

Postgraduate Diploma Refractive Surgery Update





Postgraduate Diploma Refractive Surgery Update

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-refractive-surgery-update

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01

Introduction

The evolution of Refractive Surgery goes parallel to the advances in laser technology, the precision of the technique and the scientific studies on its application in certain patients. A progression that, together with its benefits, has a great acceptance within the ophthalmologists' guild and the people who opt for it. In this sense, being aware of a powerful and booming surgical intervention is key for professionals who wish to incorporate the latest innovations into their daily practice. Thus, this 100% online Postgraduate Diploma was created with this purpose in mind, bringing together the most up-to-date information in 450 teaching hours, provided by true experts in this subspecialty. In addition, the graduate will have access to teaching materials, available 24 hours a day.



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You will achieve a Refractive Surgery Update in only 6 months and from the best experts in this subspecialty”

Around 4 million refractive surgeries are performed each year worldwide. These figures show the boom in this surgical procedure, where the use of laser technology and the implantation of intraocular lenses is frequent. In view of this development and its great acceptance by patients, ophthalmologists must keep abreast of the most important advances in this field.

Thus, in order to facilitate this process of updating in this field, this academic institution has decided to design a first class academic proposal, developed by a teaching team with accumulated surgical and scientific research experience. Thus, students taking this 6-month Postgraduate Certificate program will have access to a syllabus prepared with the utmost rigor and the latest information.

It is, therefore, an excellent opportunity to keep abreast of advances in patient evaluation procedures to determine their suitability for this surgery, the improvement of excimer laser techniques or the approach to Glaucoma. All this, in addition, with video summaries of each topic, in focus videos, specialized readings and clinical case studies.

In addition, thanks to the Releraning system, students will consolidate the concepts addressed in a simple way, thus reducing the long hours of study and memorization that are so frequent in other teaching methodologies.

A flexible and convenient Postgraduate Diploma that adapts to the daily agendas of the professionals who take it. They only need a digital device with an Internet connection to view the program of this course, which is available at any time of the day.

This Postgraduate Diploma in Refractive Surgery Update contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of case studies presented by experts in Ophthalmology and Refractive 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 self-assessment can be used 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



Delves into the latest scientific evidence for treating Myopia, Hyperopia or Astigmatism with Refractive Surgery”

“

Multimedia clips, specialized readings and case studies will allow you to get a much more attractive update on Refractive Surgery”

The program's teaching staff includes professionals from the field who contribute their work experience to this educational 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 students will be assisted by an innovative interactive video system created by renowned and experienced experts.

Delve into the evolution of lasik and the tissue effects of the excimer laser from your laptop connected to the internet.

You will be up to date on the algorithm for ametropia and patients requiring Refractive Surgery.



02

Objectives

The evolution of the technique, but especially the incorporation of laser technology, has given an important boost to Refractive Surgery. Thus, in order for the specialist to obtain an effective update, TECH has designed a program with the maximum scientific rigor and providing case studies that further facilitate this updating process. In this way, the professional will be able to integrate the latest advances in this field into his or her clinical practice.



“

You will be up to date on the algorithm for ametropia and patients requiring Refractive Surgery”



General Objectives

- ♦ To delve into the basic principles of optics, as well as refractive defects and their treatment possibilities
- ♦ Describe the corneal morphology and function on which much of Refractive Surgery is applied
- ♦ To deepen into the operation of an excimer laser and what are the fundamental characteristics of some excimer platforms
- ♦ To investigate the indications and contraindications of Refractive Surgery, as well as the algorithms used for the surgery
- ♦ Obtain an update on the studies to be performed on patients in order to correctly assess the indication for surgery
- ♦ Describe the processes of preparation for Refractive Surgery
- ♦ Deep dive into the different techniques applied on the cornea for the correction of refractive errors
- ♦ Identify the surgeries that can be performed on the crystalline lens to eliminate the graduation defects of patients
- ♦ Be aware of the different lenses that are used for this surgery without acting on the cornea or lens
- ♦ Go deeper into the relationship between Glaucoma and Refractive Surgery





Specific Objectives

Module 1. Optics and refractive errors: therapeutic options

- ♦ Go deeper into the anatomy and physical optics of the human eye
- ♦ Point out the principles of geometrical optics
- ♦ Update the knowledge of the methods of measurement and diagnosis of refractive defects
- ♦ Go deeper into the options for correcting these defects

