR (Association of Specialists in Orthodontics and Dentofacial Orthopedics)
- ◆ Member of the World Federation Orthodontists (WFO)

Dr. Laparra Hernández, Raquel

- ◆ Associate Professor of Orthodontics at CEU Cardenal Herrera University
- ◆ Professor for the Master's Degree in Orthodontics and Dentofacial Orthopedics at CEU Cardenal Herrera University
- ◆ PhD in Dentistry from the University of Valencia
- ◆ Master's Degree in Orthodontics and Dentofacial Orthopedics, UCH-CEU
- ◆ Professional Master's Degree in Dentistry, UCH-CEU
- ◆ Master's Degree in Dental Sciences, University of Valencia
- ◆ Degree in Singing and Instrument Pedagogy, specializing in clarinet from the Conservatorio Superior de Música Joaquín Rodrigo
- ◆ Expert Master's Degree in Invisalign by Dr. Román
- ◆ Course in Neuroclusal Rehabilitation
- ◆ Myobrace Course
- ◆ Incognito Certification
- ◆ Invisalign Certification

Ms. Valero Remohi, Paloma

- ◆ Professor for the Master's Degree in Orthodontics and Dentofacial Orthopedics, CEU Cardenal Herrera University
- ◆ Professor for the Specialization Degree in Orthodontics, CEU Cardenal Herrera University

- ◆ Associate Professor in charge of Orthodontics I and Orthodontics II in the Department of Dentistry, CEU Cardenal Herrera University
- ◆ Master's Degree in Orthodontics and Dentofacial Orthopedics, International University of Catalonia
- ◆ Doctoral Candidate and Diploma of Advanced Studies (DEA), International University of Catalonia
- ◆ Diploma in Clinical and Dental Management, Dental Doctors Institute of Management
- ◆ Degree in Dentistry from the University of Valencia
- ◆ Invisalign and Incognito Certification
- ◆ Affiliated member of the Spanish Society of Orthodontics (SEDO) and the Spanish Association of Orthodontists (AESOR)
- ◆ Exclusive Orthodontist Orthodontics and Orthopedics Private Practice

05

Educational Plan

This Hybrid Professional Master's Degree in Orthodontics and Dentofacial Orthopedics has a carefully planned program to meet the current demands of dentists specialized in this field. Furthermore, it is supported by the recommendations of the teaching staff, who gathered all their years of experience to ensure the theoretical and practical training of students.



“

You will be able to identify the alterations, pathologies or special characteristics that must be treated in collaboration with other specialists for an integral treatment”

Module 1. Initial Diagnosis

- 1.1. Systematic Diagnosis in Dentistry
 - 1.1.1. First Visit and Clinical History
 - 1.1.2. Patient Exploration
 - 1.1.3. Ordinary Records
 - 1.1.4. Complementary Records
 - 1.1.5. Myofunctional Records
- 1.2. Staged Orthodontic Diagnosis
 - 1.2.1. Establishing Problem Listing
 - 1.2.2. Establishing Therapeutic Objectives
 - 1.2.3. Mechanotherapy Planning and Equipment

Module 2. Advanced Diagnosis

- 2.1. Cephalometric Analysis 3D Diagnosis CBCT y CT
 - 2.1.1. Cephalometric Analysis
 - 2.1.1.1. Introduction
 - 2.1.1.2. Craniometric Points Description
 - 2.1.1.3. Steiner Cephalometric Analysis
 - 2.1.1.4. Ricketts Cephalometric Analysis
 - 2.1.2. 3D Diagnosis
 - 2.1.2.1. Introduction
 - 2.1.2.2. System Fundamentals
 - 2.1.2.3. CBCT vs. Computerized Tomography
 - 2.1.2.4. Advantages
 - 2.1.2.5. Disadvantages
 - 2.1.2.6. Voxel
 - 2.1.2.7. Image Interpretation
 - 2.1.2.8. Radiation
 - 2.1.2.9. Clinical Application of CBCT

- 2.2. Diagnosis and Treatment of Habits
 - 2.2.1. Introduction
 - 2.2.2. Atypical Swallowing in Children
 - 2.2.3. Nutritional Sucking Habits
 - 2.2.3.1. Breastfeeding
 - 2.2.3.2. Feeding Bottles
 - 2.2.4. Non-Nutritional Sucking Habits
 - 2.2.4.1. Digital Sucking
 - 2.2.4.2. Pacifier Habits
 - 2.2.5. Mouth Breathing
 - 2.2.6. Dyslalia
 - 2.2.7. Other Habits
- 2.3. Early Diagnosis of Patients at Risk
 - 2.3.1. Caries and White Spots: Current Techniques Preventive Treatment for Enamel Demineralization
 - 2.3.2. Root Resorption: Current Techniques Preventive Treatment for Root Resorption
 - 2.3.3. Differential Diagnosis of the Most Frequent Temporomandibular Disorders in Orthodontic Patients
 - 2.3.4. Idiopathic Condylar Resorption: Current Diagnostic Techniques Preventive Treatment for Severe Progressive Open Bite

Module 3. Malocclusions and Dentofacial Deformities Etiology

- 3.1. Craniofacial Growth and Development
 - 3.1.1. Types of Postnatal Growth
 - 3.1.2. Integrating Facial Development
 - 3.1.3. Upper Jaw Growth
 - 3.1.4. Jaw Growth
- 3.2. Tooth Eruption Pathophysiology
 - 3.2.1. Eruption Phases
 - 3.2.2. Tooth Eruption in Adults
 - 3.2.3. Eruption Mechanisms
 - 3.2.4. Dentition General Development
- 3.3. Dentoalveolar Growth and Adaptation in Different Malocclusions and Dentofacial

Deformities

- 3.3.1. Dentoalveolar Growth and Adaptation in Transverse Malocclusions
- 3.3.2. Dentoalveolar Growth and Adaptation in Vertical Malocclusions
- 3.3.3. Dentoalveolar Growth and Adaptation in Sagittal Malocclusions
- 3.4. Differential Diagnosis of Etiological Factors
 - 3.4.1. Malocclusion Etiological Factors
 - 3.4.2. Specific Causes of Malocclusion
 - 3.4.3. Genetic Influences
 - 3.4.4. Environmental Influences
 - 3.4.5. Current Etiological Perspective

