

Master's Degree

Implantology and Oral Surgery





Master's Degree Implantology and Oral Surgery

- » Modality: online
- » Duration: 12 months.
- » Certificate: TECH Global University
- » Accreditation: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitude.com/us/dentistry/master-degree/master-degree-implantology-oral-surgery

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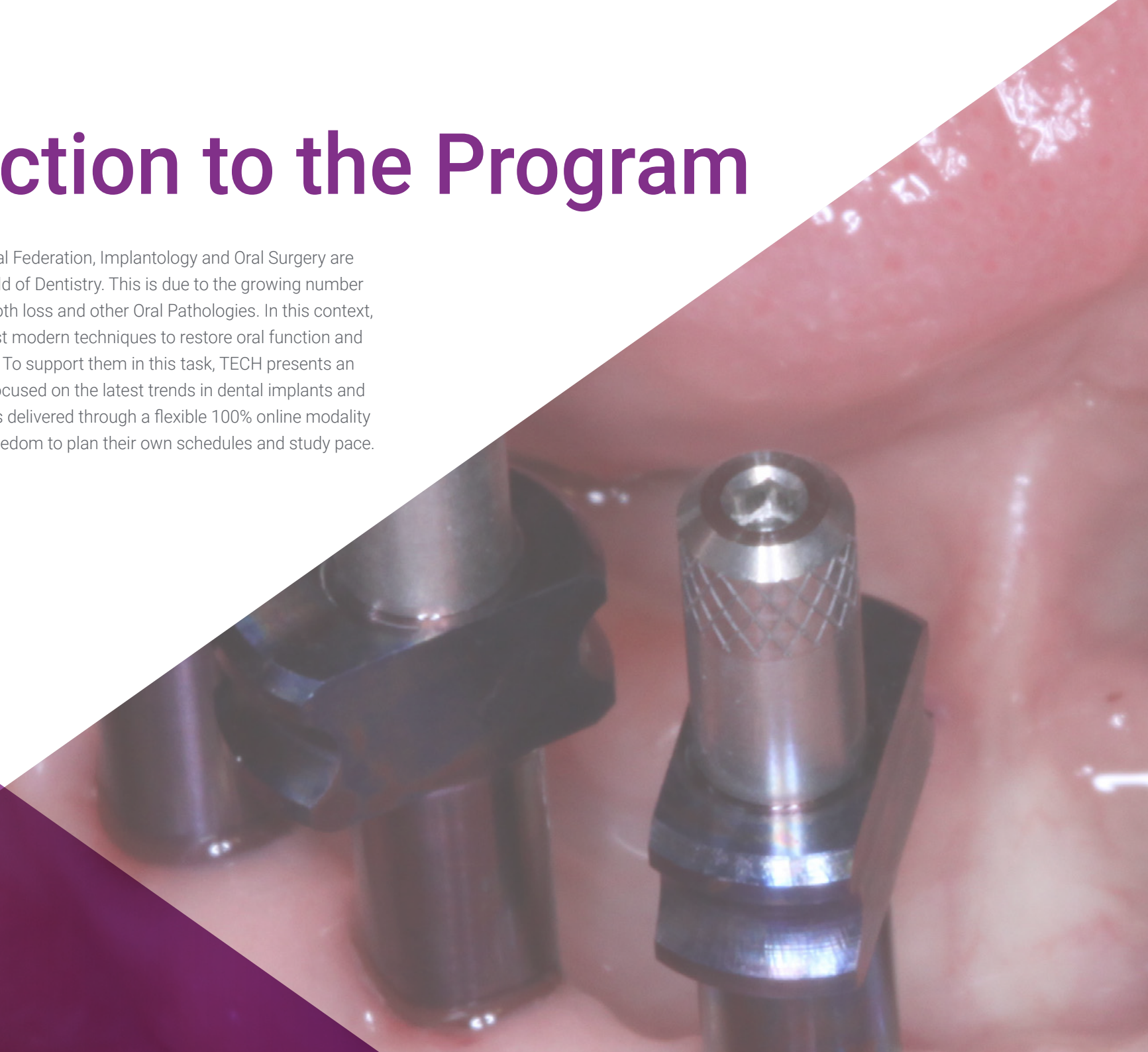
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01

Introduction to the Program

According to the International Dental Federation, Implantology and Oral Surgery are areas of high demand within the field of Dentistry. This is due to the growing number of patients seeking solutions for tooth loss and other Oral Pathologies. In this context, professionals must master the most modern techniques to restore oral function and aesthetics with long-lasting results. To support them in this task, TECH presents an innovative university qualification focused on the latest trends in dental implants and surgical procedures. In addition, it is delivered through a flexible 100% online modality that provides graduates with the freedom to plan their own schedules and study pace.



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Thanks to this fully online Master's Degree, you will master the most innovative techniques in Implantology and Oral Surgery to optimize patients' long-term overall well-being”

Implantology and Oral Surgery are fundamental pillars of modern Dentistry, as they are essential for resolving complex cases and restoring oral function. However, the constant evolution of materials and surgical techniques presents a significant challenge for professionals. For this reason, experts must remain at the forefront of the latest advances in this field to ensure personalized dental interventions. Only in this way can specialists significantly enhance patients' long-term quality of life.

In this context, TECH launches a pioneering program in Implantology and Oral Surgery. Designed by leading figures in this field, the academic pathway will explore the use of cutting-edge technological tools such as image-guided interventions. Likewise, the syllabus will examine the most modern diagnostic techniques to facilitate the early identification of complex conditions such as Periapical Lesions. In addition, the didactic materials will present the most up-to-date surgical protocols adapted to each clinical scenario, incorporating regenerative strategies that promote optimal bone integration. In this way, graduates will develop advanced clinical skills to carry out implantological treatments with precision, safety, and a personalized approach.

Furthermore, the university program is delivered entirely online, allowing dentists to establish their own schedules. In this regard, graduates will only need an electronic device with internet access to enter the Virtual Campus. Additionally, TECH employs its disruptive Relearning system, which facilitates the assimilation of key concepts through natural and progressive repetition.

Moreover, a renowned International Guest Director will deliver ten high-intensity Masterclasses.

This **Master's Degree in Implantology and Oral Surgery** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in Implantology and Oral Surgery
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Special emphasis on innovative methodologies in Implantology and Oral Surgery
- ♦ Theoretical lessons, questions for experts, discussion forums on controversial issues and individual reflection work
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



You will master the anatomical, biomechanical, and surgical foundations required for advanced practice in oral implantology"

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You will acquire clinical skills to perform surgical procedures such as maxillary sinus elevation and bone grafts”

The teaching faculty includes professionals from the field of implantology and oral surgery, who contribute to this program the practical experience gained in their professional practice, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will enable professionals to engage in situated and contextualized learning—namely, a simulated environment that provides immersive study designed to prepare them for real clinical scenarios.

This program is designed around Problem-Based Learning, whereby the student must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts.

You will evaluate potential surgical and prosthetic complications, applying updated management protocols.

A curriculum based on the revolutionary Relearning methodology, which will help you consolidate complex concepts efficiently.



02

Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs, available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it has a huge faculty of more than 6,000 professors of the highest international prestige.



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Study at the largest online university in the world and ensure your professional success. The future begins at TECH”

The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.



The most complete syllabuses on the university scene

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

A unique learning method

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

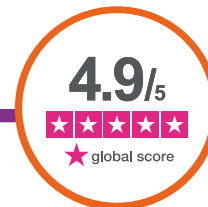
Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.



Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.