Module 2. Excimer laser: platforms and operation

- ♦ Investigate the beginnings of the excimer laser, as well as its evolution since the beginning of its use in Ophthalmology
- ♦ Point out how the treatment works and what actions it generates in the human cornea
- ♦ Delve into the basic mathematics of excimer laser surgery

Module 3. Decision Algorithms in Refractive Surgery

- ♦ Identify the decision algorithms in the inclusion or not of a patient for Refractive Surgery
- ♦ Delve into the dioptric limits of each refractive defect for refractive surgery
- ♦ Point out the ocular pathological processes that will cause the surgery to be delayed, modified in its technique or not performed

Module 4. Refractive Surgery and Glaucoma

- ♦ Identify the clinical forms of Glaucoma
- ♦ Delve into how the diagnosis of Glaucoma is made
- ♦ To establish the relationship between Glaucoma and Corneal and Intraocular Refractive Surgery, as well as the follow-up of these patients

03

Course Management

TECH has brought together in this program the best ophthalmology professionals in the field of Refractive Surgery and in the research area of this discipline. In this way, students will have access to a quality syllabus that meets their updating needs through information provided by authentic experts. Undoubtedly a unique opportunity that only this academic institution, the largest digital university in the world, can offer.



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Distinguished specialists in the field of Ophthalmology have developed the most advanced program in Refractive Surgery in the current academic scene”

International Guest Director

Dr. Beeran Meghpara is an internationally renowned ophthalmologist specializing in Cornea, Cataract and Laser Refractive Surgery.

He has served as Director of Refractive Surgery and member of the Cornea Service at Wills Eye Hospital in Philadelphia, a world leading center in the treatment of eye diseases. Here, this expert has performed all forms of Corneal Transplantation, including Partial Thickness DMEK and DALK. In addition, he has extensive experience with the latest technology in Cataract Surgery, including Femtosecond Laser and Intraocular Lens Implants, which correct Astigmatism and Presbyopia. He also specializes in the use of Bladeless Custom LASIK, Advanced Surface Ablation and Phakic Intraocular Lens Surgery to help patients reduce their dependence on glasses and contact lenses.

In addition, Dr. Beeran Meghpara has excelled as a scholar by publishing numerous articles and presenting his research at local, national and international conferences, contributing to the field of Ophthalmology. Likewise, he has been honored with the prestigious Golden Apple Resident Teaching Award (2019), in recognition of his dedication to teaching residents in Ophthalmology. In addition, he has been selected by his peers as one of Philadelphia magazine's Best Doctors (2021-2024) and Best Doctor by Castle Connolly (2021), a leading research and information resource for patients seeking the best medical care.

In addition to his clinical and academic work, he has served as an ophthalmologist for the Philadelphia Phillies baseball team, underscoring his ability to handle highly complex cases. In this sense, his commitment to technological innovation, as well as his excellence in medical care, continues to raise the standards in ophthalmic practice worldwide.



Dr. Meghpara, Beeran

- Director of the Department of Refractive Surgery at Wills Eye Hospital, Pennsylvania, United States
- Ophthalmic Surgeon at the Center for Advanced Ophthalmic Care, Delaware
- Fellow in Cornea, Refractive Surgery and External Disease at the University of Colorado
- Resident Ophthalmology Physician at Cullen Eye Institute, Texas
- Intern at St. Joseph's Hospital, New Hampshire
- Doctor of Medicine from the University of Illinois, Chicago
- Graduate of the University of Illinois, Chicago
- Selected for the Alpha Omega Alpha Medical Honor Society
- Awards: Golden Apple Resident Teaching Award (2019), Best Doctor from Philadelphia Magazine (2021-2024) , Best Doctor from Castle Connolly (2021)



Thanks to TECH, you will be able to learn with the best professionals in the world”

Management



Dr. José Miguel Román

- Ophthalmologist at Oftalvist Málaga
- Ophthalmologist at Vissum Madrid
- Ophthalmologist at Dubai International Medical Center
- Medical Director of Vissum Madrid Sur and Vissum Málaga
- Specialist in Ophthalmology, San Carlos Hospital Clinic, Madrid.
- Doctor of Ophthalmology
- Degree in Medicine and General Surgery from the Universidad Autónoma de Madrid.
- Member of: Spanish Society of Ophthalmology and International Society of Ocular Inflammation, International Society of Ocular Inflammation



Dr Hazem Alaskar Alani

- Ophthalmologist at Oftalvist Málaga
- Surgical Director of Poniente University Hospital
- Head of the Ophthalmology Diseases Department, of Poniente Hospital
- Specialist in Ophthalmology at the Puerta De las Nieves University Hospital
- Degree in Medicine and Surgery from the University of Valencia
- Doctor of Medicine and Surgery from the University of Almería.
- Master's Degree in Health Management and Planning, European University of Madrid.
- Master's Degree in Ophthalmology Medicine from Cardenal Herrera University.
- Member of: European Retina Society EURETINA, SEDISA, The Spanish Society of Health Managers, Fellow of the European Board of Ophthalmology, FEBO European Society of Cataract and Refractive Surgery, ESCRS, Spanish Society of Implantable Refractive Surgery SECOIR, Andalusian Society of Ophthalmology AS AO, Spanish Society of Retina and Vitreous SERV, Fellow of the European School of Retina and Vitreous Surgery EVRS

Professors

Dr. Gracia Castro de Luna

- ♦ Specialist in Ophthalmology at the Virgen Macarena University Hospital in Seville
- ♦ Founder of Startup Neurobia Research on neurorehabilitation with Virtual Reality
- ♦ Principal investigator of a research project on custom contact lens design based on corneal reconstruction algorithm
- ♦ Associate Professor in the Nursing, Physiotherapy and Medicine Department at the University of Almería
- ♦ Co-author of a patent on virtual neurorehabilitation software and Co-author of a patent on corneal surface reconstruction
- ♦ Royal Academy of Oriental Medicine Award for best scientific publication
- ♦ Award of the College of Physicians of Almeria to the best publication in specialized care
- ♦ Award of the Social Council of the University of Almeria to the best entrepreneurial initiative
- ♦ ALMUR Business Innovation Award
- ♦ Degree in Medicine and Surgery from the University of Granada
- ♦ Grade in Pharmacy Medicine from the Alfonso X El Sabio University of Madrid
- ♦ Doctor of Medicine from the University Miguel Hernández
- ♦ Diploma in Epidemiology and Clinical Research from the Andalusian School of Public Health



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A unique, key, and decisive educational experience to boost your professional development”

04

Structure and Content

The academic itinerary of this program will lead the ophthalmologist professional to deepen in the most recent advances in Refractive Surgery. Thus, through innovative teaching resources, clinical case studies and extensive supplementary material you will get a complete update on this subspecialty. In addition, the content will be available 24 hours a day, 7 days a week and can be accessed comfortably from a cell phone, tablet or computer with an Internet connection.



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Thanks to the Relearning method, you will progress through the syllabus, consolidating the concepts in a simple way and reducing the hours of study”

Module 1. Optics and refractive errors: therapeutic options

- 1.1. Optics of the Human Eye
 - 1.1.1. General Aspects
 - 1.1.2. Cornea
 - 1.1.3. Lens
 - 1.1.4. Wavefront
 - 1.1.5. Reflection and refraction applied
 - 1.1.6. Interference, diffraction and polarization
- 1.2. Geometric Optics
 - 1.2.1. Fundamental laws of geometrical optics
 - 1.2.2. Characterization of optical systems
 - 1.2.3. Ray Tracing
 - 1.2.4. Optical prisms
- 1.3. Examination of refractive errors
 - 1.3.1. Schiascopy
 - 1.3.2. Cylinder conversion
 - 1.3.3. Spherical equivalent
 - 1.3.4. Crossed cylinders
- 1.4. Diagnostic methods and measures I
 - 1.4.1. Quantification of visual acuity (VA)
 - 1.4.2. Optotypes and notation for distance, intermediate and near vision
 - 1.4.3. Blur curves
 - 1.4.4. Evaluation of visual quality
- 1.5. Diagnostic methods and measures II
 - 1.5.1. Contrast Sensitivity
 - 1.5.2. Glare measurements. Halometry
 - 1.5.3. Concepto de Point Spread Function (PSF) y Modulation Transfer Function (MTF)
 - 1.5.4. Sistema de análisis de la calidad óptica
- 1.6. Diagnostic methods and measures III
 - 1.6.1. Chromatic Vision
 - 1.6.2. Pupil and depth of field and depth of focus
 - 1.6.3. Importance of the tear and the ocular surface in visual quality
 - 1.6.4. Importance of vitreous and retina in visual quality
- 1.7. Myopia
 - 1.7.1. Classification
 - 1.7.2. Etiology
 - 1.7.3. Optical treatment
 - 1.7.4. Medical- Surgical Treatment
- 1.8. Hyperopia
 - 1.8.1. Classification
 - 1.8.2. Etiology
 - 1.8.3. Optical treatment
 - 1.8.4. Medical- Surgical Treatment
- 1.9. Astigmatism
 - 1.9.1. Classification
 - 1.9.2. Etiology
 - 1.9.3. Optical treatment
 - 1.9.4. Medical- Surgical Treatment
- 1.10. Presbyopia
 - 1.10.1. Etiology
 - 1.10.2. Optical treatment
 - 1.10.3. Medical Treatment
 - 1.10.4. Surgical Management