Module 4. Treatment Plan

- 4.1. Concepts and Objectives
 - 4.1.1. Establishing Priority Lists for Orthodontic Problems
 - 4.1.2. Establishing Treatment Possibilities and Therapeutic Sequencing
 - 4.1.3. Assessing Potential Treatment Factors
 - 4.1.4. Types of Treatment
 - 4.1.5. Treating Orthodontic Disorders
- 4.2. Evidence-Based Orthodontics: PICO, Databases and Critical Reading
 - 4.2.1. Formulating Clinical Questions
 - 4.2.2. Literature Consultation
 - 4.2.3. Types of Clinical Studies
 - 4.2.4. Bias and Confusion Factors
 - 4.2.5. Evidence Levels and Degrees of Recommendation
 - 4.2.6. Critical Assessment of Results
- 4.3. Limits to Orthodontics and Dentofacial Orthopedics as a Function of Malocclusion Type and Patient Age
 - 4.3.1. Growth Modification in Skeletal Problem Treatments
 - 4.3.2. Biological Limits
 - 4.3.3. Soft Tissue Limitations
- 4.4. Early or Late Treatment Indications

- 4.4.1. Determining Skeletal Maturity
- 4.4.2. Malocclusion Evolution during Growth
- 4.4.3. Early Treatment for Malocclusions
- 4.5. Determining the Need for Therapeutic Extractions
 - 4.5.1. Definition of Volumetric Malocclusions
 - 4.5.2. Premolar Therapeutic Extractions
 - 4.5.3. Special Extraction Cases
 - 4.5.4. Stripping *Technique* as an Alternative to Tooth Extractions
- 4.6. Preparing Individualized Treatment Plans
 - 4.6.1. General Considerations in Individualized Treatment Planning
 - 4.6.2. Determining Individualized Treatment Plans
 - 4.6.3. Auxiliary Tools to Determine Individual Treatment Plans: Steiner's Case

Module 5. Advanced Clinical Biomechanics

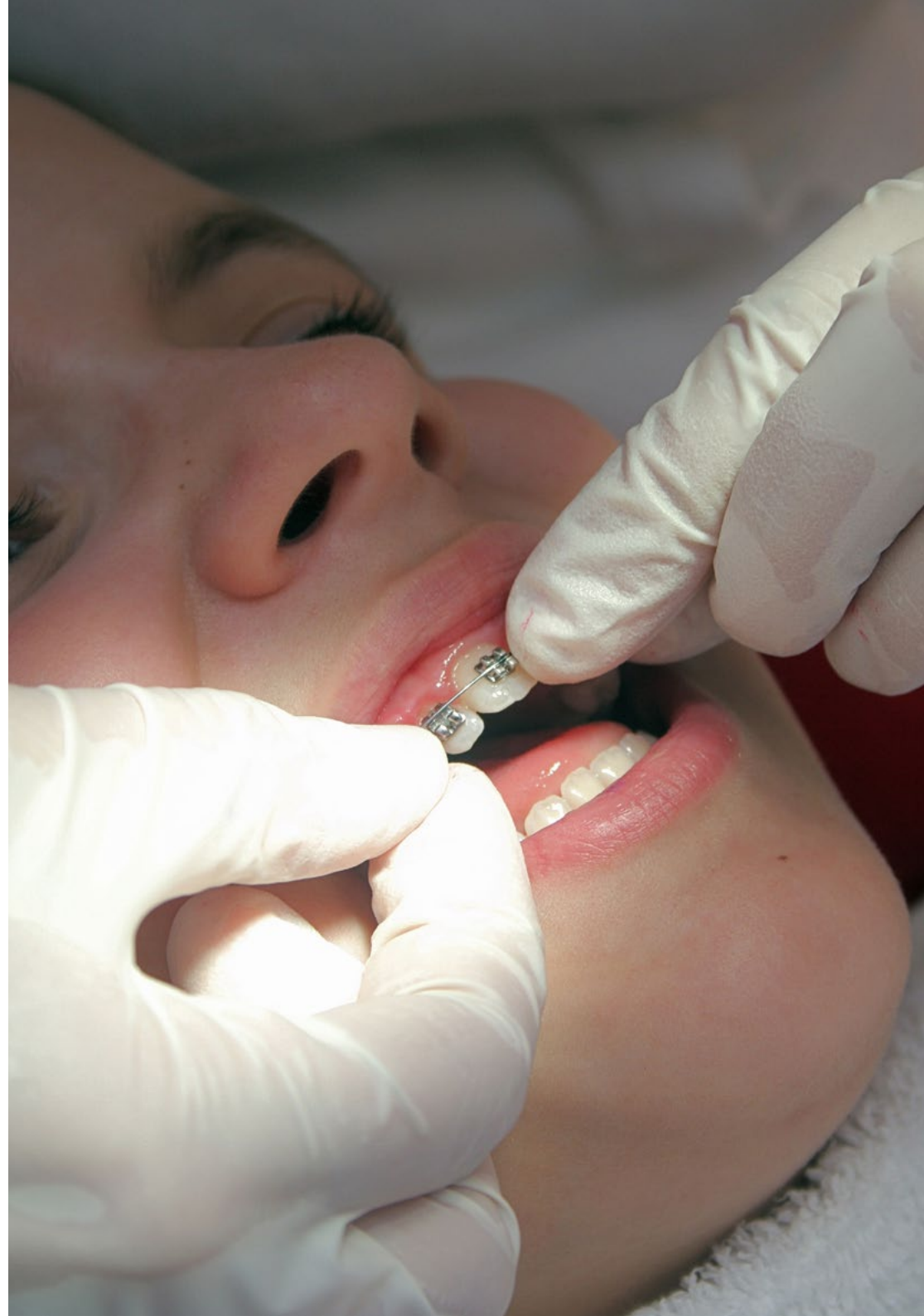
- 5.1. Biomechanics Applied to Orthodontics and Dentofacial Orthopedics
 - 5.1.1. Active Removable Plaques
 - 5.1.2. Functional Equipment
 - 5.1.2.1. Action Modes
 - 5.1.2.2. Orthopedic Action
 - 5.1.2.3. Dental Action
- 5.2. Bracket and Band Cementing Techniques
 - 5.2.1. Direct Cementing
 - 5.2.2. Indirect Cementing
 - 5.2.3. Indications and Limitations
- 5.3. Microscrews
 - 5.3.1. General Indications
 - 5.3.2. Limitations of Use
- 5.4. Surgical Aids to Tooth Movement
 - 5.4.1. Periodontium Anatomy
 - 5.4.2. Orthodontic Tooth Movement Physiology
 - 5.4.3. Why Teeth Move Faster
 - 5.4.4. Types of Surgical Aids

Module 6. Early Dentofacial Orthopedics

- 6.1. Early Orthopedics: Neuro-Occlusal Rehabilitation
 - 6.1.1. Concept and Justification
 - 6.1.2. Planas' Law of Minimum Vertical Dimension and Planas' Functional Masticatory Angle
 - 6.1.3. Planas' Laws: Stomatognathic System Development
 - 6.1.4. First Year Treatment
 - 6.1.5. First Dentition Therapeutics
 - 6.1.6. Mixed and Second Dentition Therapeutics
- 6.2. Treatments in Deciduous Dentition and Mixed First Phase
 - 6.2.1. Class III and Anterior Crossbite
 - 6.2.2. Class II
 - 6.2.3. Open Anterior Bite
 - 6.2.4. Overbite
 - 6.2.5. Posterior Crossbite and Transverse Problems: Facial Asymmetry in Children. and Treating Them with OSA
 - 6.2.6. Eruption Alterations: Canines Incisors Premolars and Molars
 - 6.2.7. Space Constraints

Module 7. Late Dentofacial Orthopedics

- 7.1. Treatment in Permanent Dentition: Late Orthopedics
 - 7.1.1. Etiology
 - 7.1.2. Treatment Indications
 - 7.1.3. Limitations
- 7.2. Class III Treatments
 - 7.2.1. Etiology
 - 7.2.2. Treatment Indications
 - 7.2.3. Limitations
- 7.3. Class II Treatments
 - 7.3.1. Etiology
 - 7.3.2. Treatment Indications
 - 7.3.3. Limitations



- 7.4. Open Anterior Bite Treatment
 - 7.4.1. Open Anterior Bite Definition
 - 7.4.2. Open Anterior Bite Treatment
 - 7.4.3. Late Therapies for Open Anterior Bite
- 7.5. Overbite Treatment
 - 7.5.1. Etiology
 - 7.5.2. Treatment Indications
 - 7.5.3. Limitations
- 7.6. Child and Adolescent Posterior Crossbite and Transverse Problems
 - 7.6.1. Concept and Classification
 - 7.6.2. Epidemiology
 - 7.6.3. Etiology
 - 7.6.4. Diagnosis
 - 7.6.5. Treatment
 - 7.6.6. New Technologies

Module 8. Conventional Orthodontics

- 8.1. Treatments for Stage 2 Mixed and Early Permanent Dentition
 - 8.1.1. Treatment Protocols
 - 8.1.2. Indications and Contraindications. Fixed Equipment
 - 8.1.2.1. Advantages and Disadvantages: Fixed Equipment
 - 8.1.3. Malocclusions
 - 8.1.3.1. Transversal Malocclusions
 - 8.1.3.2. Vertical Malocclusions
 - 8.1.4. Retention/Relapse
- 8.2. Bracket Cementation Specification: Malocclusion Type and/or Therapeutic Objectives
 - 8.2.1. Installing Pre-Adjusted Equipment
 - 8.2.1.1. Bracket and Tube Location
 - 8.2.1.2. Mesiodistal Location
 - 8.2.1.3. Vertical Position ("Height")
 - 8.2.1.4. Inclination
 - 8.2.1.5. Vestibular Face Fitting
 - 8.2.2. Cementing in Case of Deep Spee Curve
 - 8.2.3. Cementing in Case of Class II Molar
 - 8.2.4. Cementing in Fractured or Abraded Teeth
- 8.3. First Phase: Alignment and Leveling Types of Intrusion
 - 8.3.1. Diet
 - 8.3.1.1. Selection Principles for Alignment Arches
 - 8.3.1.2. Symmetric Crowding Alignment
 - 8.3.1.3. Alignment in Case of Premolar Extraction
 - 8.3.1.4. Alignment in Non-Extraction Cases
 - 8.3.2. Leveling
 - 8.3.2.1. Extrusion Leveling (Relative Intrusion)
 - 8.3.2.2. Intrusion Leveling
- 8.4. Second Phase: Work, Closing Extraction Spaces
 - 8.4.1. Molar Ratio Correction
 - 8.4.1.1. Differential Growth in Class II Patients
 - 8.4.1.2. Differential Anchoring of Extraction Spaces
 - 8.4.1.3. Distalization
 - 8.4.2. Closing Extraction or Residual Spaces
 - 8.4.2.1. Continuous Bow with Locking Handles or DKL Bow
 - 8.4.2.2. Sliding
 - 8.4.3. Overjet and Overbite Correction
 - 8.4.4. Middle Line Centering
- 8.5. Third Phase: Completion Retention Design
 - 8.5.1. Retention Definition
 - 8.5.2. Types of Retainers
 - 8.5.2.1. Fixed Retainers
 - 8.5.2.2. Removable Retainers
 - 8.5.3. Retention Duration
 - 8.5.3.1. Cases Where Retention May Not Be Required
 - 8.5.3.2. Cases Requiring Permanent or Semipermanent Retention
 - 8.5.3.3. Cases Requiring a Variable Retention Period

Module 9. Advanced Treatments in Conventional Orthodontics

- 9.1. Implants and Microscrews as Anchorage
 - 9.1.1. Microscrew Indications and Limitations
 - 9.1.1.1. Main Indications
 - 9.1.1.2. Skeletal Anchorage Limitations and Complications
 - 9.1.2. Clinical and Laboratory Techniques to Improve System Effectiveness and Efficiency: Current Evidence-Based Protocols
 - 9.1.2.1. Implanting Microscrews
 - 9.1.2.2. Activating Microscrews
- 9.2. Surgical and Non-Surgical Aids to Speed Up Movement
 - 9.2.1. Chemical Techniques
 - 9.2.2. Physical Techniques
 - 9.2.3. Surgical Techniques
 - 9.2.4. Micro-Osteoperforation Indications
- 9.3. Impacted Teeth Treatment and Other Eruption Disorders
 - 9.3.1. Non-Erupted or Impacted Teeth
 - 9.3.2. Retained Canines
 - 9.3.3. Treating Other Eruption Disorders
- 9.4. Treating Open Bites: Multi-Loop Technique
 - 9.4.1. Multi-Loop Structure and Function
 - 9.4.2. Multi-Loop Technique Diagnosis
 - 9.4.3. Treating Class III High Angle
 - 9.4.4. Treating Class III Low Angle
 - 9.4.5. Treating Class I Open Bite
 - 9.4.6. Treating Class II Open Bite

Module 10. Multidisciplinary Treatments

- 10.1. Treating Periodontal Patients
 - 10.1.1. Specific Characteristics in Adult Patients
 - 10.1.2. Anatomy of the Periodontium
 - 10.1.3. Multidisciplinary or Interdisciplinary Treatments
 - 10.1.4. Diagnosing Adult Patients and Determining Treatment Goals
 - 10.1.5. Preparing Adult Orthodontic Patients for Orthodontic Treatment
 - 10.1.6. Stripping *Tool* as an Essential Element in Adult Periodontal Patients
 - 10.1.7. A Special Entity: Posterior Bite Collapse in Adult Patients
- 10.2. Treatment and Aesthetics in Anterior Fronts: Orthodontics and Prosthetics
 - 10.2.1. Fundamental Requirements for Successful Occlusal Therapy as Proposed by Dawson
 - 10.2.2. The Six Decisions Affecting the Functional Anatomy Matrix
 - 10.2.3. Previous Guidelines
 - 10.2.4. Fundamental Esthetic Criteria
- 10.3. Orthodontics and Treating SAHS in Children
 - 10.3.1. Anatomy of the Respiratory System
 - 10.3.2. Lymphoid System
 - 10.3.3. General Concepts of Sleep: Sleep and Breathing
 - 10.3.4. Clinical Examination in Children with Suspected SAHS
- 10.4. Orthodontics and Treating SAHS in Adults
 - 10.4.1. Sleep Medicine
 - 10.4.2. Sleep Apnea-Hypopnea Syndrome (SAHS)
 - 10.4.3. Efficacy of Mandibular Advancement Devices (MADs)
 - 10.4.4. Therapy Management and Monitoring Protocol

Module 11. Lingual Orthodontics

- 11.1. History and Introduction to Lingual Equipment
- 11.2. Why Lingual Orthodontics
 - 11.2.1. Review of the Different Global Systems Available
- 11.3. Basic Necessary Materials for Predetermined Systems
 - 11.3.1. Expendable Materials
 - 11.3.2. Non-Expendable Materials
- 11.4. Patient Selection and Records
 - 11.4.1. Characteristics of Lingual Patients
 - 11.4.2. Silicone Impressions: Procedure
 - 11.4.3. Digital Leap: Scanner
 - 11.4.4. Preparing Lab Sheets and Selecting Prescriptions
- 11.5. Keys to Consider in Lingual Orthodontic Treatments
- 11.6. Vestibular vs. Lingual Biomechanical Differences: Apparatus Update for 3 Planes of Space
- 11.7. Laboratory Procedures
 - 11.7.1. Apparatus Manufacturing Using the Hiro System
 - 11.7.1.1. Introduction
 - 11.7.1.2. Step-by-Step Procedure
 - 11.7.1.3. Maxillary Arch
 - 11.7.1.4. Mandibular Arch
 - 11.7.1.5. Using a Full-Arch Arch-Wire
 - 11.7.1.6. Bracket Placement
 - 11.7.1.7. Individual Tray Manufacture
 - 11.7.1.8. Perfecting Bracket Base
 - 11.7.2. Apparatus Manufacturing Using the Incognito™ System
 - 11.7.2.1. Manufacture Process
 - 11.7.2.2. Set-Up
 - 11.7.2.3. Computer-Assisted Bracket Design
 - 11.7.2.4. Prototyping
 - 11.7.2.5. Casting and Quality Control
 - 11.7.2.6. Arch Bending
 - 11.7.2.7. Individual Tray Cementing
- 11.8. Set-Up Receipt and Approval
 - 11.8.1. *Manual* Set-Up
 - 11.8.2. *Digital* Set-Up
- 11.9. Case Reception and Cabinet Preparation
 - 11.9.1. Case Reception
 - 11.9.2. Scheduling Appointments
 - 11.9.3. Table Preparation
- 11.10. Indirect Cementing According to Individual Tray Selection
 - 11.10.1. Indirect Cementing with Transparent Silicone Tray
 - 11.10.2. Indirect Cementing with Opaque Silicone Tray
- 11.11. Type and Use of Basic Ligatures
 - 11.11.1. *Self-Retaining Slot*
 - 11.11.2. Conventional Elastic Ligatures
 - 11.11.3. Metallic Ligatures
 - 11.11.4. *Overtie*
 - 11.11.5. *Steel Overtie*
 - 11.11.6. *Power Tie*
 - 11.11.7. *Elastic Lasso*
 - 11.11.7.1. *Conventional Lasso*
 - 11.11.7.2. *O-Lasso*
 - 11.11.8. *Chicane*
- 11.12. Arch Selection and Placement
 - 11.12.1. Lingual Bracket *Slot* Characteristics
 - 11.12.2. Arch Sequencing
 - 11.12.3. Overextended Arches
 - 11.12.4. Initial Arch Placement and Manipulating the Arch in the Mouth
- 11.13. Prevention, Emergency Solutions and Common Complications
 - 11.13.1. Prevention and Emergency Solutions
 - 11.13.2. Bracket Recementing
 - 11.13.3. Bracket Decementing
- 11.14. Lingual Orthodontics and Periodontics
- 11.15. Lingual Orthodontics and Microscrews
- 11.16. Lingual Orthodontics Retention

Module 12. Orthodontics and Orthognathic Surgery

- 12.1. Introduction and Diagnosis
 - 12.1.1. Esthetic and Functional Treatment Objectives
 - 12.1.2. Age and Opportunity for Treatment
 - 12.1.3. Patient Motives, Demands and Psychology
 - 12.1.4. Clinical Examination
 - 12.1.5. Records Required for Orthognathic Surgery, Sagittal and Frontal Analysis
- 12.2. Temporomandibular Joint
 - 12.2.1. TMJ and Orthodontic Surgery
 - 12.2.2. Centric Relation and Orthognathic Surgery
 - 12.2.3. TMJ Radiographic Study
 - 12.2.4. Progressive Condylar Resorption: Concept, Diagnosis and Management
 - 12.2.5. Condylar Hyperplasia as a Cause of Facial Asymmetries: Concept, Diagnosis and Management
- 12.3. Splints and Orthognathic Surgery
 - 12.3.1. Pre-diagnostic Splint for Joint Pathologies
 - 12.3.2. Pre-surgical Splint to Locate True Hinge Axis
 - 12.3.3. Pre-surgical Splint to Stabilize Condyles and Ligaments
 - 12.3.4. Pre-surgical Splint to Diagnose the Mandibular Midline
- 12.4. Pre-surgical Orthodontics
 - 12.4.1. Diagnosis and Keys
 - 12.4.2. Sagittal Problems
 - 12.4.3. Vertical Problems
 - 12.4.4. Asymmetric Patients
- 12.5. Pre-surgical Planning
 - 12.5.1. Introduction to Cephalometric Predictions
 - 12.5.2. Predicting Treatments: VTO and STO
 - 12.5.3. Dentoalveolar and Gingival Biotype: Need for Grafting?
 - 12.5.4. Bone Movement: Repercussions on Soft Tissues
 - 12.5.5. SARPE: Indications and Limitations

- 12.6. Modeling Surgery
 - 12.6.1. Pre-surgical Working Models
 - 12.6.2. Modeling for Mono-Maxillary Surgery
 - 12.6.3. Modeling for Bi-Maxillary Surgery
 - 12.6.4. Articulator and Axiography
- 12.7. Post-Surgical Treatment and Completion
 - 12.7.1. Immediate Postoperative Surgery
 - 12.7.2. Immediate Postoperative Orthodontics
 - 12.7.3. Post-Surgical Orthodontic Objectives and Case Completion

Module 13. Thermoplastic Orthodontics

- 13.1. Introduction Clear Splints or Dental Aligners
 - 13.1.1. History of Aligners
 - 13.1.2. Current Use of Transparent Retainers
- 13.2. Record Keeping
 - 13.2.1. Prior to Aligner Registrations
 - 13.2.2. Extraoral and Intraoral Photography
 - 13.2.3. Lateral Skull Orthopantomography and Teleradiography
 - 13.2.4. Taking Imprints
 - 13.2.5. Intraoral Scanner
- 13.3. Attachments and Pressure Points
 - 13.3.1. Pressure Points
 - 13.3.2. Introduction to Attachments
 - 13.3.2.1. Optimized Attachments
 - 13.3.2.2. Conventional Attachments
 - 13.3.2.3. Attachment Placement Hierarchy According to the Movement to be Performed per Tooth
 - 13.3.2.4. Usual Movements Preventing Attachment Placement
 - 13.3.2.5. Attachment Placement
- 13.4. Aligner Movements
 - 13.4.1. Introduction to Aligner Movements
 - 13.4.2. Predictable and Unpredictable Aligner Movements
 - 13.4.3. Comparing Different Movement Predictability
 - 13.4.4. Predictable Malocclusions Using Aligners



- 13.5. Reviewing and Correcting the Virtual Video
 - 13.5.1. What Can Be Seen through Virtual Video
 - 13.5.2. How to Proceed upon Receiving the Virtual Video
 - 13.5.3. Modifying the Virtual Video
 - 13.5.4. Indirectly Modifying the Virtual Video

Module 14. Dental Aligner Correction in 3 Planes of Space

- 14.1. Correcting Sagittal Plane Malocclusions
 - 14.1.1. Correcting Sagittal Plane Malocclusions: Class II
 - 14.1.2. Correcting Sagittal Plane Malocclusions: Class III
- 14.2. Correcting Vertical Plane Malocclusions
 - 14.2.1. Overbite
 - 14.2.2. Open Bite
- 14.3. Correcting Transversal Plane Malocclusions
 - 14.3.1. Single-Tooth Crossbite
 - 14.3.2. Unilateral Posterior Crossbite
 - 14.3.3. Bilateral Posterior Crossbite
 - 14.3.4. Scissor Bite
 - 14.3.5. Midline Discrepancy

Module 15. Transparent Splints in Orthognathic and Oral Surgery

- 15.1. Introduction to Preparing Surgical Patients for Transparent Splints
- 15.2. Added Canines
- 15.3. Added Teeth

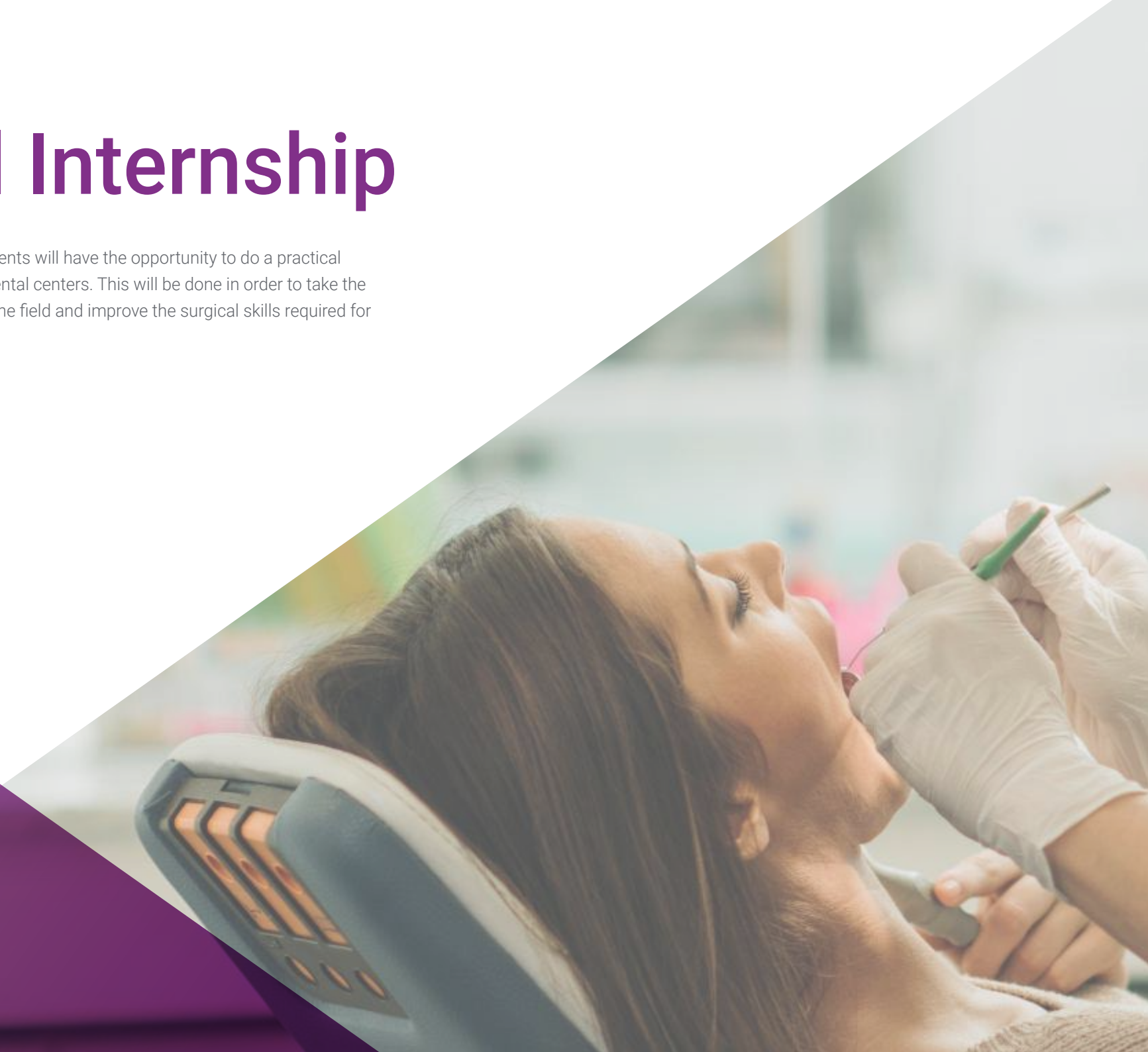
Module 16. Multidisciplinary Thermoplastic Orthodontics and Case Completion

- 16.1. Aligners Together with Other Dental Specialties
- 16.2. Managing Extractions with Thermoplastic Orthodontics
- 16.3. Case Completion
- 16.4. Auxiliary Equipment

06

Clinical Internship

At the end of the online phase, students will have the opportunity to do a practical internship in one of the following dental centers. This will be done in order to take the theoretical knowledge acquired to the field and improve the surgical skills required for dentists.



“

Take a three-week internship at one of these prestigious centers and improve your skills working on real cases”

In this program, students will have the opportunity to complete a minimum of essential activities to improve the abilities and skills necessary to help them make logical treatment plans that integrate all the therapeutic objectives, as well as design and/or prescribe the appropriate mechanics and therapeutic sequence depending on the type of deformity and the individual characteristics of the patient.

The student will actively participate by performing activities and procedures related to each area of competence (learning to learn and learning to do), with the support and guidance of the teachers and other classmates to facilitate teamwork and multidisciplinary integration as transversal competencies for the practice of dentistry (learning to be and learning to relate to others).

The practical procedures described below will be the basis of the clinical internship, and will be subject to the availability of patients and their diagnostic and therapeutic indication, for each one of them, during the stay in the dental clinic. The following is a description of the type of activities that will take place during the stay, ensuring, as a minimum, that each of the processes is carried out at least once:



Module	Practical Activity
Initial Diagnosis	Perform a Systematic Diagnosis in Orthodontics: First Visits and Clinical Histories, Patient Examinations and Corresponding Record-Taking
	Perform a Staged Orthodontic Diagnosis by Planning Mechanotherapy and Appliances
Advanced Diagnosis	Cephalometric Analysis
	3D Diagnosis CBCT y CT
	Diagnosis and Treatment of Habits: Atypical Swallowing, Nutritive and Non-Nutritive Sucking Habits, Oral Breathing, Dyslalia and Others
	Cavities and White Spots Preventive Treatment for Enamel Demineralization
Malocclusions and Dentofacial Deformities Etiology	Diagnosis of Craniofacial Growth and Development
	Differential Diagnosis of Etiological Factors and Causes of Malocclusion
Treatment Plan	Treating Orthodontic Disorders
	Evidence-Based Orthodontics Critical Assessment of Results
	Early Treatment for Malocclusions
	Premolar Therapeutic Extractions
	Stripping <i>Technique</i> as an Alternative to Tooth Extractions
Advanced Clinical Biomechanics	Biomechanics Applied to Orthodontics and Orthopedics: Active Removable Plates
	Bonding Technique of Brackets and Bands: Direct and Indirect Bonding
	Application of Microscrews
Early Dentofacial Orthopedics	Treatments in Deciduous Dentition and Mixed First Phase
	Open Anterior Bite Treatment
	Overbite Treatment

Module	Practical Activity
Late Dentofacial Orthopedics	Treatments in Permanent Dentition: Late Orthopedics
	Class III Treatments
	Open Anterior Bite Treatment (OAB)
	Overbite Treatment
	Child and Adolescent Posterior Crossbite and Transverse Problems
Conventional Orthodontics	Treatments for Stage 2 Mixed and Early Permanent Dentition
	Brackets Luting According to the Type of Malocclusion: Luting in Case of Deep Spee Curve
	Brackets Luting According to the Type of Malocclusion: Luting in Class II Molar Cases
	Brackets Luting According to the Type of Malocclusion: Luting in Fractured or Abraded Teeth
	Symmetric Crowding Alignment
	Alignment in Case of Premolar Extraction
	Alignment in Non-Extraction Cases
	Extrusion Leveling (Relative Intrusion)
	Intrusion Leveling
	Molar Ratio Correction: Distalization
	Closing Extraction or Residual Spaces Sliding
	Overjet and Overbite Correction
	Middle Line Centering
	Use of Fixed and Removable Retainers
	Microscrew Placement and Activation
Physical Techniques to Accelerate Movement	
Impacted Teeth Treatment and Other Eruption Disorders: Impacted or Unerupted Teeth and Retained Canines	

Module	Practical Activity
Multidisciplinary Treatments	Treating Periodontal Patients
	Diagnosing Adult Patients and Determining Treatment Goals
	Treatment and Esthetics Anterior Fronts
	Orthodontics and Treating SAHS in Children
	Orthodontics and Treating SAHS in Adults
Lingual Orthodontics	Apparatus Manufacturing Using the Hiro System
	Maxillary Arch
	Mandibular Arch
	Use of a Full-Arch Archwire
	Individual Tray Manufacture
	Perfecting Bracket Base
	Apparatus Manufacturing Using the Incognito™ System
	Set-Up Receipt and Approval: Manually and Digitally
	Case Reception and Cabinet Preparation
	Indirect Cementing with Transparent Silicone Tray
	Indirect Cementing with Opaque Silicone Tray
	Use of Ligatures: <i>Self-Retaining Slot, Conventional Elastic Bandage, Elastic, Metal Bandage, Overtie, Steel Overtie, Power Tie, Elastic Lasso, Chicane</i>
	Selection and Initial Arch Placement and Manipulating the Arch in the Mouth
	Emergency Solutions: Brackets Recementing and Brackets Debonding
	Lingual Orthodontics and Periodontics
	Lingual Orthodontics and Microscrews
	Lingual Orthodontics Retention

Module	Practical Activity
Thermoplastic Orthodontics	Extraoral and Intraoral Photography
	Rx Lateral Skull Orthopantomography and Teleradiography
	Use of the Intraoral Scanner
	Placement of Attachments and Pressure Points: Optimized and Conventional Attachments
Dental Aligner Correction in 3 Planes of Space	Correcting Sagittal Plane Malocclusions: Class II
	Correcting Sagittal Plane Malocclusions: Class III
	Correcting Vertical Plane Malocclusions: Overbite and Open Bite
	Transverse Plane Malocclusion Correction: Single-Tooth Crossbite, Unilateral Posterior, Bilateral Posterior, Scissor Bite



The best way to learn, complete the practical training and strengthen your dentist skills”



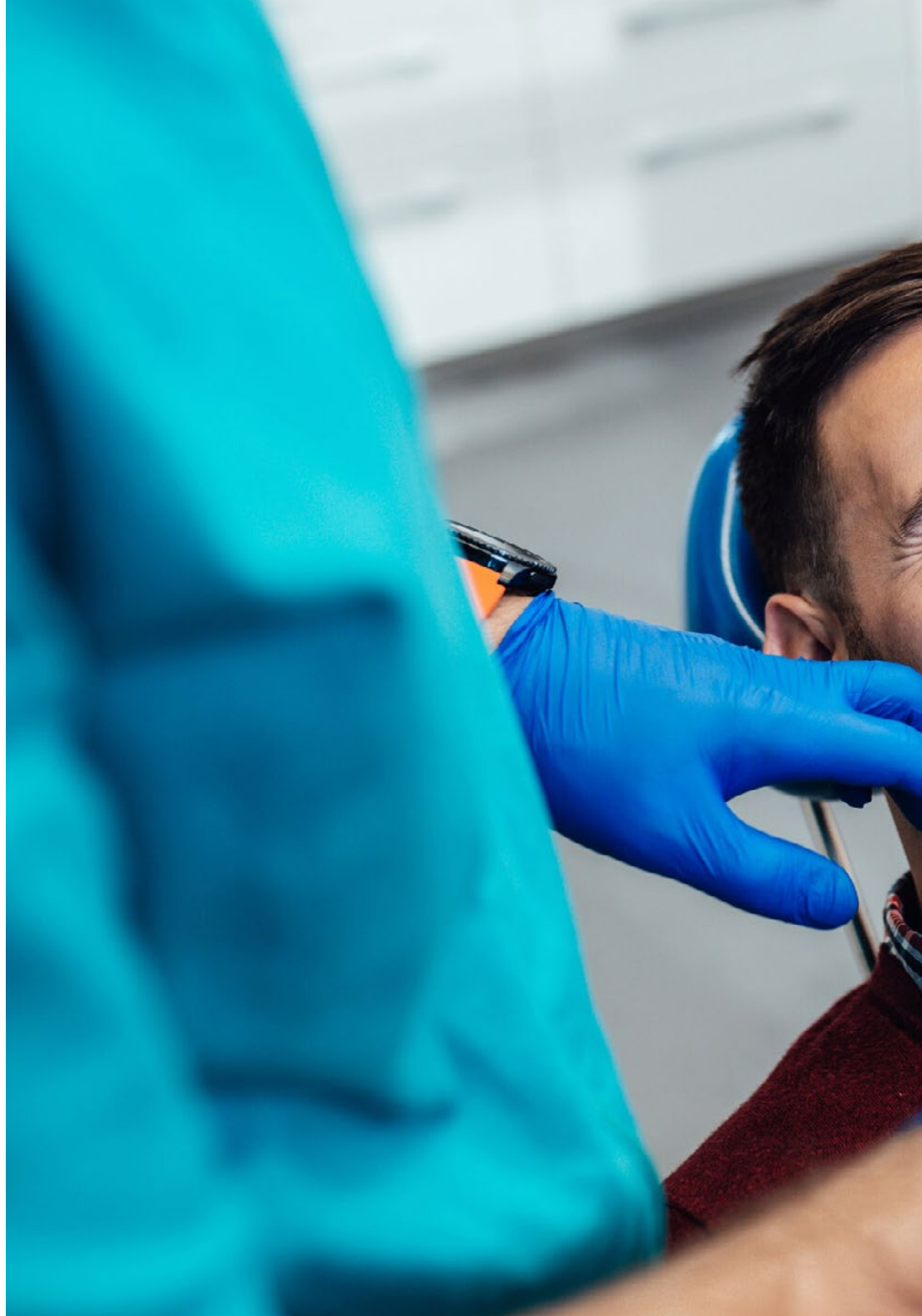
Material Resources and Services

The dental clinics that make up this program are equipped with the most cutting-edge tools available in the current health system. During the internship, professionals will have access to state-of-the-art equipment in the services related to the internship.

These materials will be available to students, and they will have access to them throughout the program, allowing them to carry out the processes and procedures with which they will learn the fundamentals of this area of work.

The materials and supplies to which they will have access will be the same as those available in the different services as part of the processes and procedures carried out in each of the services and work areas.

*These resources and materials may vary depending on the training center.





Liability and Accident Insurance

The university's main concern is to guarantee the safety of both the interns and the clients, as well as other collaborating agents required for the practical training processes at the center.

Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process. To this end, the university agrees to take out civil liability and accident insurance to cover any eventuality that may arise during the internship at the center.

This liability policy for interns shall have broad coverage and shall be taken out prior to the start of the practical internship period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.

General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program shall be as follows:

1.- TUTOR: A clinical tutor will be assigned, who will accompany the student during the whole process in the institution where the internship is carried out. This tutor will be a member of our team, and will aim to guide and support the professional at all times. On the other hand, an academic tutor will also be assigned by TECH. This tutor will be a member of our team and their role will be to coordinate and help the professional during the whole process, resolving doubts and facilitating everything they may need, so that the Internship Program can be properly completed. In this way, they will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

2.- DURATION: The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

3.- DOES NOT INCLUDE: The Internship Program will not include any element not described in the present conditions, for example: accommodation, transportation to the city where the internship takes place, visas or any other items not listed. However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

4.- ABSENCE: If the professional does not show up on the start date of the Internship Program, they will lose the right to it, without the possibility of reimbursement or change of dates established for the period of the Internship Program. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship and, therefore, automatic termination of the internship. Any problems that may arise during the course of the course must be urgently reported to the academic tutor.





5.- CERTIFICATION: Professionals who pass the Internship Program tests will receive a certificate accrediting their Internship Program. This certificate may be issued with an apostille at the student's request.

6.- EMPLOYMENT RELATIONSHIP: The Internship Program shall not constitute an employment relationship of any kind.

7.- VISITING PROFESSIONALS: Professionals whose previous studies, required to take the Internship Program, were not recognized, or who, having completed the required education, are not in possession of the degree or a certifying document, may only be considered "visiting interns" and may only obtain the Internship Program certificate when they can prove the completion of the required previous studies.



Receive specialized education in a center that can offer you all these possibilities, with an innovative academic program and a human team that will help you grow as a professional"

07

Where Can I Do the Clinical Internship?

This program has different specialized centers that are distributed in different parts of the country. TECH offers students the best program for training in a booming dental sector, in addition to providing an enriching and competitive experience:



A close-up photograph of dental pliers, showing the curved, serrated jaws. The background is a soft-focus mix of warm tones like orange and pink, overlaid with geometric shapes in shades of purple and white.

“

These dental centers have the best equipment and professionals to help students improve their work practice”

The student may take this training at these centers:

Spain

Palmaclinic
(Madrid, Spain)

[Visit the website](#)



Clínica Go Gaztambide
(Madrid, Spain)

[Visit the website](#)



Centro Torre Dental
(Madrid, Spain)

[Visit the website](#)



Dental y Beauty S.L.
(Granada, Spain)

[Visit the website](#)



Spain

Clínica Dental Cotrina
(Madrid, Spain)



[Visit the website](#)

Clínica Médico
Dental Odonnell
(Madrid, Spain)



[Visit the website](#)

Clínica Max Dental
(Madrid, Spain)



[Visit the website](#)



At TECH, you will experience a way of learning that is shaking the foundations of traditional universities around the world"

08

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Re-learning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





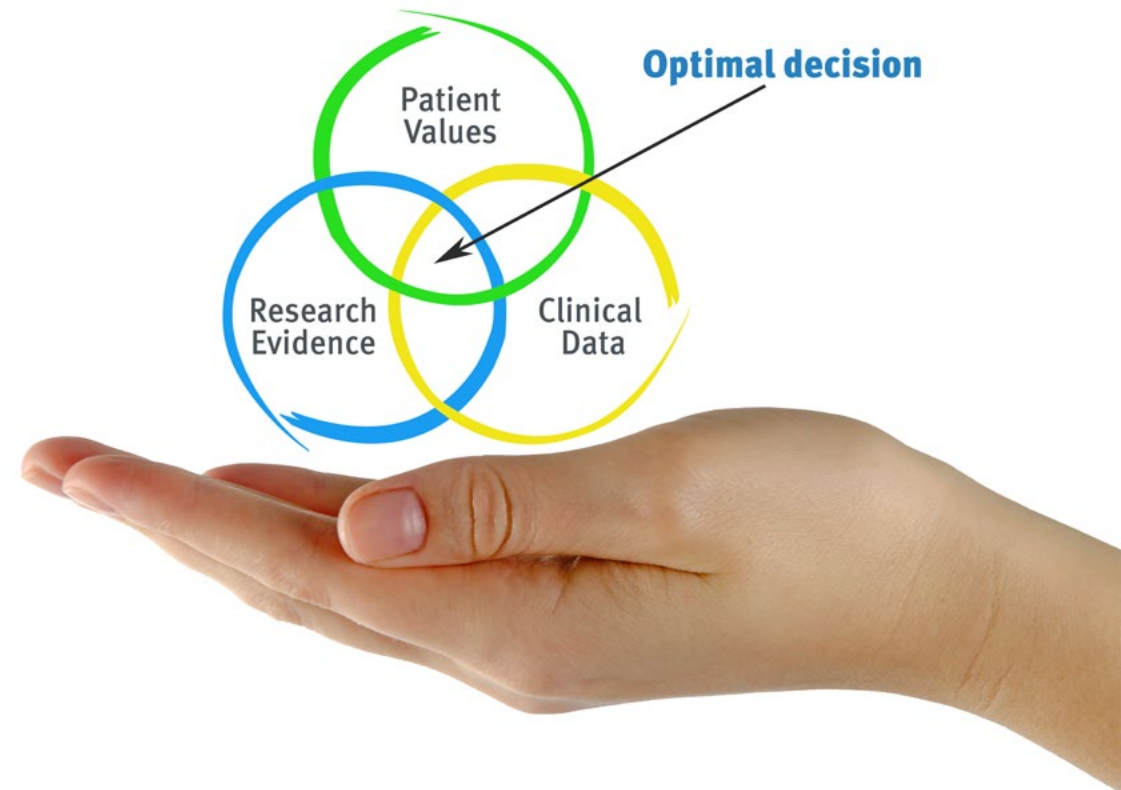
“

Discover Re-learning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the dentist's professional practice.

“

Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. Dentists who follow this method not only grasp concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply their knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.



The student will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.

At the forefront of world teaching, the Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 115,000 dentists with unprecedented success, in all specialties regardless of the workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Re-learning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances, and to the forefront of medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

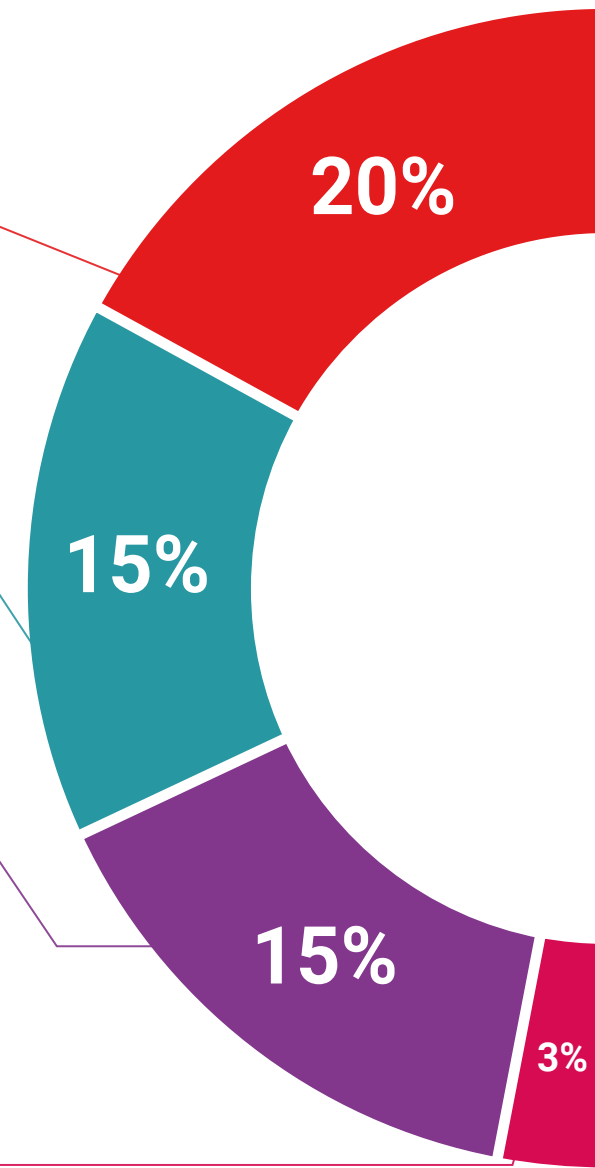
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises: so that they can see how they are achieving your goals.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



09

Certificate

The Hybrid Professional Master's Degree in Orthodontics and Dentofacial Orthopedics guarantees, in addition to the most rigorous and up-to-date training, access to a qualification issued by TECH Technological University.





“

Successfully complete this program and receive your university degree without travel or cumbersome paperwork”

After the student has passed the assessments, they will receive their corresponding Hybrid Professional Master's Degree diploma issued by **TECH Technological University** via tracked delivery*.

In addition to the Certificate, students will be able to obtain an academic transcript, as well as a certificate outlining the contents of the program. In order to do so, students should contact their academic advisor, who will provide them with all the necessary information.

Title: **Hybrid Professional Master's Degree in Orthodontics and Dentofacial Orthopedics**

Course Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months.**

Certificate: **TECH Technological University**

Teaching Hours: **1,500 + 120 hours.**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present
development languages
virtual classroom



Hybrid Professional
Master's Degree
Orthodontics and
Dentofacial Orthopedics

Course Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months.

Certificate: TECH Technological University

Teaching Hours: 1,500 + 120 hours.

Hybrid Professional Master's Degree Orthodontics and Dentofacial Orthopedics