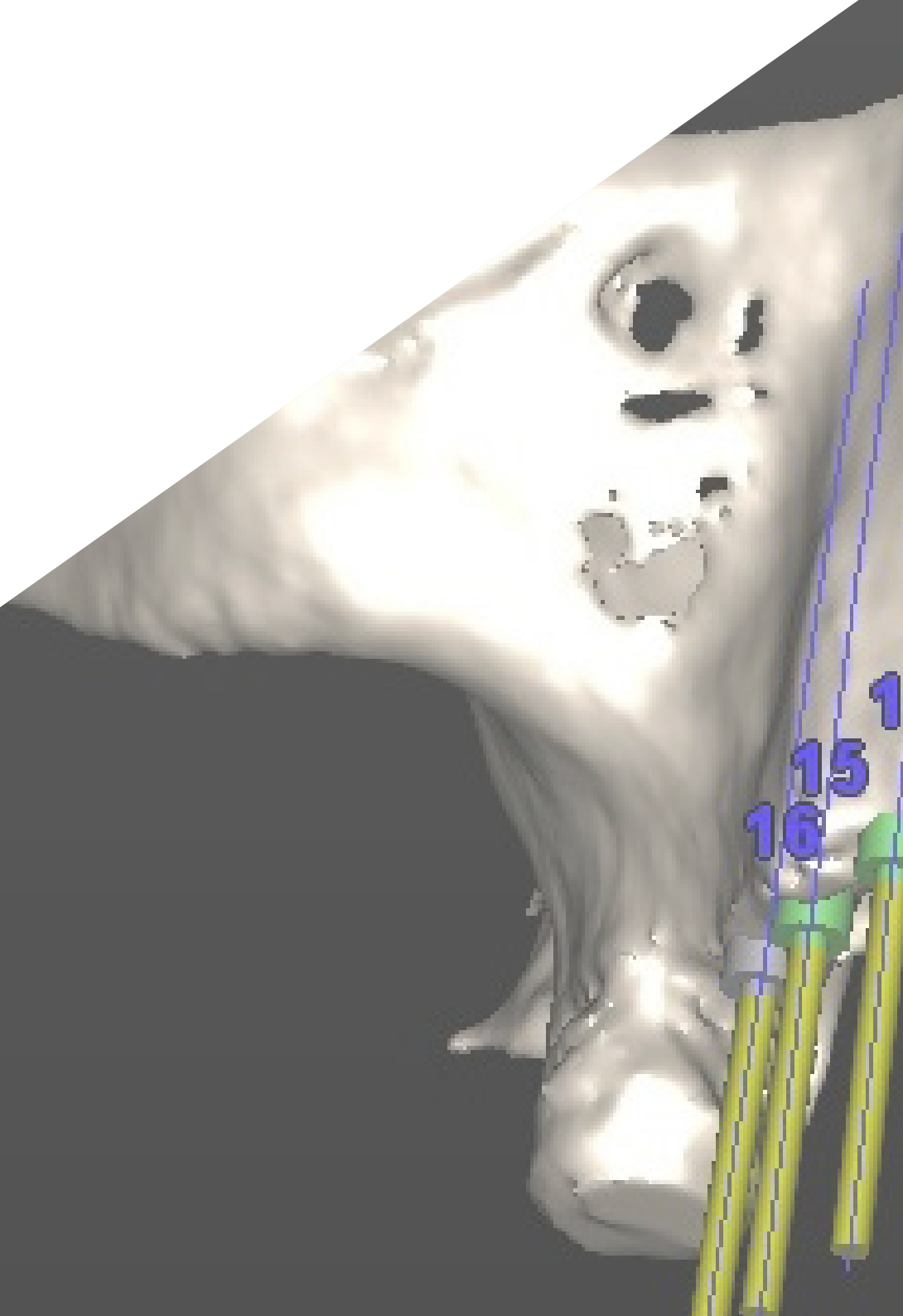
The top-rated university by its students

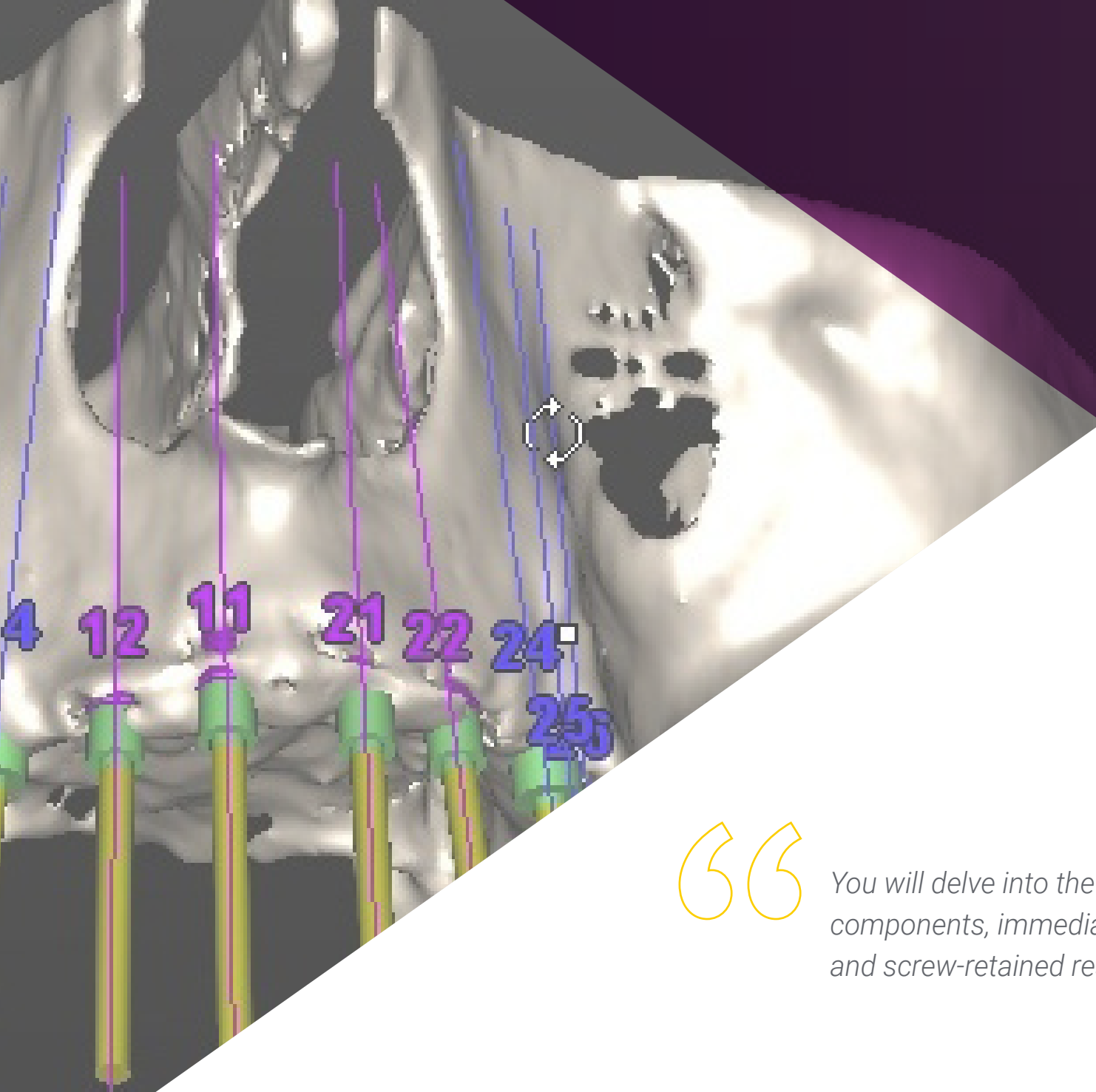
Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.



03 Syllabus

The syllabus of this Master's Degree has been carefully designed by a team of experts in Implantology and Oral Surgery. The syllabus covers everything from the fundamentals of diagnosis and planning to the most advanced surgical techniques and prosthetic rehabilitation. As such, graduates will master the most innovative dental procedures and offer personalized therapies to their patients. Likewise, the program explores the management of complications and the application of periodontics in implant patients, enabling graduates to ensure safe interventions.





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You will delve into the selection of prosthetic components, immediate loading techniques, and screw-retained restorations”

Module 1. Diagnosis

- 1.1. Clinical History: First Visit, Anamnesis and Patient Expectations
- 1.2. Medical Assessment of the Surgical Patient
 - 1.2.1. Complementary Tests in Implantology and Oral Surgery
- 1.3. Patients with Risk Diseases in Implantology and Surgery: Medical Considerations and Dental Management
 - 1.3.1. Diabetic Patients
 - 1.3.2. The Immunocompromised Patient
 - 1.3.3. The Anticoagulated Patient
 - 1.3.4. The Medically Compromised Patient: Bisphosphonates
- 1.4. Anesthetic Techniques in Surgery and Implantology
 - 1.4.1. Pharmaceuticals
 - 1.4.2. Locoregional Anesthesia Techniques in Surgery and Implantology
- 1.5. Sedation and General Anesthesia

Module 2. Oral Surgery Pathology

- 2.1. Tooth Retention
 - 2.1.1. Concept, Etiology and Possible Treatment
- 2.2. Third Molar Included
 - 2.2.1. Pathology and Clinical Manifestations
 - 2.2.2. Diagnosis and Treatment
- 2.3. Pathology and Treatment of Included Canines
 - 2.3.1. Diagnosis
 - 2.3.2. Surgical Treatment
 - 2.3.3. Surgical-Orthodontic Treatment
- 2.4. Pre-Prosthetic Surgery. Techniques on Soft and Hard Tissue
 - 2.4.1. Techniques on Soft Tissue
 - 2.4.2. Techniques on Hard Tissue
- 2.5. Periapical Surgery
 - 2.5.1. Materials
 - 2.5.2. Techniques

Module 3. Implant Planning

- 3.1. Extraoral and Intraoral Examination
 - 3.1.1. Extraoral Examination: Symmetry, Facial Thirds, Extraoral Aesthetic Parameters
 - 3.1.2. Intraoral Examination: Hard Tissue, Soft Tissue, Occlusion and TMJ
- 3.2. Impression Taking and Study Models in Implantology
 - 3.2.1. Impression Materials and Techniques in Implant Diagnosis
 - 3.2.2. Facebow and Mounting in Semi-Adjustable Articulator
- 3.3. Diagnostic Waxing and Radiological Splints
 - 3.3.1. Waxing Techniques and Clinical Considerations
 - 3.3.2. Radiological Splints: Classification and Fabrication in the Laboratory
- 3.4. Radiological Diagnosis in Implantology
 - 3.4.1. Classification of Techniques
 - 3.4.2. 2D Planning
 - 3.4.3. Cone-Beam Computed Tomography (CBCT): Planning Software
- 3.5. Photographic Records in Implantology
- 3.6. Treatment Plan Presentation. Strategies