Module 2. Excimer laser: platforms and operation

- 2.1. Physical principles of the excimer laser
 - 2.1.1. Concept: Laser and Excimer
 - 2.1.2. Wave Length
 - 2.1.3. Description of the excimer laser
 - 2.1.4. Emission systems
- 2.2. Evolution of Lasik
 - 2.2.1. Introduction
 - 2.2.2. Keratophakia
 - 2.2.3. Epikeratophakia
 - 2.2.4. Automated in situ lamellar keratomileusis
- 2.3. Tissue effects of the excimer laser
 - 2.3.1. Introduction
 - 2.3.2. Experimental Studies
 - 2.3.3. Standard Lasik
 - 2.3.4. Complicated Lasik
- 2.4. Scarring changes
 - 2.4.1. Introduction
 - 2.4.2. Changes in the tear film
 - 2.4.3. Changes in the corneal epithelium
 - 2.4.4. Changes in the corneal stroma
- 2.5. Mathematics for Lasik
 - 2.5.1. Ablation depth per diopter
 - 2.5.2. Dogmas of lasik
 - 2.5.3. Mathematics for primary Lasik
 - 2.5.4. Mathematics for Lasik retouching
- 2.6. Lasik predictive formulas
 - 2.6.1. Pretreatment protocols
 - 2.6.2. Ablation protocols: single and multimodal zone
 - 2.6.3. Imitating of correction for primary lasik
 - 2.6.4. Adjustment Actors for refractive correction with lasik

- 2.7. Amaris 1050 RS Laser
 - 2.7.1. Characteristics and Techniques
 - 2.7.2. Eyetracker 7D
 - 2.7.3. Versatile software and Smart surfACE
 - 2.7.4. Advantages
- 2.8. MEL 90 Laser
 - 2.8.1. Characteristics and Techniques
 - 2.8.2. Flexibility
 - 2.8.3. Triple A
 - 2.8.4. Presbyond
- 2.9. Wavelight EX 500 Laser
 - 2.9.1. Characteristics and Techniques
 - 2.9.2. CustomQ Ablation
 - 2.9.3. Transepithelial PRK
 - 2.9.4. READ Treatment
- 2.10. Femtosecond laser
 - 2.10.1. Characteristics and Techniques
 - 2.10.2. Function and advantages over microkeratomes
 - 2.10.3. Ziemer Z8 and Catalys
 - 2.10.4. Wavelight FS200, IFS Advanced yVictus

Module 3. Decision Algorithms in Refractive Surgery

- 3.1. General decision algorithm in Refractive Surgery
 - 3.1.1. Refractive stability
 - 3.1.2. Contraindications
 - 3.1.3. Background
 - 3.1.4. Ametropia algorithm
- 3.2. Refractive stability
 - 3.2.1. Myopia
 - 3.2.2. Hyperopia
 - 3.2.3. Astigmatism
 - 3.2.4. Selection Criteria

- 3.3. Contraindications and systemic medication
 - 3.3.1. Absolute general contraindications
 - 3.3.2. Relative general contraindications
 - 3.3.3. Systemic medication: Tear and cornea
 - 3.3.4. Systemic medication Pupil and refractive alteration
- 3.4. Conjunctivo palpebral pathology
 - 3.4.1. Stye
 - 3.4.2. Chalation
 - 3.4.3. Allergy
 - 3.4.4. Pathology
- 3.5. Corneouveal pathology
 - 3.5.1. Leukomas
 - 3.5.2. Acute inflammations
 - 3.5.3. Active uveitis
 - 3.5.4. