



Postgraduate Diploma

Palpebral Pathology

» Modality: online

» Duration: 6 months

» Certificate: TECH Global University

» Credits: 24 ECTS

» Schedule: at your own pace

» Exams: online

We b site: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-palpebral-pathology

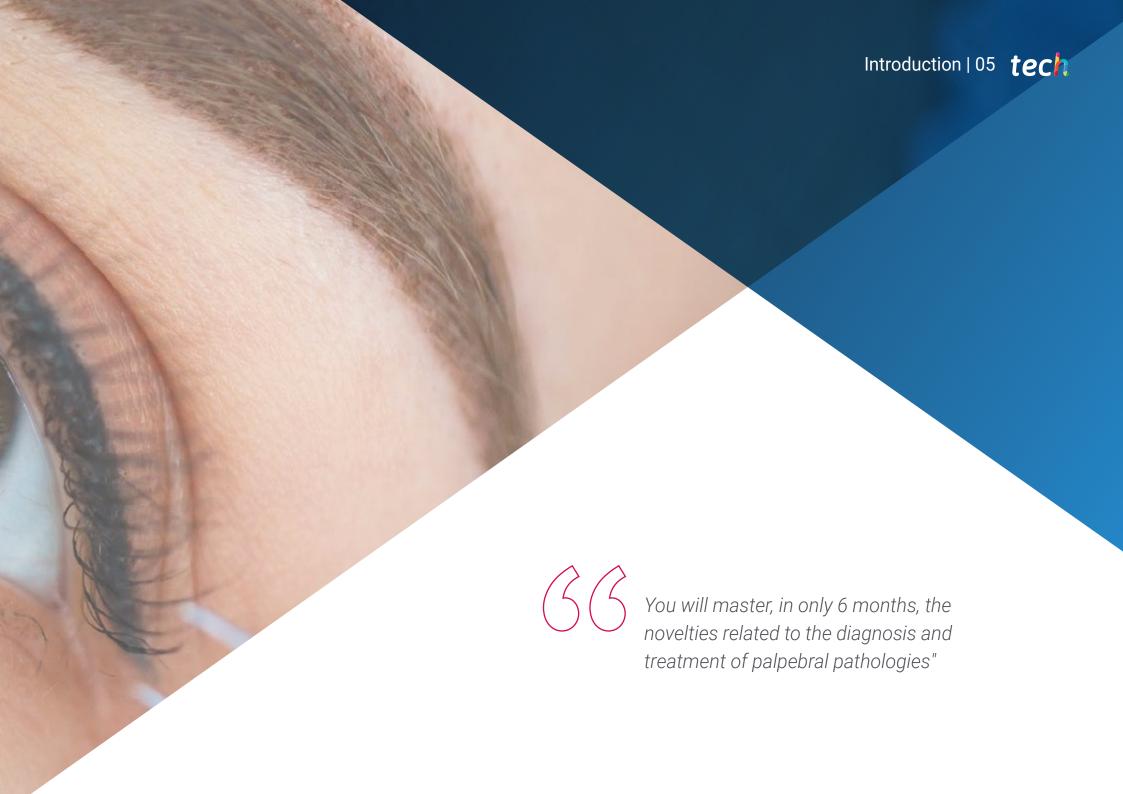
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01 Introduction

Eyelid diseases are varied, trichiasis, blepharitis or chalazion, among others, and can also affect the adjoining areas such as the eyelashes. In the ophthalmological consultation, it is very common to find this type of eyelid pathologies, which is why the specialist must know in detail the most innovative and accurate strategies for their diagnosis, as well as the most effective surgical and non-surgical techniques and treatments currently available. For this, the specialist has this degree, which will allow him, in just 6 months, to update his knowledge in a comprehensive manner. This is a 100% online program with which the ophthalmologist will be able to delve into palpebral malpositions, periorbital involutional changes and periocular aesthetics, ptosis and benign and malignant lesions that can be treated with reconstruction.



tech 06 | Introduction

One of the most common oculoplastic problems is eyelid ptosis, characterized by drooping of the upper eyelid. Generally, the abnormal position of the eyelid is caused by a dysfunction of the levator muscle, caused by different agents, either degenerative or congenital, affecting both adults and children, but especially the elderly. However, the pathologies that make up the catalog of diseases related to this area of oculoplasty is extensive and varied, also affecting adjacent areas such as the orbit or the tear ducts.

It is, therefore, a broad specialty and in which every year countless advances are made related to more accurate and effective diagnostic methods, as well as therapies, treatments that potentially and positively influence the patient's quality of life. In order for the graduate to be able to keep up to date with all the new developments in this field, TECH has developed this very complete program. It is a Postgraduate Diploma distributed over 600 hours thanks to which the doctor will be able to get up to date on the latest developments related to palpebral malpositions, eyelashes and dystonia, periorbital involutional changes and periocular aesthetics, diagnosis and treatment of pstosis and benign and malignant palpebral lesions and their reconstructive surgery.

For this purpose, it will have a 100% online syllabus which will include dozens of hours of high quality additional material. In addition, in order for the graduate to be able to adapt this academic experience to his or her availability, he or she will be able to access the Virtual Classroom at any time from Monday to Friday and from any device with an internet connection, whether it is a PC, tablet or cell phone. Thanks to this, you will be able to update and expand your knowledge without neglecting your practice or your priority activities.

This **Postgraduate Diploma in Palpebral Pathology** contains the most complete and up-to-date educational program on the market. The most important features include:

- The development of case studies presented by Ophthalmology experts
- 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
- Its special emphasis on innovative methodologies
- 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



A unique academic opportunity to learn in detail the latest developments related to periorbital involutional changes and periocular aesthetics"



If you are looking for a degree that will provide you with the most up-to-date information on trichiasis and distichiasis, you have before you the best program in the academic market"

The program includes, in its teaching staff, professionals from the sector who bring to this program the experience of their work, in addition to recognized specialists from prestigious reference societies and universities.

Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

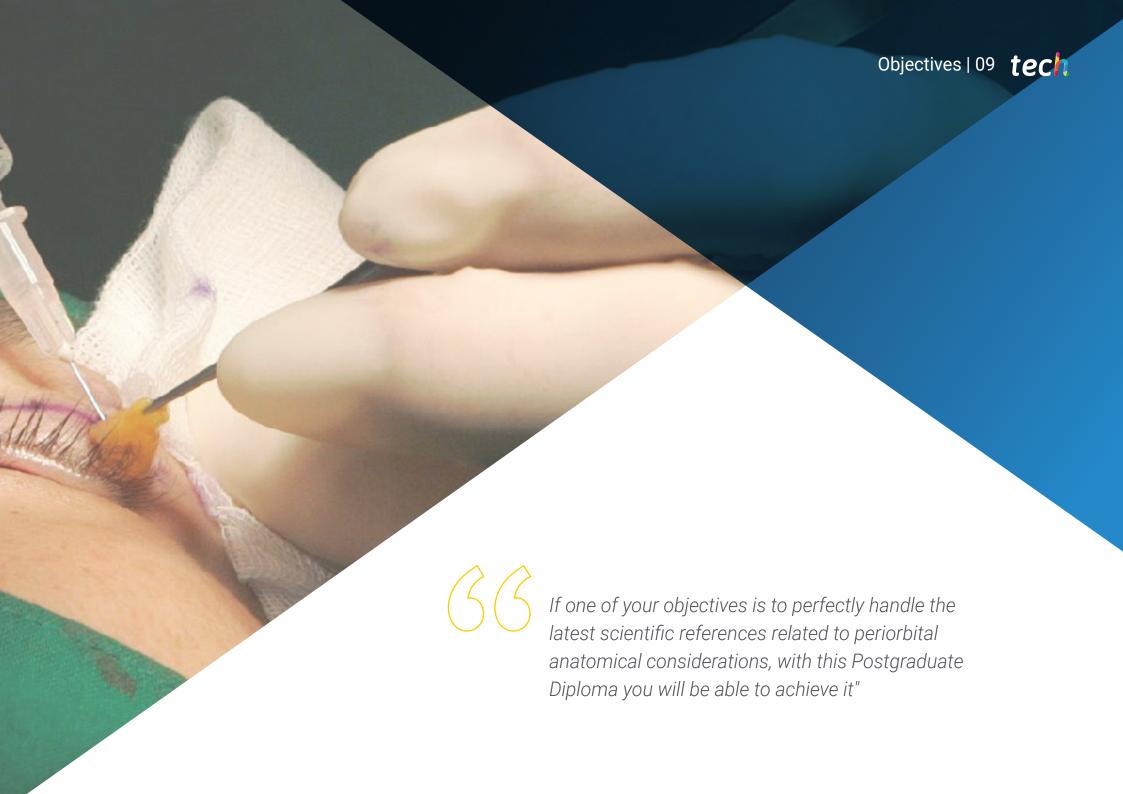
The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

You will be able to work on perfecting your skills in the management and treatment of involutional ectropion through a specific module dedicated to this condition.

You will delve into the rehabilitation of facial muscles through the latest therapeutic techniques.







tech 10 | Objectives

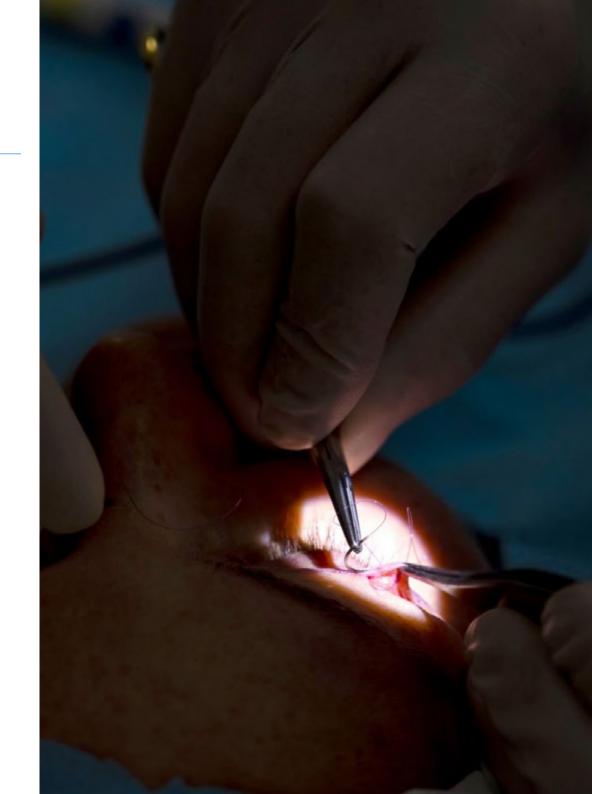


General Objectives

- Know in detail the latest developments related to palpebral malposition, eyelash malposition and dystonia in Ophthalmology
- Delve in the latest scientific evidence on periorbital involutional changes and periocular aesthetics
- Develop a wide and updated knowledge about ptosis, as well as know in detail the latest developments in diagnosis and treatment
- Delve into benign and malignant palpebral lesions, as well as the latest developments related to reconstructive surgery



TECH's goal with degrees like this one is that you finish this academic experience having successfully surpassed all your expectations"





Module 1. Palpebral Malposition, Eyelash Malpositions and Dystonia in Ophthalmology

- * Know the etiology of ectropion: involutional, cicatricial and paralytic
- * Acquire a broad knowledge on the management of involutional and cicatricial entropion
- Learn about the management and treatment of distichiasis and trichiasis
- Have an in-depth knowledge of facial musculature and the different dystoniasis in ophthalmology

Module 2. Periorbital Involutional Changes and Periocular Aesthetics

- Learn about palpebral surgery planning/counseling.
- Obtain a complete knowledge of eyebrow ptosis and the direct and indirect browplasty procedure via endoscopy
- Learn upper and lower blepharoplasty exploration and surgical technique
- Learn in depth the uses and complications of CO2 laser
- Learn about the types of periocular fillers available, as well as the advantages and complications derived from their use
- Understand how botulinum toxin works, its applications and the complications derived from its application
- Obtain an in-depth knowledge of the new paradigms of periocular aesthetics

Module 3. Ptosis, Diagnosis and Treatment

- Learn how to perform a correct examination and diagnosis of palpebral ptosis
- Know in depth the different etiologies involved in aponeurotic ptosis: senile, congenital, hereditary, as well as those associated with blepharophimotic syndrome, contact lens use or thyroid orbitopathy
- Understand congenital and acquired myogenic ptosis: myasthenia gravis, myotonic dystrophy, CPEO, etc
- Delve into the diagnosis and identification of pseudoptosis
- In-depth knowledge of the different techniques of aponeurosis reinsertion
- In-depth knowledge of the different techniques of resection and folding of the levator aponeurosis
- Delve into the techniques of direct and indirect frontalis muscle suspension

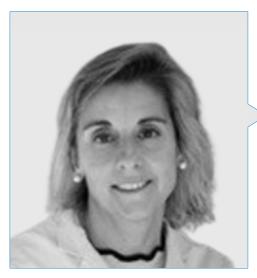
Module 4. Benign/Malignant Palpebral Lesions and Reconstructive Surgery

- Know the anatomy of the skin and periocular appendages
- Delve into the differential diagnosis of palpebral lesions
- Learn to identify the main benign/malignant tumors of the epidermis and skin appendages, as well as pigmented lesions and other less frequent tumors (vascular,limphoyd, etc.)
- Have a thorough knowledge of the most commonly used biopsy techniques. Mohs Surgery. Cold Biopsy
- Delve into the repair of anterior lamella defects and management of facial skin grafts
- Understand the fundamentals of the main techniques for repair of full-thickness defects of less than 50%, between 50% and 75% and greater than 75%



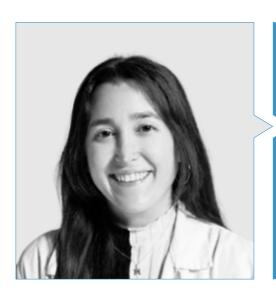


Management



Dr. Ibáñez Flores, Nuria

- Head of the Oculoplastics Department at the ICR of Barcelona (Institut Català de Retina)
- Adjunct professor of the medical degree at the UIC (International University of Catalonia)
- Director and coordinator of the surgical master's degree of the UIC (International University of Catalonia) in Oculoplastics, Orbit and Lacrimal Ducts
- Reviewer of the Archives of the Spanish Society of Ophthalmology
- Member of the Spanish Society of Ocular and Orbital Plastic Surgery (SECPOO)
- Responsible and coordinator of the interhospital sessions of Oculoplastics taught at ICR
- Doctor in Medicine and Surgery from the Autonomous University of Barcelona
- Degree in Medicine and Surgery from the University of Barcelona, Bellvitge Teaching Unit



Dr. Pascual González, Macarena

- Medical Specialist in Ophthalmology at General University Hospital Gregorio Marañón. Section of Oculoplasty, Tear Ducts and Orbit
- Collaborating lecturer in the subject of Ophthalmology at the Complutense University of Madrid
- Member of the Spanish Society of Ocular and Orbital Plastic Surgery (SECPOO)
- Fellow of European Board of Ophthalmology (FEBO)
- Degree in Medicine from the University of Malaga
- Specialist in Ophthalmology at the General University Hospital Gregorio MarañónMaster in Aesthetic, Regenerative and Anti-Aging Medicine at the Complutense University of Madrid

Professors

Dr. Cifuentes Canorea, Pilar

- Ophthalmologist of the Oculoplasty and Tear Duct Department at the General University Hospital Gregorio Marañón in Madrid
- Head of the Eyelids and Lacrimal Duct Department of Martínez de Carneros Clinic
- Professor in the year 2019 of the degree of medicine of the Alfonso University
- Cum Laude doctoral thesis at the Complutense University of Madrid in 2019
- Degree in Medicine from the Complutense University of Madrid
- * Specialization in Ophthalmology at the San Carlos Clinical Hospital
- Master's Degree in Aesthetic Medicine from the Complutense University of Madrid

Dr. Gasparini, Cecilia

- Fellowship in Oculoplastics Dr. Martín H. Devoto Ophthalmological Consultants
- Medical Coordinator of Oculoplastics Service Ophthalmological Consultants
- Co-author of several publications
- Member of the Argentine Council of Ophthalmology (CAO)
- Member of the Argentine Society of Ocular Plastics (SAPO)
- Medical Degree awarded by the Faculty of Medical Sciences -UBA Autonomous City of Buenos Aires

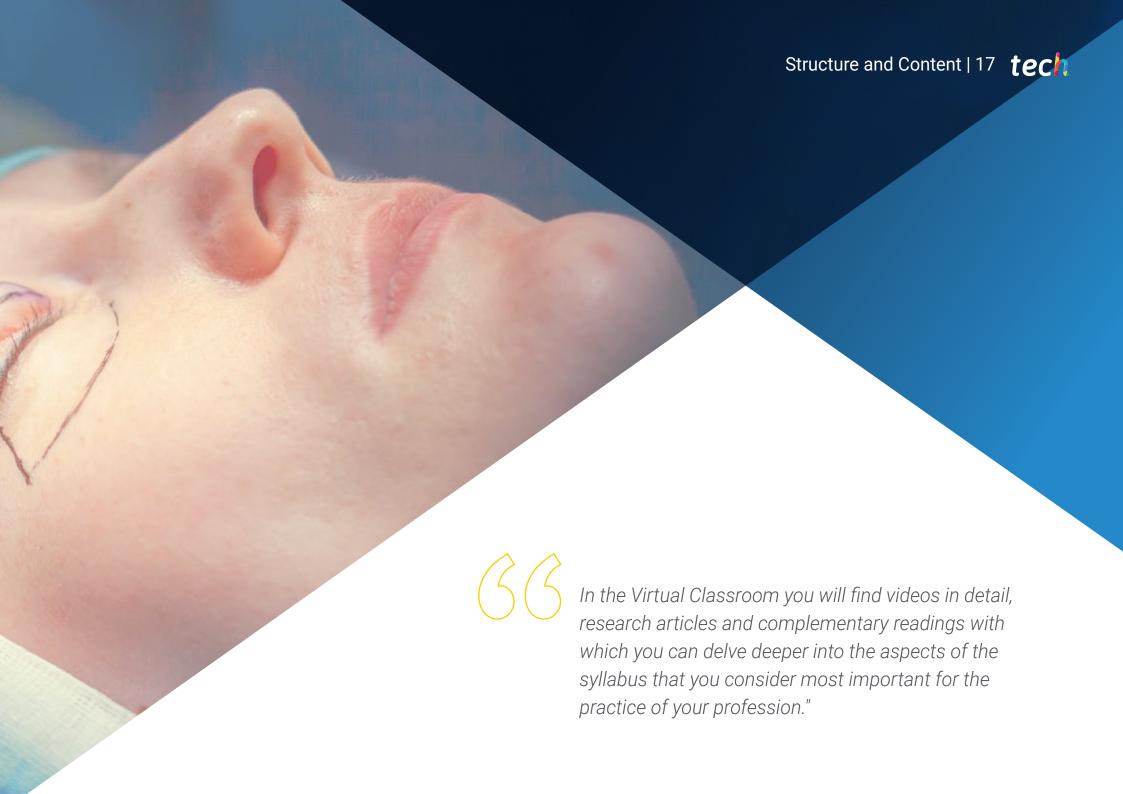
Dr. Pfeiffer, Nuria

- Deputy Director of the Lidclinic Pfeiffer Oculoplastic Center since 2020
- Head of the Ptosis Department since 2021
- Coordinator of the Periocular Aesthetic Medicine Unit since 2021
- President of the Lidclinic Pfeiffer Foundation, Glasses for the World
- Member of the Spanish Society of Ocular and Orbital Plastic Surgery (SECPOO)
- Member of the German Society of Ophthalmology (DOG)
- PhD in Vision Sciences from the Complutense University of Madrid in 2019.
 Comparative study between surgery of palpebral ptosis by suture of the aponeurosis to the tarsus vs combined suture to Whitnall's ligament
- Degree in Medicine from the Complutense University of Madrid since 2014
- Specialist in ophthalmology since 2019

Dr. Sánchez España, Juan Carlos

- Assistant of the Ophthalmology Service of the Clinical Hospital of Barcelona
- Fellowship in Oculoplastic Surgery, IMO, Barcelona, Spain
- * Doctor of Medicine (PhD), UH, Huelva, Spain
- Physician UNAB, Bucaramanga, Colombia
- * Specialist in Ophthalmology, Juan Ramón Jiménez Hospital, Huelva, Spain
- Master's Degree in Research Methodology in Health Sciences

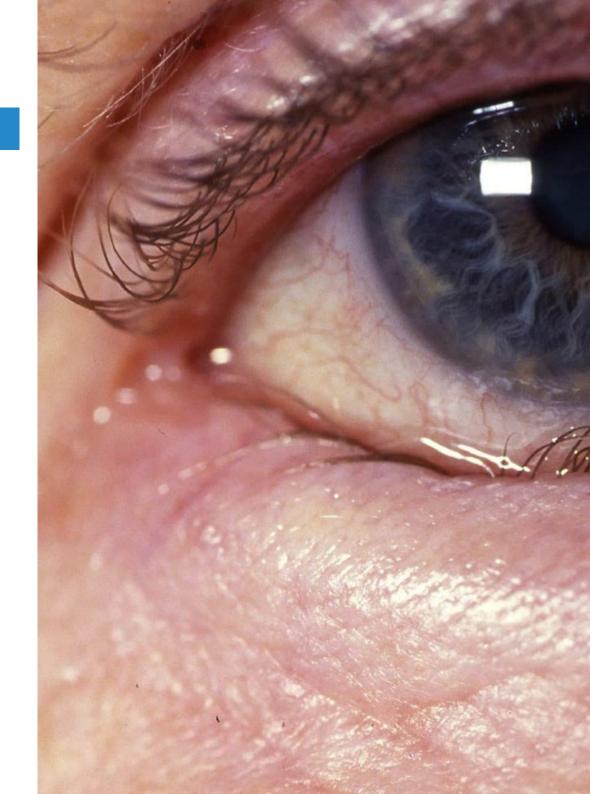


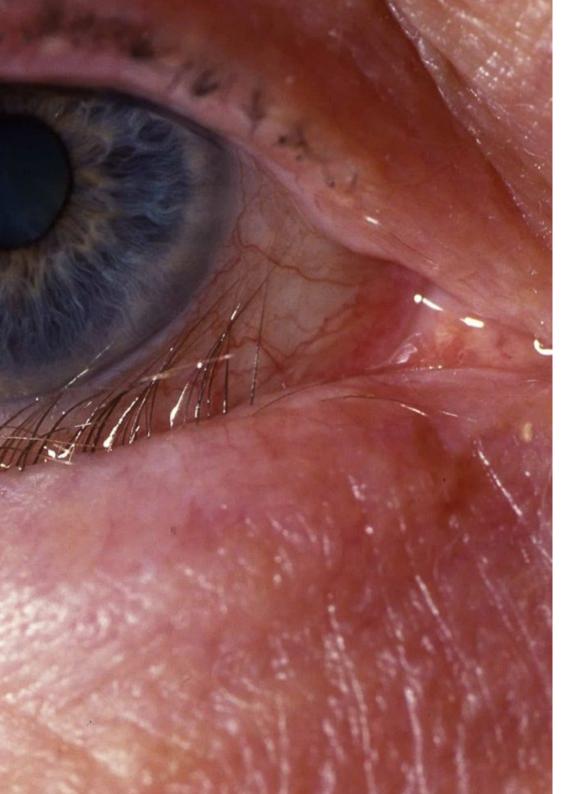


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Module 1. Palpebral Malposition, Eyelash Malpositions and Dystonia in Ophthalmology

- 1.1. Normal and Abnormal Palpebral Anatomy. Symptoms Exploration and Diagnostic Assessment
- 1.2. Involutional Ectropion
 - 1.2.1. Causes
 - 1.2.2. Diagnostic
 - 1.2.3. Management and Treatments
 - 1.2.3.1. Conservative Medical Treatment
 - 1.2.3.1. Surgical Management
- 1.3. Scarring Ectropion
 - 1.3.1. Causes
 - 1.3.2. Diagnostic
 - 1.3.3. Management and Treatments
 - 1.3.3.1. Conservative Medical Treatment
 - 1.3.3.2 Surgical Management
- 1.4. Paralytic Ectropion and Facial Palsy
 - 1.4.1. Causes
 - 1.4.2. Diagnostic
 - 1.4.3. Management and Treatments
 - 1.4.3.1. Medical-Conservative Treatment
 - 1.4.3.2. Surgical Management
- 1.5. Involutional and Spastic Entropion
 - 1.5.1. Causes
 - 1.5.2. Diagnostic
 - 1.5.3. Management and Treatments
 - 1.5.3.1. Medical-Conservative Treatment
 - 1.5.3.2. Surgical Management





Structure and Content | 19 tech

- 1.6. Cicatricial Entropion
 - 1.6.1. Causes
 - 1.6.2. Diagnostic
 - 1.6.3. Management and Treatments
 - 1.6.3.1. Conservative Medical Treatment
 - 1.6.3.2. Surgical Management
- 1.7. Trichiasis
 - 1.7.1. Causes
 - 1.7.2. Diagnostic
 - 1.7.3. Management and Treatments
- 1.8. Distichiasis
 - 1.8.1. Causes
 - 1.8.2. Diagnostic
 - 1.8.3. Management and Treatments
- 1.9. Facial Muscles and Examination of the Patient with Hyperactive Face. Dystonia in Ophthalmology
 - 1.9.1. Benign Essential Blepharospasm
 - 1.9.2. Apraxia of Aperture
 - 1.9.3. Meige's Syndrome
 - 1.9.4. Hemifacial Spasm
- 1.10. Congenital Palpebral Pathology

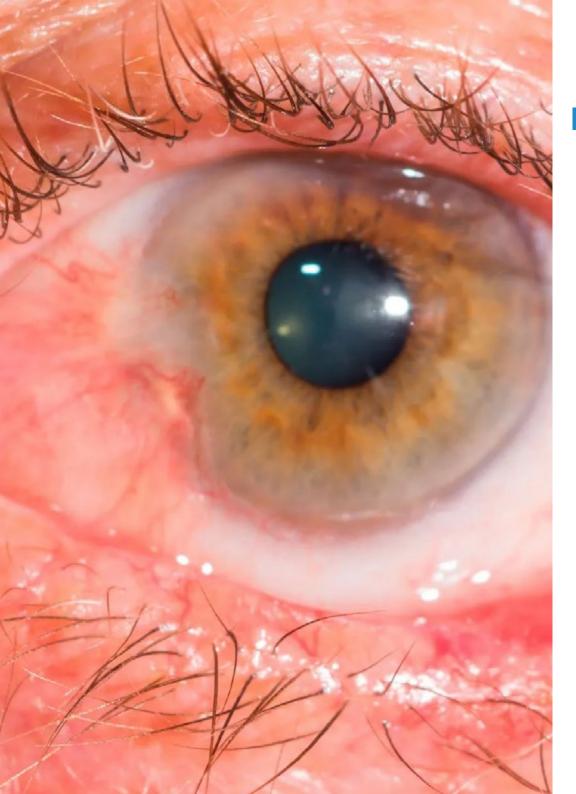
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Module 2. Periorbital Involutional Changes and Periocular Aesthetics

- 2.1. Involutional Changes
- 2.2. Anatomic Considerations
- 2.3. Counseling/Planning
- 2.4. Browplasty
 - 2.4.1. Preoperative Examination
 - 2.4.2. Direct Brow Lift
 - 2.4.3. Endoscopic Brow Lift
 - 2.4.4. Complications
 - 2.4.5. Post-Operative Care
- 2.5. Upper Blepharoplasty
 - 2.5.1. Preoperative Examination
 - 2.5.2. Surgical Technique
 - 2.5.3. Complications
 - 2.5.4. Post-Operative Care
- 2.6. Lower Blepharoplasty
 - 2.6.1. Preoperative Examination
 - 2.6.2. Surgical Technique
 - 2.6.3. Complications
 - 2.6.4. Post-Operative Care
- 2.7. CO2 Laser
 - 2.7.1. Patient Choice
 - 2.7.2. Uses
 - 2.7.3. Complications
- 2.8. Fillings
 - 2.8.1. Types of Fillings
 - 2.8.2. Uses
 - 2.8.3. Complications
- 2.9. Botulinum Toxin
 - 2.9.1. Specific Aspects
 - 2.9.2. Uses
 - 2.9.3. Complications
- 2.10. New Paradigms in Periocular Aesthetics

Module 3. Ptosis, Diagnosis and Treatment

- 3.1. Palpebral Ptosis
- 3.2. Diagnosis and Examination of Palpebral Ptosis
- 3.3. Aponeurotic Ptosis
 - 3.3.1. Senile or Involutional Aponeurotic Ptosis
 - 3.3.2. Congenital Aponeurotic Ptosis
 - 3.3.3. Hereditary or Late Acquired Aponeurotic Ptosis
 - 3.3.4. Aponeurotic Ptosis Associated with Blepharophimosis Syndrome
 - 3.3.5. Aponeurotic Ptosis in Relation to Contact Lens Wearing
 - 3.3.6 Aponeurotic Ptosis in Thyroid Orbitopathy
- 3.4. Myogenic Ptosis
 - 3.4.1. Congenital Myogenic Ptosis. Simple and Complex
 - 3.4.2 Acquired Myogenic Ptosis. Myasthenia Gravis, Myotonic Dystrophy and CPEO
- 3.5. Neurogenic Ptosis
 - 3.5.1. Ptosis due to Paralysis of the III Pair. Congenital and Acquired
 - 3.5.2. Ptosis in Marcus Gunn Syndrome
 - 3.5.3. Ptosis in Horner Syndrome
- 3.6. Pseudoptosis
- 3.7. Techniques of Reinsertion of the Aponeurosis
 - 3.7.1. Simple Reinsertion of the Aponeurosis to the Tarsus. Anterior and Posterior Route
 - 3.7.2 Combined Reinsertion of Aponeurosis to the Tarsus and Whitnall's Ligament. Anterior and Posterior Route
- 3.8. Conjunctivomüllerectomy
- 3.9. Techniques of Resection and Folding of the Aponeurosis of the EPS
 - 3.9.1. Resection of the EPS Aponeurosis
 - 3.9.2. Modified EPS Resection
 - 3.9.3. Folding of the Aponeurosis of the EPS
- 3.10. Frontal Suspension Techniques
 - 3.10.1. Indirect Suspension to the Frontalis Muscle and Materials
 - 3.10.1.1 Direct Suspension to the Frontalis Muscle, Direct Frontalis Flap



Structure and Content | 21 tech

Module 4. Benign/Malignant Palpebral Lesions and Reconstructive Surgery

- 4.1. Skin Anatomy and Appendages
- 4.2. Differential Diagnosis of Palpebral Lesions
- 4.3. Tumors of the Epidermis
- 4.4. Tumors of the Cutaneous Appendages
- 4.5. Pigmented Lesions
- 4.6. Other Palpebral Tumors
 - 4.6.1. Vascular
 - 4.6.2. Fibrous
 - 4.6.3. Muscular
 - 4.6.4. Numerals
 - 4.6.5. Perineural
 - 4.6.6. Lipomatous
 - 4.6.7. Cartilaginous
 - 4.6.8. Lymphoid
 - 4.6.9. Hamartomatous
- 4.7. Biopsy Techniques
 - 4.7.1. Mohs Surgery
 - 4.7.2. Intraoperative Pathological Anatomy
 - 4.7.3. Cold Biopsy
- 4.8. Repair of Anterior Lamellar Defects and Management of Facial Skin Grafts
- 4.9. Repair of Full-Thickness Defects Less Than 50%, 50% to 75% and Greater Than 75%
- 4.10. Assessment of Oncologic Prognosis





tech 24 | Methodology

At TECH we use the Case Method

What should a professional do in a given situation? 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 physician'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:

- Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate 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.





Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

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.

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



Methodology | 27 tech

At the forefront of world teaching, the Relearning 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, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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.

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.

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.

tech 28 | Methodology

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.



Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current 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 exclusive educational system for presenting multimedia content 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 their goals.



Classes

There is scientific evidence on the usefulness of learning by observing experts.

The system known as 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.









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This program will allow you to obtain your **Postgraduate Diploma in Palpebral Pathology** 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.

This **TECH Global University** title 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: Postgraduate Diploma in Palpebral Pathology

Modality: online

Duration: 6 months

Accreditation: 24 ECTS



Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Diploma in Palpebral Pathology

This is a program of 600 hours of duration equivalent to 24 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



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

health confidence people
leducation information tutors
guarantee accreditation teaching
institutions technology learning
community commitment



Postgraduate Diploma Palpebral Pathology

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