Module 4. Implantology and Osseointegration

- 4.1. Historical Review and Generic Terminology of Dental Implants
 - 4.1.1. Evolution of Implantology up to the Twenty-First Century
 - 4.1.2. Generic Terminology of Dental Implants: Components and Nomenclature
- 4.2. Biology of Osseointegration
 - 4.2.1. Inflammatory Phase
 - 4.2.2. Proliferative Phase
 - 4.2.3. Maturation Phase
 - 4.2.4. Contact and Distance Osteogenesis
- 4.3. Anatomy in Implantology
 - 4.3.1. Anatomy of the Maxilla
 - 4.3.2. Anatomy of the Mandible
- 4.4. Histology of Bone Tissue, the Periodontium, and Peri-Implant Tissue
- 4.5. Bone Availability in Implantology
- 4.6. Preparation of the Surgical Field, Sterilization Protocols, and Premedication
 - 4.6.1. Operatory Preparation
 - 4.6.2. Patient Surgical Asepsis: Premedication
 - 4.6.3. Surgical Asepsis of the Surgeon and Assistants

Module 5. Basic Surgical Technique in Implantology

- 5.1. Incision Techniques in Implantology
 - 5.1.1. Incisions in the Fully Edentulous Patient
 - 5.1.2. Incisions in the Partially Edentulous Patient
 - 5.1.3. Incisions in the Aesthetic Sector
 - 5.1.4. Incisions in Guided Bone Regeneration Techniques
 - 5.1.5. *Flapless*
- 5.2. Surgical Instruments. Elevation, Retraction, and Bone Shaping
- 5.3. Drilling Techniques in Implantology
 - 5.3.1. Drills and Components of Surgical Trays
 - 5.3.2. Sequential Drilling
 - 5.3.3. Biological Drilling
- 5.4. One-Stage and Two-Stage Implants
- 5.5. Suturing in Implantology
 - 5.5.1. Suturing Instruments and Materials
 - 5.5.2. Suturing Techniques

Module 6. Biomaterials and Guided Bone Regeneration

- 6.1. Types of Bone Grafts and Biological Mechanisms of Bone Formation
 - 6.1.1. Classification, Advantages, and Disadvantages
 - 6.1.2. Osteogenesis, Osteoconduction, and Osteoinduction
- 6.2. Autologous Bone Grafts: Chin and Mandibular Ramus
- 6.3. Other Biomaterials in Bone Regeneration
 - 6.3.1. Homologous Grafts
 - 6.3.2. Heterologous Grafts
 - 6.3.3. Alloplastic Grafts
 - 6.3.4. Platelet-Rich Growth Factors
- 6.4. Membranes in Guided Bone Regeneration
 - 6.4.1. Non-Resorbable Membranes
 - 6.4.2. Resorbable Membranes

Module 7. Maxillary Sinus Elevation

- 7.1. Diagnosis and Anatomical Review of the Maxillary Sinus
- 7.2. Crestal Approach Sinus Elevation Technique
 - 7.2.1. Sinus Elevation Using the Osteotome Technique
 - 7.2.2. Minimally Invasive Crestal Sinus Elevation
 - 7.2.2.1. Atraumatic Drilling Kits
 - 7.2.2.2. Balloon Technique
- 7.3. Lateral Approach Sinus Elevation Technique
 - 7.3.1. Description of the *Step-by-Step* Technique
 - 7.3.2. Piezoelectric Systems
 - 7.3.3. Biomaterials in Maxillary Sinus Elevation

Module 8. Immediate Implantology

- 8.1. Post-Extraction Implants
 - 8.1.1. Surgical Aspects of Immediate Implants
 - 8.1.1.1. Immediate Implant
 - 8.1.1.2. Early Implant
- 8.2. Immediate Implants in Posterior Areas
- 8.3. Immediate Aesthetics
 - 8.3.1. Emergence Profile Transfer
 - 8.3.2. Immediate Provisional Implants

Module 9. Advanced Surgical Techniques in Implantology

- 9.1. Ridge Expansion
 - 9.1.1. Ridge Expansion with Manual Instruments
 - 9.1.2. Ridge Expansion with Motorized Expanders
- 9.2. Pterygoid Implants
- 9.3. Zygomatic Implants
- 9.4. Implant Treatment Without Grafting
 - 9.4.1. Short Implants
 - 9.4.2. Narrow Implants
 - 9.4.3. Angulated Implants

Module 10. Periodontology Applied to Implantology Treatment

- 10.1. Basic Concepts of Periodontics Applied to a Patient With Implants
 - 10.1.1. Periodontal Diagnosis
 - 10.1.2. Prognosis and Treatment Plan
- 10.2. Mucogingival Procedures to Increase Keratinized Tissue
 - 10.2.1. Free Gingival Grafting
 - 10.2.2. Bilaminar Grafts
- 10.3. Mucogingival Procedures to Increase Connective Tissue Volume
 - 10.3.1. Subepithelial Free Grafts
 - 10.3.2. Pedicled Grafts
- 10.4. Techniques for Preserving the Alveolar Ridge
- 10.5. Maintenance in Implantology
 - 10.5.1. Hygiene Techniques
 - 10.5.2. Revisions and Maintenance in Implantology

Module 11. Implant-Supported Prosthesis

- 11.1. Restoration as a Guide to Global Implantology Treatment
 - 11.1.1. Nomenclature
- 11.2. Impression Taking in Implantology. Work Models
 - 11.2.1. Impression Materials in Implantology
 - 11.2.2. Impression Techniques: Open or Closed Cuvette Impressions
 - 11.2.3. Pouring Impressions and Obtaining the Working Model
- 11.3. Selection of Abutments in Implantology
 - 11.3.1. Preformed Abutments
 - 11.3.2. Castable Abutments
 - 11.3.3. CAD/CAM Abutments
 - 11.3.4. Direct-to-Implant Prosthesis or Prosthesis on Transmucosal Abutments
- 11.4. Materials for Implant-Supported Prostheses
 - 11.4.1. Metal–Ceramic Prosthesis
 - 11.4.2. Metal–Resin Prosthesis
 - 11.4.3. Zirconia Prosthesis

- 11.5. Screw-Retained Prosthesis vs. Cemented Prosthesis
 - 11.5.1. Indications
 - 11.5.2. Advantages and Disadvantages
- 11.6. Shade Selection
 - 11.6.1. Shade Map, Shade Guides, and Colorimeters
 - 11.6.2. Shade-Taking Technique
- 11.7. Clinical Sequence of Implant-Supported Prosthesis in Single Crowns and Partial Bridges

Module 12. Implant-Supported Prosthesis in the Fully Edentulous Patient

- 12.1. Treatment Options for a Fully Edentulous Patient
 - 12.1.1. Key Implant Positions
- 12.2. Complete Removable Rehabilitations
 - 12.2.1. Concept
 - 12.2.2. Overdenture with Single Anchors
 - 12.2.3. Bar-Retained Overdentures
 - 12.2.4. Clinical Sequence of Implant Prostheses in Fully Edentulous Patients Treated with Overdentures
- 12.3. Complete Fixed Restorations with Hybrid Prosthesis
 - 12.3.1. Concept
 - 12.3.2. Materials: Metal–Composite Fixed Prosthesis and Metal–Resin Fixed Prosthesis
 - 12.3.3. Clinical Sequence of Implant-Supported Prosthesis in Fully Edentulous Patients Treated with a Hybrid Prosthesis
- 12.4. Full Fixed Rehabilitations with Fixed Prosthesis
 - 12.4.1. Concept
 - 12.4.2. Materials: Metal–Ceramic–Zirconia
 - 12.4.3. Clinical Sequence of Implant-Supported Prosthesis in Fully Edentulous Patients Treated with Fixed Prosthesis

Module 13. Implant-Supported Prosthesis in the Anterior Aesthetic Zone

- 13.1. Problems of the Anterior Single Tooth
- 13.2. Aesthetics in Oral Rehabilitation with Dental Implants
 - 13.2.1. Pink Aesthetics
 - 13.2.2. White Aesthetics
- 13.3. Aesthetic Parameters in Implantology
 - 13.3.1. Tooth Shape, Color, and Size
 - 13.3.2. Gingival Symmetries
- 13.4. Prosthodontic Management of the Immediate Postextraction Implant
 - 13.4.1. Indications and Contraindications
 - 13.4.2. Management of Provisionals in the Anterior Aesthetic Zone
 - 13.4.3. Prosthodontic Aspects of Immediate Provisionalization in Single Teeth: Immediate Aesthetics

Module 14. Computer-Guided Surgery and Immediate Loading

- 14.1. Introduction and General Considerations in Immediate Loading
 - 14.1.1. Parameters and Patient Selection for Immediate Loading
- 14.2. Computer-Guided Surgery
 - 14.2.1. Guided Surgery Software
 - 14.2.2. Guided Surgery Templates: Mucosa-, Tooth-, and Bone-Supported
 - 14.2.3. Surgical Components Adapted to Computer-Guided Surgery
 - 14.2.4. Surgical Technique in Computer-Guided Surgery
- 14.3. Transitional Implants, Implants as Anchorage in Orthodontics, and Mini-Implants
 - 14.3.1. Transitional Implants
 - 14.3.2. Mini-Screws and Orthodontic Anchorage Using Dental Implants
- 14.4. Prosthodontic Aspects of Immediate Loading
 - 14.4.1. Immediate Loading in Single Implants
 - 14.4.2. Differential Aspects Between Single Cases and Partial Cases
 - 14.4.3. Immediate Loading in Fully Edentulous Cases

Module 15. Occlusion in Implantology

- 15.1. Occlusal Patterns in Implantology
 - 15.1.1. Occlusion in the Fully Edentulous Patient
 - 15.1.2. Occlusion in the Partially Edentulous Patient
- 15.2. Occlusal Splints
- 15.3. Occlusal Adjustment and Selective Grinding

Module 16. Complications in Implantology

- 16.1. Emergencies and Complications in Implant Surgery: What They Are and How to Resolve Them
 - 16.1.1. Immediate Complications
 - 16.1.2. Late Complications
- 16.2. Prosthetic Complications in Implantology
- 16.3. Biological Complications: Peri-Implantitis
 - 16.3.1. Concept
 - 16.3.2. Diagnosis
 - 16.3.3. Non-Surgical and Surgical Treatment
 - 16.3.4. Informed Consent and Legal Implications



You will be highly prepared to manage peri-implant infections, mechanical failures, and even surgical errors"

04

Teaching Objectives

This university program from TECH Global University will equip professionals with advanced skills to apply the latest developments in Implantology and Oral Surgery. In this way, graduates will master the most innovative surgical techniques, with an approach grounded in safety and the latest scientific evidence. Likewise, specialists will be qualified to integrate digital technologies throughout the entire clinical process, from imaging diagnosis to the planning and execution of guided surgeries. As a result, they will design functional, aesthetic, and durable prosthetic rehabilitations.



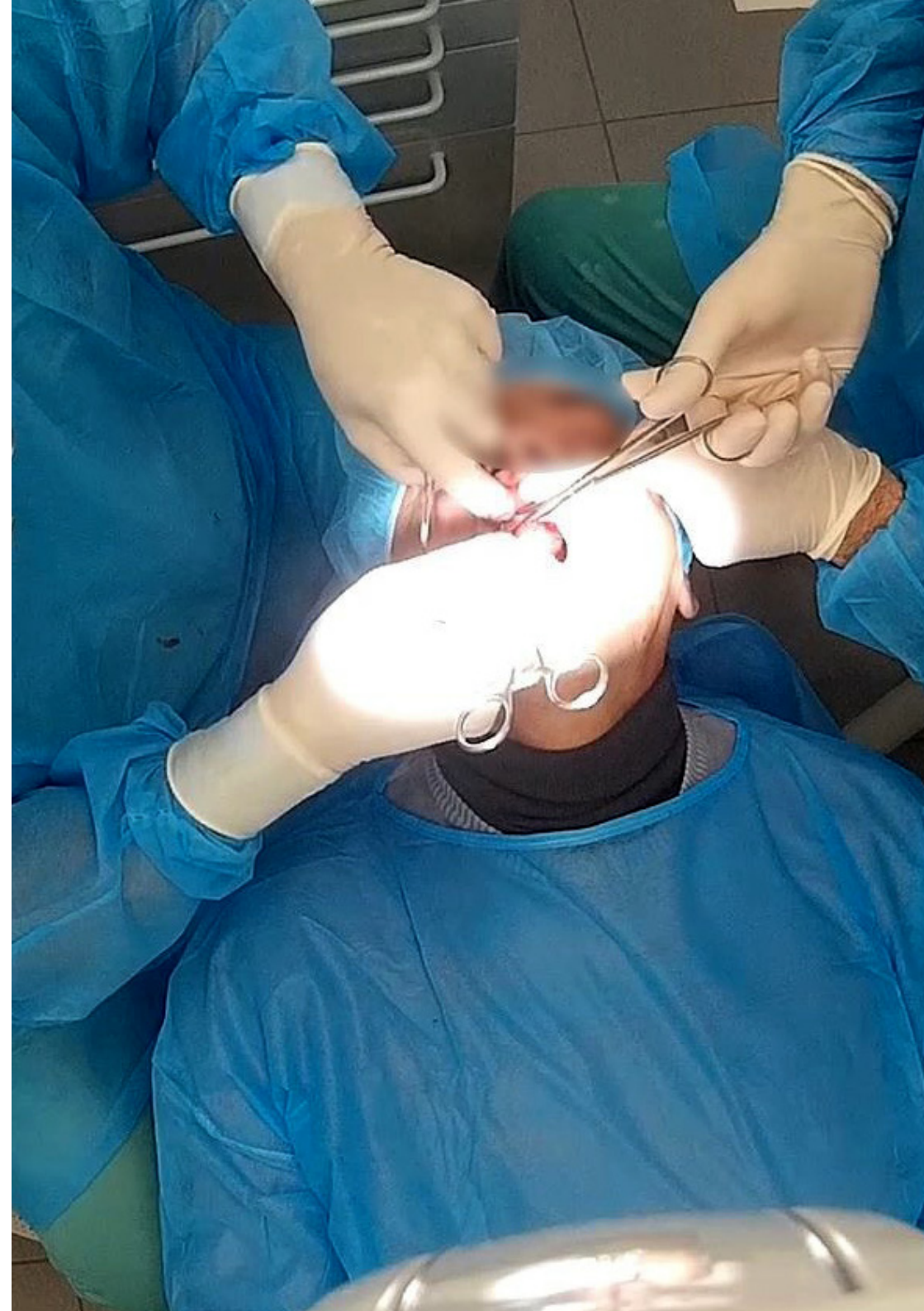
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You will use state-of-the-art digital tools to plan highly personalized implant treatments”



General Objectives

- ♦ Master the anatomical, biomechanical, and physiological principles applicable to Implantology and Oral Surgery
- ♦ Acquire advanced competencies in clinical and radiological diagnosis of pathologies that require surgical intervention
- ♦ Plan personalized implant treatments using digital tools and guided surgery systems
- ♦ Apply updated surgical techniques for implant placement in both simple and complex cases
- ♦ Incorporate bone and tissue regeneration procedures in the treatment of patients with anatomical deficiencies
- ♦ Identify and manage surgical and prosthetic complications in Implantology
- ♦ Select biomaterials and prosthetic components appropriately according to each patient's clinical needs
- ♦ Integrate surgical treatment with functional and aesthetic oral rehabilitation





Specific Objectives

Module 1. Diagnosis

- ♦ Explain the correct process for conducting the pre-surgical medical history
- ♦ Identify the surgical procedure to follow once the exams are completed
- ♦ In-depth analysis of the most common diseases that occur in the oral cavity
- ♦ Assist the patient in the event of a medical emergency
- ♦ Perform analytical processes for accurate medical diagnoses that serve as the starting point for the surgical procedure

Module 2. Oral Surgery Pathology

- ♦ Establish the concept, etiology, and various therapeutic options for dental impactions
- ♦ Identify the pathology and clinical manifestations associated with impacted third molars
- ♦ Apply appropriate diagnostic methods for the detection of impacted canines
- ♦ List and describe the various surgical techniques on soft tissues for pre-prosthetic purposes
- ♦ Understand the different materials used in periapical surgery procedures

Module 3. Implant Planning

- ♦ Perform a thorough extraoral and intraoral examination
- ♦ Select materials and apply suitable impression techniques to obtain precise study models for implant diagnosis
- ♦ Apply diagnostic waxing techniques while considering clinical implications, and fabricate radiological guides according to their classification for implant planning
- ♦ Select the appropriate radiological technique according to the classification
- ♦ Perform systematic photographic records relevant for documentation and planning in implantology
- ♦ Develop effective strategies for presenting the implant treatment plan to the patient

Module 4. Implantology and Osseointegration

- ♦ Describe the evolution of Implantology up to the twenty-first century
- ♦ Explain the phases of osseointegration (inflammatory, proliferative, and maturation) and differentiate between contact and distance osteogenesis
- ♦ Identify the relevant anatomical structures of the maxilla and mandible
- ♦ Describe the histology of bone tissue, the periodontium, and peri-implant tissue
- ♦ Evaluate the patient's bone availability as a determining factor in implant treatment planning
- ♦ Apply appropriate protocols for the preparation of the surgical room, patient asepsis, and asepsis of the surgeon and assistants

Module 5. Basic Surgical Technique in Implantology

- ♦ Select and perform appropriate incision techniques according to the type of edentulism (total or partial)
- ♦ Identify and correctly use the surgical instruments required for tissue elevation, flap retraction, and bone shaping
- ♦ Apply sequential and biological drilling techniques in implantology
- ♦ Differentiate between one-stage and two-stage implant protocols
- ♦ Select proper suturing instruments and materials and apply the various suturing techniques

Module 6. Biomaterials and Guided Bone Regeneration

- ♦ Classify the different types of bone grafts, identifying their advantages and disadvantages
- ♦ Describe the techniques for harvesting and applying autologous bone grafts from the chin and mandibular ramus
- ♦ Understand the characteristics and applications of other biomaterials used in bone regeneration
- ♦ Differentiate between non-resorbable and resorbable membranes used in guided bone regeneration

Module 7. Maxillary Sinus Lift

- ♦ Perform accurate diagnosis and review the relevant anatomy of the maxillary sinus for planning sinus elevation procedures
- ♦ Apply the crestal approach sinus elevation technique
- ♦ Describe and apply the lateral approach sinus elevation technique step by step

Module 8. Immediate Implantology

- ♦ Describe the surgical aspects of placing immediate and early implants after tooth extraction
- ♦ Apply specific protocols for placing immediate implants in posterior areas of the mouth
- ♦ Implement techniques for emergence profile transmission and placement of immediate provisionals to optimize aesthetic outcomes

Module 9. Advanced Surgical Techniques in Implantology

- ♦ Apply ridge expansion techniques
- ♦ Describe the surgical technique for placing pterygoid implants in cases of severe bone resorption in the posterior maxilla
- ♦ Explain the surgical technique for placing zygomatic implants as an alternative in patients with severe maxillary atrophy
- ♦ Evaluate and apply treatment options using dental implants without the need for bone grafts

Module 10. Periodontology Applied to Implantology Treatment

- ♦ Apply periodontal diagnostic principles to assess the health of peri-implant tissues
- ♦ Perform mucogingival procedures
- ♦ Apply mucogingival procedures such as subepithelial free grafts and pediculated grafts
- ♦ Implement various alveolar ridge preservation techniques after tooth extraction to optimize the bone bed for future implant placement
- ♦ Instruct patients in oral hygiene techniques specific to implants

Module 11. Implant-Supported Prosthesis

- ♦ Understand the importance of prosthetic planning as a determining factor in the success of implant treatment
- ♦ Select the appropriate impression materials
- ♦ Choose the correct type of abutment (preformed, castable, CAD/CAM, direct-to-implant, or transmucosal) according to the prosthetic needs of the implant case
- ♦ Understand the indications and characteristics of the different materials used in the fabrication of implant-supported prostheses
- ♦ Discern the indications, advantages, and disadvantages of screw-retained and cemented implant prostheses in order to select the most suitable option
- ♦ Apply shade-taking techniques using shade maps, shade guides, and colorimeters to achieve optimal dental aesthetics in implant restorations
- ♦ Describe and apply the clinical sequence for fabricating implant-supported prostheses in cases of single crowns and partial bridges

Module 12. Implant-Supported Prosthesis in the Fully Edentulous Patient

- ♦ Identify the various implant treatment options for the fully edentulous patient
- ♦ Describe the concept and different types of overdentures (with single anchors and bar-retained systems)
- ♦ Understand the concept of hybrid prostheses as a fixed rehabilitation option for the fully edentulous implant patient
- ♦ Understand the concept of full fixed implant-supported prostheses in the fully edentulous patient

Module 13. Implant-Supported Prosthesis in the Anterior Aesthetic Zone

- ♦ Identify and analyze the specific challenges associated with implant rehabilitation of a single anterior tooth in the aesthetic zone
- ♦ Integrate the concepts of pink aesthetics (soft tissues) and white aesthetics (dental restoration) in planning implant treatments in the anterior region
- ♦ Evaluate and apply key aesthetic parameters, such as tooth shape, color, and size, as well as gingival symmetries, in anterior implant rehabilitation
- ♦ Apply the appropriate prosthodontic management in cases of immediate post-extraction implants in the anterior aesthetic zone

Module 14. Computer-Guided Surgery and Immediate Loading

- ♦ Understand the parameters and criteria for selecting patients who are candidates for immediate loading protocols in implantology
- ♦ Use guided surgery software, and design mucosa-, tooth-, and bone-supported templates
- ♦ Describe the indications and applications of transitional implants, mini-screws, and orthodontic anchorage
- ♦ Apply prosthodontic protocols specific to immediate loading in single-implant cases

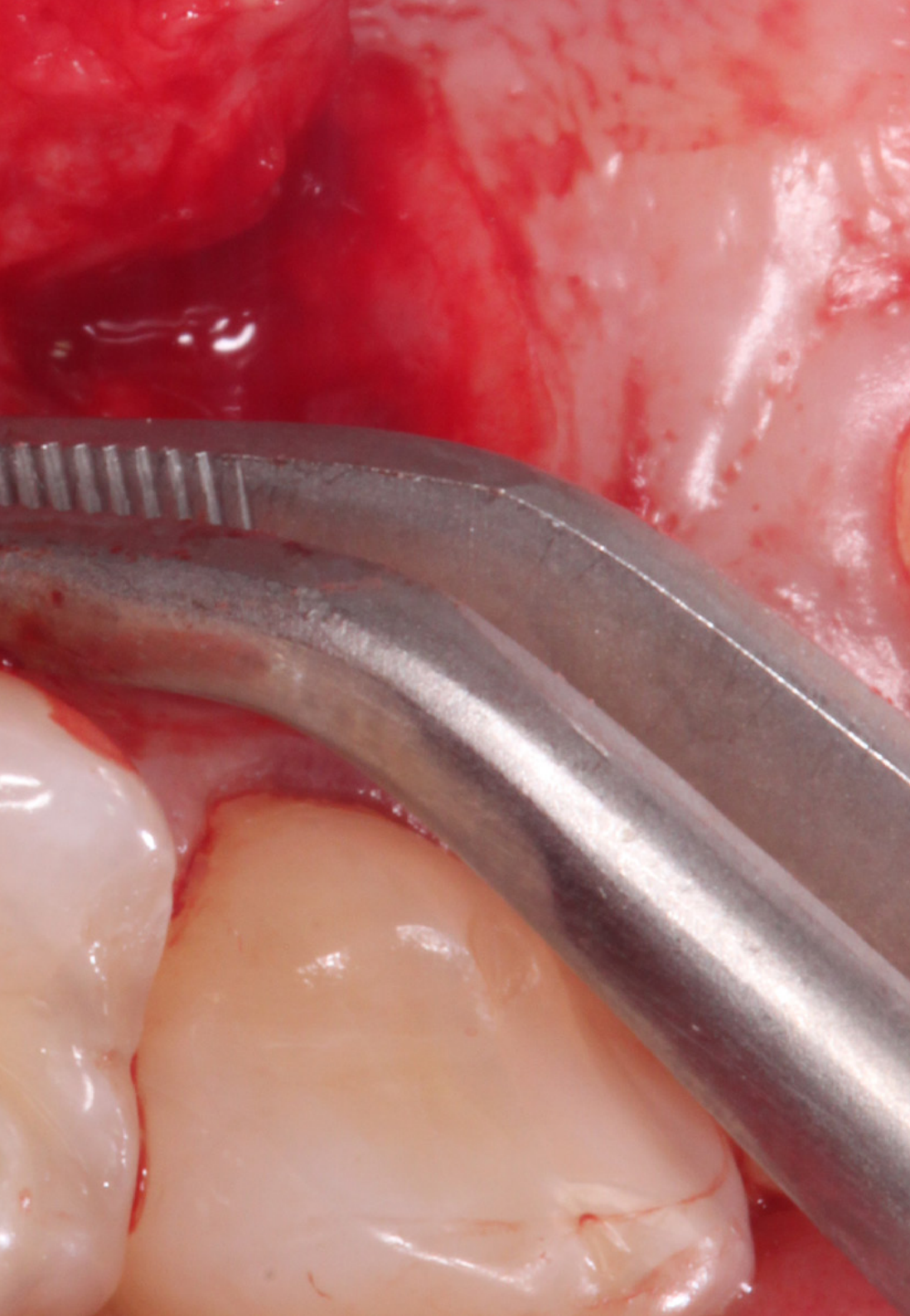
Module 15. Occlusion in Implantology

- ♦ Establish appropriate occlusal patterns for implant-supported restorations in both fully and partially edentulous patients
- ♦ Understand the indications and design principles of occlusal splints in the context of implantology
- ♦ Apply occlusal adjustment and selective grinding techniques in implant prostheses to achieve functional and stable occlusion

Module 16. Complications in Implantology

- ♦ Identify immediate and late emergencies and complications that may arise in implant surgery
- ♦ Recognize and manage the different prosthetic complications that may occur in implant-supported restorations
- ♦ Understand the concept, establish the diagnosis, and apply non-surgical and surgical treatments for peri-implantitis





“

You will implement bone and tissue regeneration procedures in the management of patients with anatomical deficiencies”

05

Career Opportunities

This university qualification from TECH Global University represents an exceptional opportunity for dentists who wish to update their knowledge in the field of Implantology and Oral Surgery. Through a practical and up-to-date approach, the program enables participants to strengthen their competencies and master the most advanced techniques in the discipline. As a result, graduates will be fully prepared to manage highly complex cases with solid clinical skill, expand their professional scope, and provide safe, effective treatments grounded in scientific evidence.



“

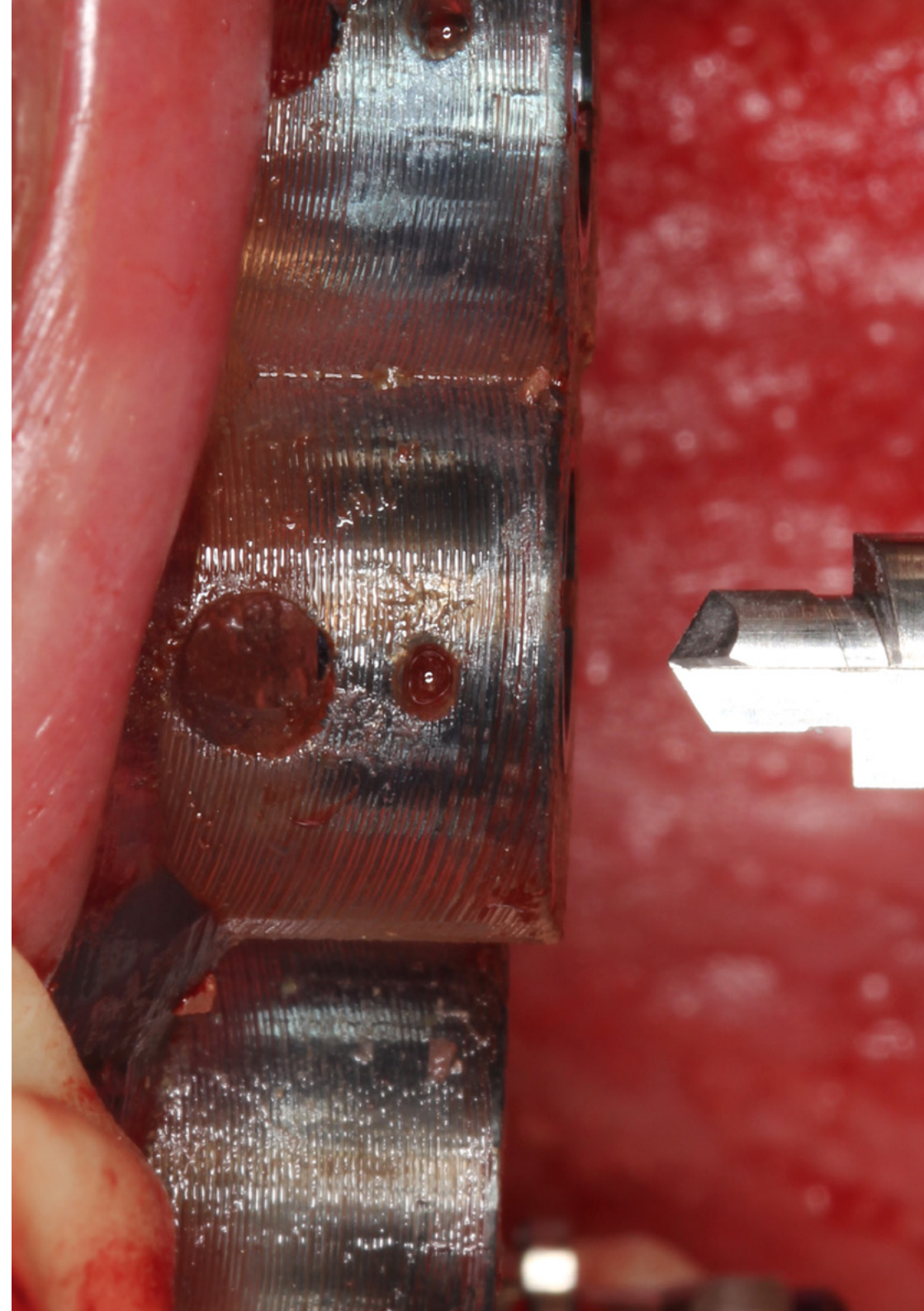
You will plan personalized implant treatments using digital tools and guided oral surgery systems”

Graduate Profile

The graduate of this Master's Degree from TECH Global University will be a highly specialized dentist in Implantology and Oral Surgery, capable of managing complex cases with a comprehensive approach based on the most recent evidence. They will also master advanced surgical techniques, digital planning, bone regeneration, and implant-supported prosthetic rehabilitation. In addition, they will be prepared to manage complications, apply maintenance protocols, and work effectively within multidisciplinary teams. This professional will also be capable of leading clinical projects, contributing to research in the field, and providing patients with predictable, high-quality treatments.

*Would you like to work as a Specialist in
Implant-Supported Oral Rehabilitation?
Achieve it through this university
program in just 12 months.*

- ♦ **Planning and Execution of Advanced Treatments:** Ability to analyze complex implantology and oral surgery cases, develop detailed and predictable treatment plans, and carry out surgical procedures with precision and skill
- ♦ **Leadership and Management in Clinical Practice:** Skill to lead dental clinic teams, manage resources efficiently, and make informed clinical decisions to optimize outcomes and patient satisfaction in implantology and oral surgery
- ♦ **Ethical Commitment and Patient Information Management:** Responsibility in applying ethical principles and privacy regulations, ensuring the protection of sensitive patient information when using advanced technologies in implant and oral surgery diagnosis and treatment
- ♦ **Interdisciplinary Collaboration in Dentistry:** Ability to communicate and work effectively with other specialists and technical teams, facilitating an integrated and coordinated approach in implantology and oral surgery cases



After completing the university program, you will be able to apply your knowledge and skills in the following positions:

1. **Dentist Specialized in Implantology and Oral Surgery:** Professional responsible for the diagnosis, planning, and execution of dental implant treatments and complex oral surgery procedures
2. **Oral Surgeon and Implantologist in an Advanced Dental Clinic:** Leader of a multidisciplinary team in specialized clinics, performing complex surgical interventions and implant rehabilitations
3. **Head of the Implantology Unit in a Hospital or Clinic:** Professional in charge of managing and coordinating implantology services within a healthcare institution
4. **Consultant in Implantology and Oral Surgery:** Advisor for dental clinics or companies in the sector, contributing expertise in treatment planning and the implementation of new techniques
5. **Specialist in Guided Surgery and Digital Implantology:** Professional with mastery of digital technologies for virtual planning and precise execution of implant surgeries
6. **Dentist Focused on Implant Aesthetics:** Specialist leading smile rehabilitation with implants, considering both aesthetic and functional aspects
7. **Coordinator of Complex Implantology Cases:** Professional responsible for the planning and follow-up of multidisciplinary treatments involving implants and oral surgery



You will apply surgical treatments in the oral cavity—such as complex extractions or fenestrations—with high precision”

06

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

“

*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

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

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of 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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

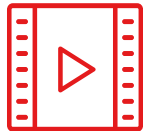
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

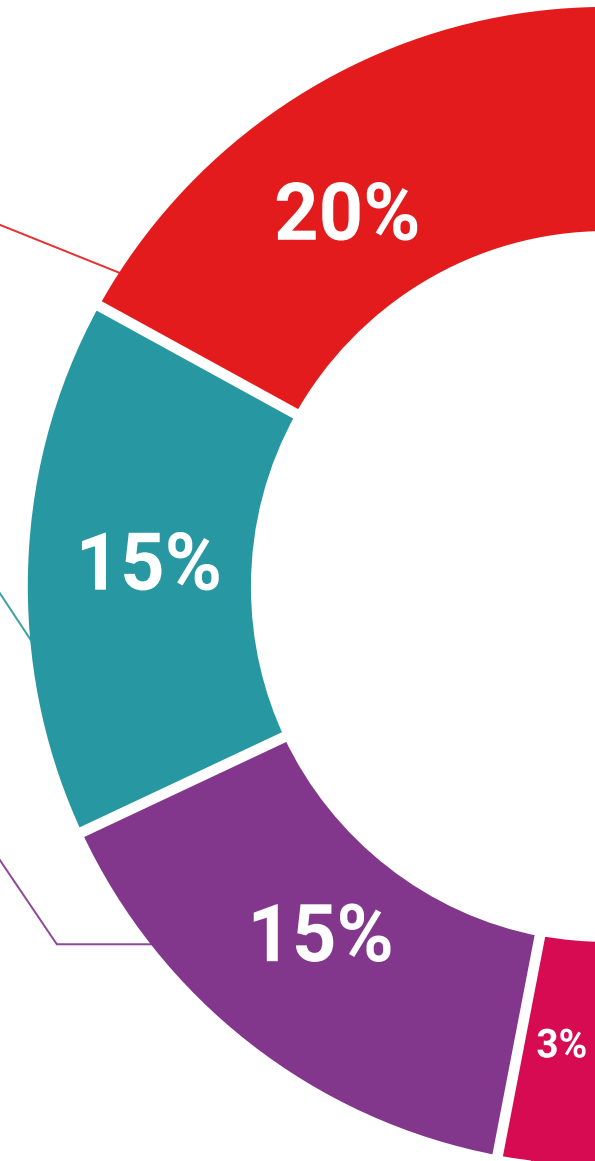
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

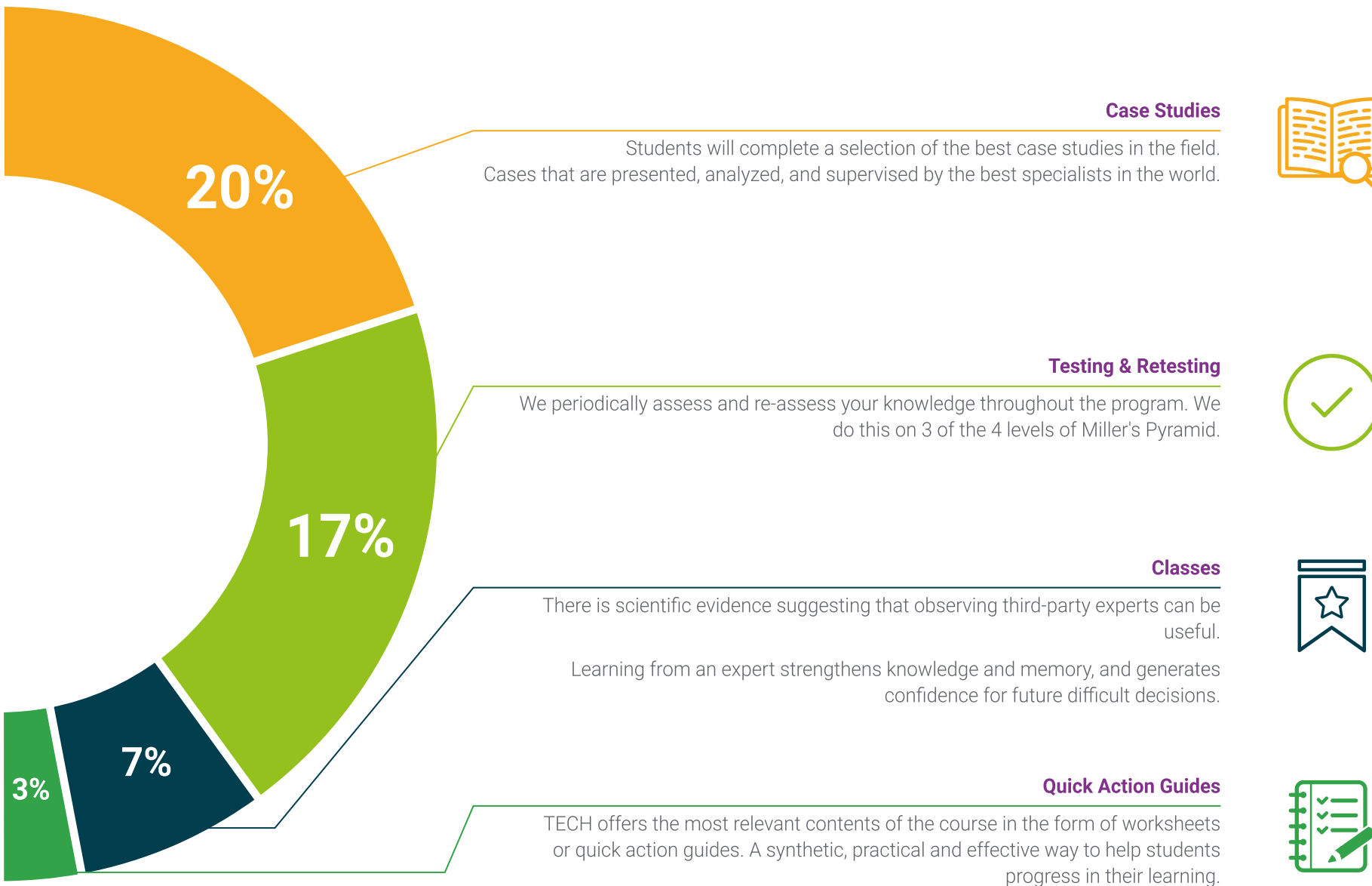
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





07

Teaching Staff

The faculty of this academic program is composed of oral surgeons and implantologists of recognized international prestige. In addition, these professionals combine a solid academic background with extensive clinical experience in implant placement, reconstructive surgery, and advanced bone regeneration techniques. Their expertise in applying the latest technologies and their active involvement in research ensure an immersive academic experience based on scientific evidence and the most recent innovations in the field.



A close-up photograph of a dental procedure. A dental handpiece with a textured, diamond-coated tip is positioned near a tooth. The background is a soft, out-of-focus pinkish-red, likely representing the patient's gums. The image is partially obscured by a diagonal white and purple graphic overlay.

“

The teaching team of this Master's Degree is composed of true specialists in Implantology and Oral Surgery”

International Guest Director

As one of the foremost members of the dental field, Dr. Howard C. Tenenbaum has lectured internationally on topics as diverse as **Orofacial Pain, Bone Cell Biology**, and the **treatment of Refractory Periodontal Diseases**. Their awards are numerous, including **distinguished fellowships** from the International College of Dentists, the Academy of Dentistry International, the American College of Dentists, and the Pierre Fauchard Academy.

Moreover, he has received several awards both for his research work, distinguished by Johnson & Johnson, and for his work as a **teacher** at Mount Sinai Hospital. Precisely his dental research accumulates an **H index of 52**, with **thousands of citations from his articles**, highlighting his work in the study of the effects of resveratrol on Oxidative Stress during experimental periodontitis in rats subjected to cigarette smoke inhalation.

He combines his educational responsibilities as **Professor of Dentistry** at the University of Toronto with his work as a **Sental Specialist** at Mount Sinai Hospital in Canada. It was in this same center where he held various management positions, being Head of Research in the Dentistry Department and head of the same department at , the same time. Throughout his career he has served on various committees and associations, including the editorial boards of The Open Orthopaedics Journal and The Open Journal of Dentistry.



Dr. Tenenbaum, Howard C.

- ♦ Chief of Research at the Mount Sinai Hospital Dental Service At Hospital, Toronto, Canada
- ♦ Professor of Dentistry, University of Toronto, Canada
- ♦ Professor of Periodontology, Tel Aviv University, Israel
- ♦ Professor of Periodontology, University of Manitoba, Canada
- ♦ Specialist at the Princess Margaret Hospital in Toronto, Canada
- ♦ Chief of Dentistry, Mount Sinai Hospital, Toronto, Canada
- ♦ Consultant to the U.S. Food and Drug Administration (FDA)
- ♦ Vice-Chairman of the Federal Advisory Committee on Dental Care of Canada
- ♦ PhD in Oral Biology from the University of Toronto, Canada
- ♦ Doctor of Dental Surgery, University of Toronto, Canada
- ♦ Diploma in Periodontics, University of Toronto, Canada
- ♦ Fellowship of the International College of Dentists
- ♦ Fellowship of the Academy of Dentistry International
- ♦ Fellowship of the American College of Dentists
- ♦ Fellowship of the Pierre Fauchard Academy
- ♦ Member of: Editorial Board of The Open Orthopaedics Journal, Editorial Board of The Open Journal of Dentistry, College of Reviewers for the CIHR Canada Research Chairs Program, Canadian Dental Association, Canadian and International Association for Dental Research, American Society for Bone and Mineral Research, American Academy of Periodontology and Ontario Society of Periodontists.

Management



Dr. García-Sala Bonmatí, Fernando

- ♦ Dentist Specialized in Rehabilitation, Periodontics and Advanced Oral Implantology at Ilzarbe García Sala Clinic
- ♦ Co-Director of the Master's Degree in Advanced Oral from Implantology at the European University of Valencia(UEV)
- ♦ Associate Professor in the Department of Stomatology at the University of Valencia
- ♦ Teacher of Oral Surgical Pathology at UEV
- ♦ Master's Degree in Advanced Oral Implantology from the European University of Madrid
- ♦ Education in Mucogingival Surgery, given by Dr. Zucchelli, at the University of Bologna, Italy
- ♦ Education in Bone Regeneration, given by Dr. Urban, in Budapest, Hungary
- ♦ Certificate in Advances in Implant Dentistry and Oral Rehabilitation from New York University School of Dentistry
- ♦ Degree in Dentistry
- ♦ Member of: ITI (International Team Implantology) and the Spanish Society of Stomatological and Esthetic Prosthetics (SEPES)

Faculty

Dr. Rodriguez-Bronchú, Javier

- ♦ Medical Director of RB Dental Clinic
- ♦ Specialist in Advanced Oral Surgery and Implantology
- ♦ Master's Degree in Advanced Oral Implantology from the European University of Madrid
- ♦ Master in Current Concepts in American Dentistry: Advances in Implant Dentistry and Oral Rehabilitation by New York College of Dentistry
- ♦ Degree in Dentistry from CEU Cardenal Herrera University

Dr. Sierra Sánchez, José Luis

- ♦ Specialist Dentist in Implant Surgery, Periodontics and Oral Rehabilitation in Comprehensive Dentistry Centers
- ♦ Master's Degree in Advanced Oral Implantology from the European University of Madrid
- ♦ Certificate in Oral Surgery and Implantology from the Faculty of Dentistry at the University of Valencia
- ♦ Degree in Dentistry from the European University of Madrid
- ♦ Continuing Education Program in Implantology BTI Biotechnology Institute

Dr. Brotons Oliver, Alejandro

- ♦ Specialist in Surgery, Periodontics and Implants
- ♦ Director of the Department of Dentistry at the European University of Valencia (UEV)
- ♦ Director of the Master's Degree in Advanced Oral in Implantology at UEV
- ♦ PhD in Dentistry from the University of Valencia
- ♦ Master's Degree in Oral Surgery and Implantology from the University of Valencia
- ♦ Education in Bone Regeneration, given by Dr. Urban in Budapest, Hungary
- ♦ Certificate in Advances in Implant Dentistry and Oral Rehabilitation from New York University School of Dentistry
- ♦ Degree in Dentistry
- ♦ Member of SECIB and SEPES

Dr. De Barutell Castillo, Alfonso

- ♦ Specialist in Aesthetic Prosthetics and Implant Prosthetics
- ♦ Associate Professor of the subject Dental Prosthesis I
- ♦ Professor of Masters Degree in Dental Prosthesis
- ♦ Master's Degree in Dental Prosthesis and Implant Prosthesis at the University of Valencia
- ♦ Member of the Spanish Society of Dental Prosthetics (SEPES)
- ♦ Clinical residencies in San Sebastian, Madrid, Lisbon and New York
- ♦ Degree in Dentistry

Dr. Cabo Nadal, Alberto

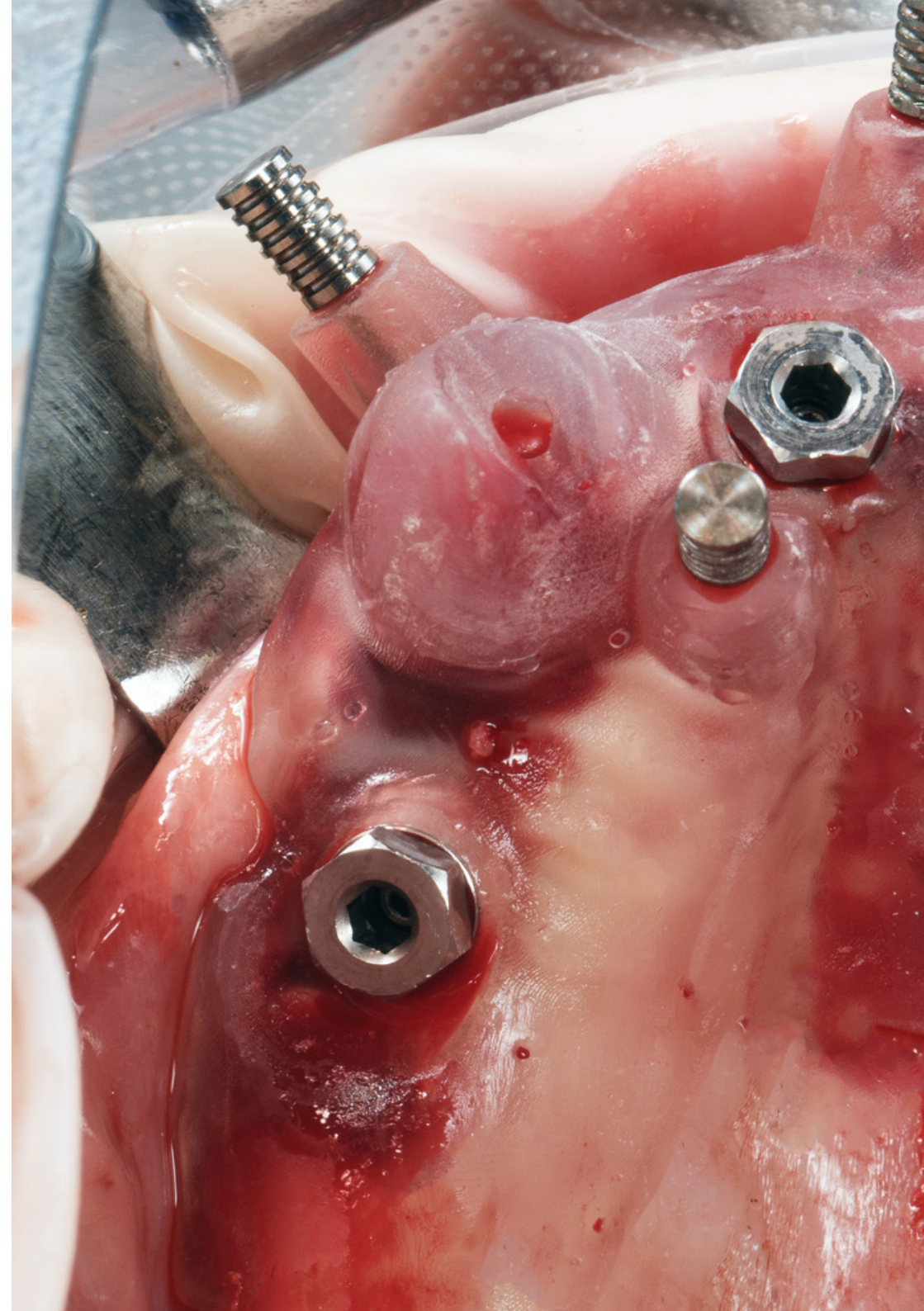
- ♦ Dentist Specialist in Implantology
- ♦ Degree in Dentistry from the University of Valencia (UV)
- ♦ Master's Degree in Prosthetic Rehabilitation and Implants by the UV
- ♦ Postgraduate Certificate in Dental Prosthesis
- ♦ Continuing Education in Surgery, Implant Prosthodontics and Oral Rehabilitation
- ♦ Professor of Clinical Dental Practice at the European University of Valencia, Spain
- ♦ Member of the Spanish Society of Stomatological and Esthetic Prosthesis (SEPES)

Dr. Plaza Espinosa, Andrés

- ♦ Dentist Specialized in Oral Implantology
- ♦ Degree in Dentistry from CEU Cardenal Herrera University
- ♦ Masters Degree in Oral Medicine and Surgery from the University of Valencia(UV)
- ♦ Official Master's Degree in Dental Sciences from the University of Valencia (UV)
- ♦ Master's Degree in Dental Prosthesis by the UV
- ♦ Associate Professor of Prosthodontics II, School of Dentistry, UV
- ♦ Collaborating Professor of the Master's Degree in Dental Prosthetics of UV

Dr. Manzanera Pastor, Ester

- ♦ Dentist specialized in Surgery, Implantology and Dental Aesthetics at the Manzanera Dental Clinic
- ♦ Director of the Master's Degree in Advanced Oral Implantology at the European University of Valencia (UEV)
- ♦ SEPES Online Training Coordinator
- ♦ Teacher of Surgical Pathology at UEV
- ♦ Teacher of the Master's Degree in Prosthesis of the Faculty of Dentistry at the University of Valencia (UV)
- ♦ Master's Degree in Dental Sciences
- ♦ Master's Degree in Integrated Dentistry, Implantology and Biomaterials from the University of Murcia
- ♦ Master's Degree in Advanced Implantology from the University of Murcia
- ♦ Master's Degree in Dental Sciences by the UV
- ♦ Degree in Dentistry from UV
- ♦ Member of the Board of Directors of the Spanish Society of Stomatological and Aesthetic Prosthetics (SEPES)
- ♦ Member of the Board of Directors for the Center for Odontostomatological Studies of Valencia





Dr. Barberá Millán, Javier

- ◆ Specialist in Oral Surgery and Implantology at Implant Clinics
- ◆ Oral Surgeon and Implantologist at Dr. Ana Gascón Dental Clinic
- ◆ Master's Degree in Oral Implantology from the Catholic University of Valencia (UCV)
- ◆ Expert in Advanced Oral Implantology
- ◆ Degree in Dentistry from the UCV
- ◆ Teacher and Researcher in the Master's Degree in Oral Surgery and Implantology of the UCV

“

A unique, essential and decisive learning experience to boost your professional development”

08 Certificate

The Master's Degree in Implantology and Oral Surgery guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Master's Degree issued by TECH Global University.



“

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”

This private qualification will allow you to obtain a diploma for the **Master's Degree in Implantology and Oral Surgery** endorsed by TECH Global University, the world's largest online university.

TECH Global University, is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

tech global university

D/Dña _____ con documento de identificación _____ ha superado con éxito y obtenido el título de:

Máster Título Propio en Implantología y Cirugía Oral

Se trata de un título propio de 1.800 horas de duración equivalente a 60 ECTS, con fecha de inicio dd/mm/aaaa y fecha de finalización dd/mm/aaaa.

TECH Global University es una universidad reconocida oficialmente por el Gobierno de Andorra el 31 de enero de 2024, que pertenece al Espacio Europeo de Educación Superior (EEES).

En Andorra la Vella, a 28 de febrero de 2024

Dr. Pedro Navarro Illana
Rector

tech global university

Este título propio se deberá acompañar siempre del título universitario habilitante expedido por la autoridad competente para ejercer profesionalmente en cada país. código único TECH: APWOR235 techtitle.com/titulos

This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Master's Degree in Implantology and Oral Surgery**

Modality: **online**

Duration: **12 months**

Accreditation: **60 ECTS**

Master's Degree in Implantology and Oral Surgery

General Structure of the Syllabus

Subject type	ECTS
Compulsory (CO)	60
Optional (OP)	0
External Work Placement (WP)	0
Master's Degree Thesis (MDT)	0
Total	60

General Structure of the Syllabus

Year	Subject	ECTS	Type
1º	Diagnosis	4	CO
1º	Oral Surgery Pathology	4	CO
1º	Implant Planning	4	CO
1º	Implantology and Osseointegration	4	CO
1º	Basic Surgical Technique in Implantology	4	CO
1º	Biomaterials and Guided Bone Regeneration	4	CO
1º	Maxillary Sinus Elevation	4	CO
1º	Immediate Implantology	4	CO
1º	Advanced Surgical Techniques in Implantology	4	CO
1º	Periodontology Applied to Implantology Treatment	4	CO
1º	Implant-Supported Prosthesis	4	CO
1º	Implant-Supported Prosthesis in the Fully Edentulous Patient	4	CO
1º	Implant-Supported Prosthesis in the Anterior Aesthetic Zone	3	CO
1º	Computer-Guided Surgery and Immediate Loading	3	CO
1º	Occlusion in Implantology	3	CO
1º	Complications in Implantology	3	CO

Dr. Pedro Navarro Illana
Dean

tech global university



Master's Degree
Implantology and
Oral Surgery

- » Modality: online
- » Duration: 12 months.
- » Certificate: TECH Global University
- » Accreditation: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

Master's Degree

Implantology and Oral Surgery