



Ocular Pathologies:

Diagnosis and Therapeutics

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Schedule: at your own pace
- » Exams: online

We bsite: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-ocular-pathologies-diagnosis-therapeutics

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Certificate





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Given the widespread affectation caused by Ocular Pathologies such as Glaucoma, Ocular Dystrophies or Uveitis, it is not surprising that these are particularly relevant fields of Clinical Ophthalmology for all specialists in the area. Whether they are developments in the field of telemedicine or their diagnosis, epidemiology and approach, professionals are compelled to update their knowledge with the latest developments.

For this reason, TECH has created this Postgraduate Diploma, relying on the clinical and practical experience of a teaching staff widely versed in the approach to all kinds of Ocular Pathologies. Thanks to an effective combination of theoretical and practical material, the specialist will have access to a fundamental reference guide, with the latest scientific postulates in areas such as new therapies in Uveitis, Corneal Crosslinking, Corneal Infectious Pathology or filtering surgery for Glaucoma.

This content will have great audiovisual reinforcement, as it is mostly based on high quality multimedia content. Created by the teachers themselves, the specialist will have access to videos in detail, real clinical cases, interactive summaries and a repertoire of self-knowledge exercises that are essential for getting up to date in a field that is as advanced as it is relevant in daily practice. A high-level educational option, where you will also have the option to adapt it to your own professional and personal responsibilities, since all the content of the program is accessible 24 hours a day from any device with an Internet connection.

This **Postgraduate Diploma in Ocular Pathologies: Diagnosis and Therapeutics** 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 Clinical Ophthalmology
- 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



Access to an advanced teaching content, where you will be able to examine in depth the latest developments regarding Infectious Corneal Pathologies, the different types of Uveitis and the Pathophysiology of Glaucoma"



An early diagnosis and an adapted and efficient therapy for Ocular Pathologies is vital. With this Postgraduate Diploma, you will be able to learn the latest developments in this field"

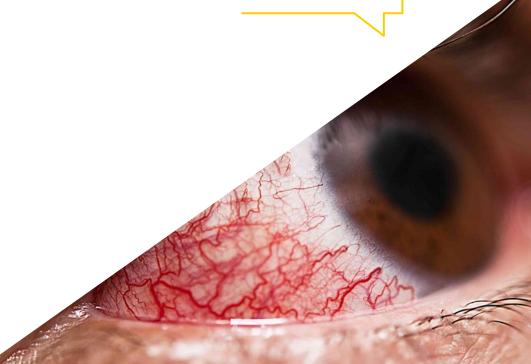
The program's teaching staff includes professionals from sector who contribute their work experience to this program, as well as renowned specialists from leading societies and prestigious universities.

The 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 immersive education programmed to learn in real situations.

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

You will study from a 100% online methodology and with the best teaching resources in the industry. This way you will be able to catch up in a more efficient way.

Get up to date in the latest advances in Glaucoma Diagnosis and its most adapted Therapeutics with this TECH Postgraduate Diploma.







tech 10 | Objectives

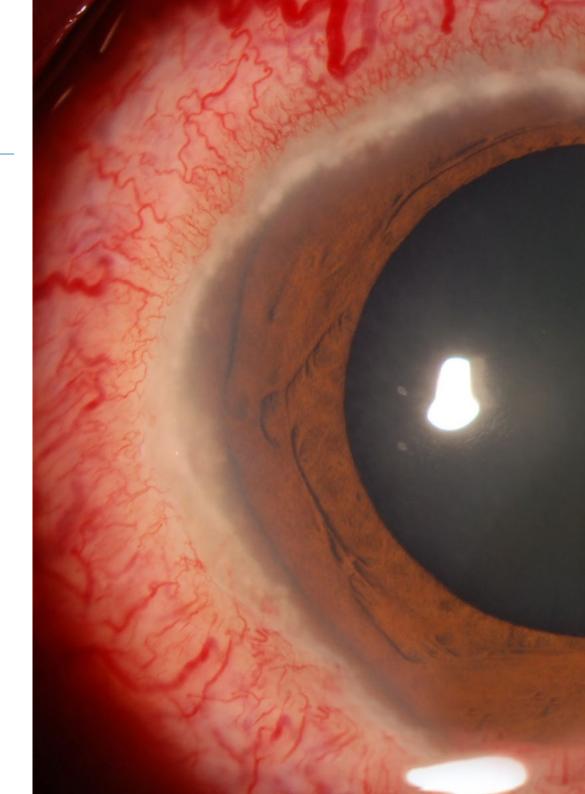


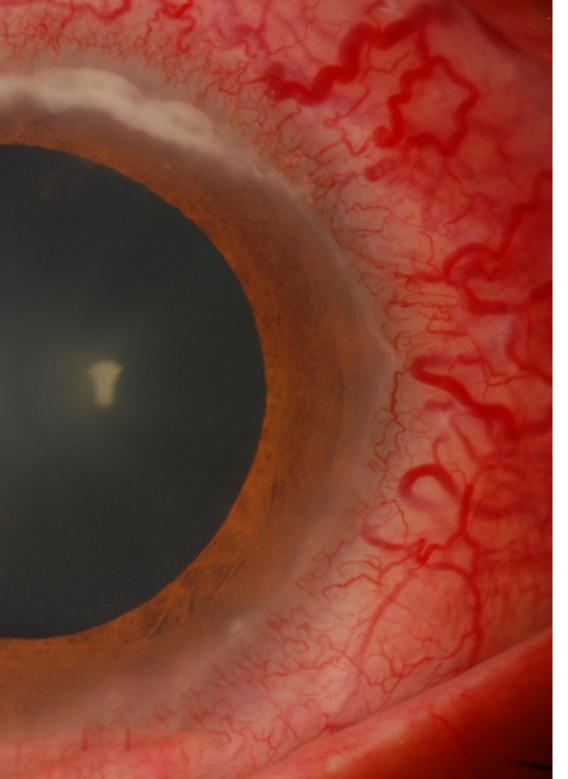
General Objective

 Keep up to date with diagnostic and therapeutic procedures in Ophthalmology, incorporating the latest advances into your daily medical practice in order to increase the quality and safety of care and improve patient prognosis



Achieve your goal of professional updating by studying an educational program that counts not only with the best teaching resources, but also with the teaching of renowned professionals"







Specific Objectives

Module 1. Ocular Surface and Cornea Update

- Describe the different ocular examination methods
- Identify new developments in the approach to corneal and ocular surface pathology
- Get to know the main and most effective methods of intervention
- Develop skills to identify the protocol to follow

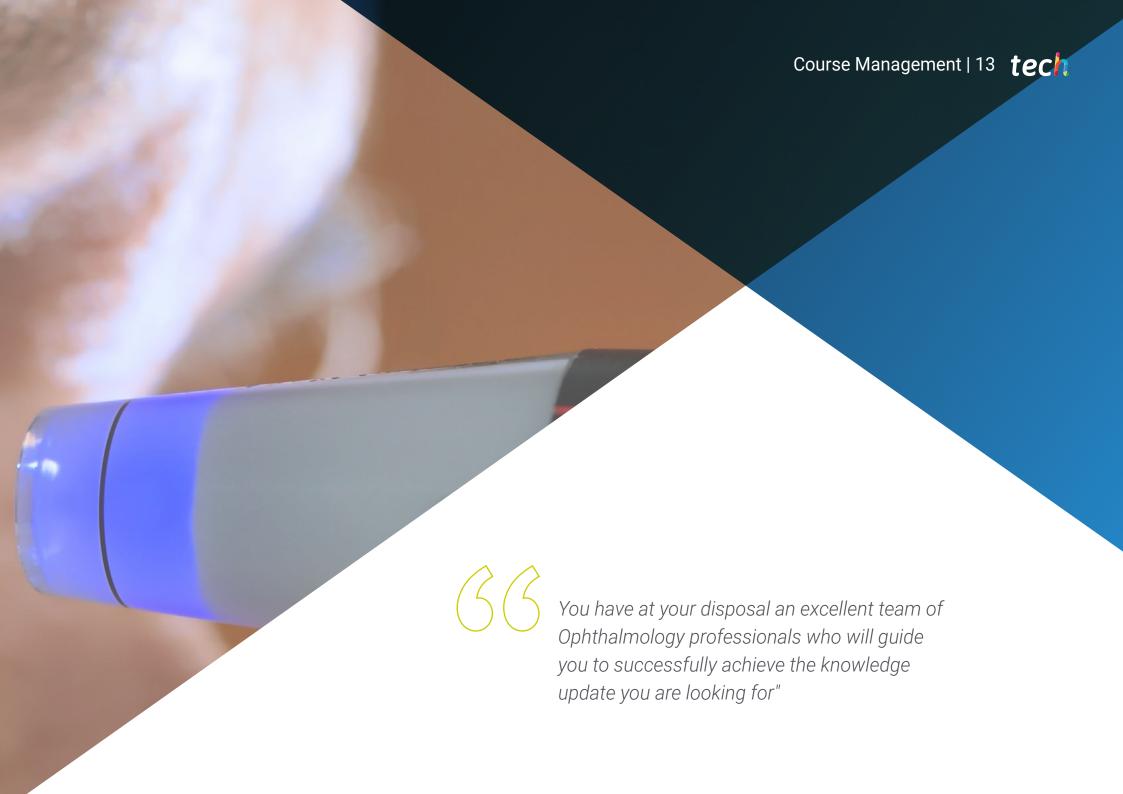
Module 2. Update on Glaucoma

- Incorporate new developments in the management of patients with glaucoma into routine medical practice
- Review the pathophysiology of glaucoma and identify new diagnostic and therapeutic procedures in patients
- Follow current due diligence procedures to improve the development of medical protocols

Module 3. Update on Uveitis

- Identify the different types of uveitis and know the new diagnostic and therapeutic procedures in its management
- Define the ocular manifestations of systemic diseases
- Recognize the patients most prone to this type of complications





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Management



Dr. Navea Tejerina, Amparo

- Medical Director of the Institute of Retina and Ocular Diseases
- FISABIO-Ophthalmology Medical Director (FOM)
- Head of the Retina Unit at FOM
- Specialist in Ophthalmology
- PhD in Medicine, University of Cadiz
- Spanish Society of Ophthalmology (SEO)
- Member of American Academy of Ophthalmology (AAO)
- Member of Association for Research in Vision and Opththalmology (ARVO)
- Member of Sircova
- Member of Oftared

Professors

Dr. Roig Revert, Maria José

- Faculty Specialist in Ophthalmology: Corneal and anterior sedimentary diseases.
 FISABIO Medical Ophthalmology
- Ophthalmology specialist. Castellón Department of Health Castellón General University Hospital
- General Ophthalmology. OFTALVIST
- Ophthalmology specialist. Castellón Provincial Hospital Consortium
- Degree in Medicine from the University of Valencia
- Course in Medicine. Louis Pasteur University and Hautpiérre Hospital. France

Dr. Peris Martínez, Cristina

- Medical Director at FISABIO Medical Ophthalmology (FOM)
- Deputy Medical Director. Cornea and Anterior Segment Disease Unit. Mediterranean Ophthalmological Foundation
- Ophthalmology Assistant Physician Specialist. La Fe University Hospital
- Ophthalmology Assistant Physician Specialist. Virgen de los Lirios Hospital
- Doctor of Medicine and Surgery. University of Valencia
- Master's Degree in Health Management. San Vicente Mártir Catholic University
- MIR, Residency in Ophthalmology. La Fe i Politècnic University Hospital

Dr. Belda Sanchis, José

- Medical Surgeon Ophthalmologist in Visionker
- Ophthalmologist at Ophthalmic Clinic
- Head of Service at the Torrevieja Health Department
- Member of the ophthalmologic team of Baviera Clinic.
- Head of the Ophthalmology Department of the University Hospital of Torrevieja
- Training stays at the Bascom Palmer Eye Institute (Miami), the Moorfield Eye Hospital (London) and the Hospital for the Prevention of Blindness (Mexico City)
- Master's Degree in Integrated Health Services Management by ESADE
- Doctor Cum Laude from the University of Valencia
- Degree in Medicine and Surgery from the University of Alicante

Dr. Fernández López, Ester

- * Ophthalmologist at the Cornea Unit FISABIO Medical Ophthalmology, Valencia
- Implant-refractive ocular surgery specialist
- Degree in Medicine

Dr. Del Buey Sayas, Maria Ángeles

- Resident Medical Intern at the University Clinical Hospital of Zaragoza
- Researcher and collaborator of projects in national and international interdisciplinary groups
- Specialist in Ophthalmology at the Lozano-Blesa Hospital in Zaragoza
- Ophthalmologist at the Aravis Group HC Miraflores
- Associate Professor of Health Sciences at the Faculty of Medicine of the University of Zaragoza

Dr. Fandiño López, Adriana

- Specialist in Ophthalmology at FISABIO Medical Ophthalmology
- Training stays at the Massachusetts Eye Research and Surgery Institution and Moorfields Eye Hospital
- PhD in Health Sciences from CEU Cardenal Herrera University
- Master's Degree in Clinical Research from the San Vicente Mártir Catholic University of Valencia

Dr. Pastor Pascual, Francisco

- Ophthalmology Specialist at Oftalvist
- Degree in Medicine and Surgery from the University of Valencia
- * Specialist in Ophthalmology. La Fe University Hospital
- Doctor "Cum Laude" from the University of Valencia
- Master's Degree in Health Services Management. European Institution of Health and Social Well-being
- Member of: Valencian Society of Ophthalmology, Spanish Society of Ophthalmology, Spanish Society of Implanto-refractive Ocular Surgery

Dr. Urcelay Segura, José Luis

- Head of the Glaucoma Department of the Ophthalmology Department of the Gregorio Marañón Hospital
- PhD from the Complutense University of Madrid
- * Resident Medical Intern in Ophthalmology at the Gregorio Marañón General Hospital
- Degree in Medicine and Surgery, University of the Basque Country
- * Associate Professor of Ophthalmology at the Complutense University of Madrid

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Dr. Espinosa Garriga, Gerard

- Consultant physician of the Autoimmune Diseases Service of the Hospital Clínic of Barcelona
- Consultant of the Autoimmune Diseases Service of the Clinic Hospital of Barcelona
- Teaching Coordinator of the ICMiD of Hospital Clinic
- Researcher specialized in systemic lupus erythematosus
- Principal investigator of the BeliLES-GEAS registry
- Coordinator of the Working Area of Behcet's disease (GEAS)
- Doctorate from the University of Barcelona
- Degree in Medicine from the Autonomous University of Barcelona

Dr. Donate López, Juan

- Ophthalmologist in charge of the Retina and Macular Pathology Unit at the San Carlos Clinical Hospital, Madrid
- Head of the Ophthalmology Department at Hospital de La Luz. Quironsalud Group (Madrid)
- Managing Director of Ophthalmologic Study in Madrid
- Doctor in Ophthalmology from the Complutense University of Madrid
- Degree in Medicine and General Surgery from the University of Salamanca
- Member of: Spanish Macula Club, Spanish Society of Ophthalmology (SEO),
 Spanish Society of Vitreous and Retina (SERV) and Oftared-Retics

Dr. Urcola Carrera, Aritz

- Glaucoma Unit Specialist at Miranza Ókular Clinic
- Head of the Clinical Management Unit at the Araba University Hospital Head of the Glaucoma Unit. Araba University Hospital
- Ophthalmology Area Specialist at the Araba University Hospital
- Head of Glaucoma Unit in Miranza Begitek
- Ophthalmology Specialist at Mendaro Hospital
- Official Doctorate Program in Neuroscience University of the Basque Country
- Doctor of Medicine. Outstanding Cum Laude University of the Basque Country
- Master's Degree in Big Data Business Intelligence, Deusto University
- Master's Degree in Ophthalmology Services Management from the University of Valladolid
- Degree in Medicine, University of Navarra

Dr. Lanzagorta Aresti, Aitor

- Ophthalmologist at the University Research Institute Fisabio Medical Ophthalmology
- Physician in the Glaucoma Unit Fisabio Ophthalmology
- NeuroOphthalmology Unit Fisabio Ophthalmology
- Degree in Medicine from the University of the Basque Country
- PhD, Medicine. University of Valencia
- Residency in Ophthalmology. La Fe University Hospital

Dr. Benítez del Castillo, Javier

- Head of the Ophthalmology Glaucoma Department of Hospital General S.A.S.
- Ophthalmologist at Lansys Costa Oeste Medical Center
- Associate Professor of Ophthalmology at the University of Cadiz
- Member of the European Society of Glaucoma

Dr. Corsino Fernández Vila, Pedro

- Ophthalmologist specialized in Glaucoma, Diode and Refractive Surgery
- Head of the Ophthalmology Department of Pontevedra University Hospital
- Professor of Ophthalmology at the Complutense University of Madrid
- PhD from the Complutense University of Madrid

Dr. Duch Tuesta, Susana

- Director of the Glaucoma Unit of the Condal Institute of Ophthalmology
- Coordinator of the Ocular Traumatology Unit of the Condal Institute of Ophthalmology
- Director of the Ocular Traumatology Unit of ASEPEYO
- Associate Professor at Barcelona University
- Doctor of Medicine from the University of Barcelona
- Postgraduate in Glaucoma at the University of California (San Francisco, USA)

Dr. Martínez de la Casa, José María

- Specialist in Ophthalmology at the Martínez de la Casa Matilda Clinic
- Ophthalmologist and head of the glaucoma department at the Clinical Hospital San Carlos
- Degree in Medicine from the Complutense University of Madrid
- Doctor in Medicine and Surgery, Complutense University of Madrid, Cum Laude
- Master's Degree in Medical Administration and Clinical Management from the National Distance Education University
- Director of the Spanish Journal of Glaucoma and Ocular Hypertension
- Member of the Editorial Board of the journals and Evaluator of different national and international journals
- * Deputy Director of Archives of the Spanish Society of Ophthalmology

Dr. Abreu González, Rodrigo

- Ophthalmologist specializing in Retina and Vitreous at the Candelaria University Hospital Tenerife
- Specialized professional of the Macula Vision Group, of the Abreu Ophthalmology Center and La Candeleria University Hospital in Santa Cruz de Tenerife
- Member of the prestigious societies: Spanish Retina and Vitreous Society (SERV) and American Academy of Ophthalmology (AAO)

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Dr. Fonollosa Calduch, Alex

- Associate Ophthalmologist at Cruces Hospital
- Ophthalmologist at the Retina and Uveitis Section of the Ophthalmologic Institute of Bilbao
- * Assistant in the Ophthalmology Service of the Vall D'Hebron Hospital
- Researcher of the BioCruces Ophthalmology Research Group
- President of the Spanish Society of Ocular Inflammation
- Doctor of Medicine, Autonomous University of Barcelona
- Degree in Medicine from the University of Barcelona

Dr. Gallego Pinazo, Roberto

- Principal Investigator of the La Fe Health Research Institute of OFTARED
- Consultant at the Macula Unit of the Ophthalmology Department of the University and Polytechnic Hospital La Fe of Valencia
- Training stays at Vitreuos Retina Macula Consultants in New York, the Royal Manhattan Eye, Ear and Throat Hospital and the New York University Bellevue Hospital
- Diploma in Advanced Studies in Ophthalmology from the European School of Advanced Studies in Ophthalmology in Lugano (Switzerland)
- Doctor Cum Laude from the University of Valencia
- Degree in Medicine and Surgery from the University of Valencia
- Member of the Orphanet Committee of Experts on Rare Diseases and of the Pan-American Retina Study Group PACORES
- Co-founder of the Spanish Macula Club





Course Management | 19 tech

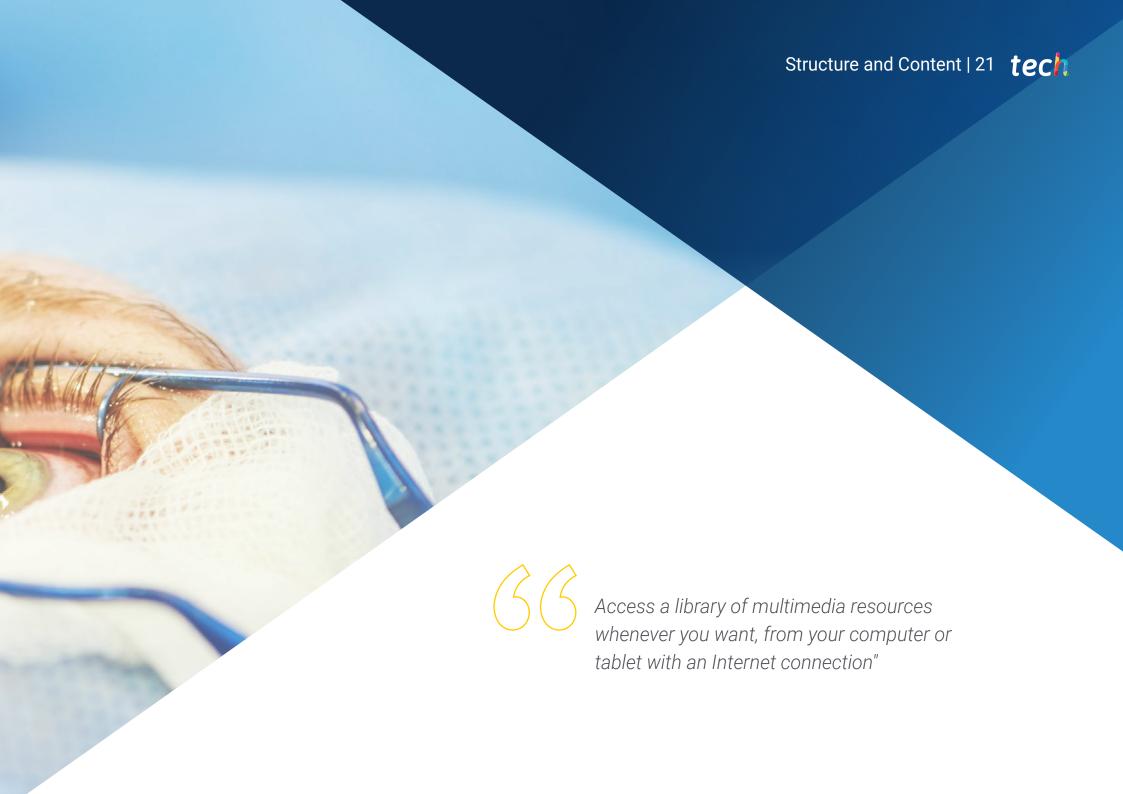
Dr. Capella Elizalde, Maria José

- Ophthalmology Specialist Retina Unit Barraquer Clinic of Barcelona
- Subspecialty in Uveitis and Ocular Inflammation at the Massachusetts Eye Research and Surgery Institution and the Bascom Palmer Eye Institute
- * Degree in Medicine from the Autonomous University of Barcelona
- Member of: International Ocular Inflammation Society, Spanish Society of Ocular Inflammation and Spanish Society of Retina and Vitreous

Dr. Schargel Palacios, Konrad

- Ophthalmology specialist at the San Juan de Alicante Hospital
- Ophthalmologist specialist at the César Rodríguez Hospital
- Ophthalmologist specialist at the Luis Razzetti Hospital
- Member of the Spanish Glaucoma Society
- Examiner of the European Board of Ophthalmology





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Module 1. Ocular Surface and Cornea Update

- 1.1. Corneal Dystrophies.
- 1.2. Dry Eye and Ocular Surface Pathology
- 1.3. Corneal Surgery (PPK, DALK, DSAEK, DMEK)
- 1.4. Corneal Crosslinking
- 1.5. Conjunctival and Corneal Neoplasms
- 1.6. Toxic and Traumatic Lesions of the Anterior Segment
- 1.7. Ectasia (Keratoconus, Pellucid Marginal Degeneration, Post-LASIK Degenerations
- 1.8. Infectious Corneal Pathology I
- 1.9. Infectious Corneal Pathology II

Module 2. Update on Glaucoma

- 2.1. Diagnosis I: Intraocular Pressure and Pachymetry
- 2.2. Diagnosis II: Angle Study: Gonioscopy and Other Methods
- 2.3. Diagnosis III: Campimetry
- 2.4. Diagnosis IV: Analysis of the Papilla and the Nerve Fiber Layer
- 2.5. Pathophysiology of Glaucoma and Classification
- 2.6. Treatment I: Medical
- 2.7. Treatment II: Laser
- 2.8. Treatment III: Filtering Surgery
- 2.9. Treatment IV: Surgery with Tube-Plate Drainage Implants and Cyclodestructive Procedures
- 2.10. New Perspectives in Glaucoma: The Future

Module 3. Update on Uveitis

- 3.1. Epidemiology of Uveitis
- 3.2. Diagnosis of Uveitis
- 3.3. New Treatments in Uveitis
- 3.4. Episcleritis and Scleritis
- 3.5. Acute and Chronic Anterior Uveitis
- 3.6. Intermediate Uveitis and Pars Planitis
- 3.7. Non-Infectious Posterior Uveitis
- 3.8. Infectious Posterior Uveitis









A 100% online program that offers you the latest advances in the diagnosis and treatment of patients with Uveitis"





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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 | 29 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.

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 **Postgraduate Diploma in Ocular Pathologies: Diagnosis and Therapeutics** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Diploma** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Diploma, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: Postgraduate Diploma in Ocular Pathologies: Diagnosis and Therapeutics
Official N° of hours: 450 h.



^{*}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.

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Postgraduate Diploma Ocular Pathologies: Diagnosis and Therapeutics

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Schedule: at your own pace
- » Exams: online

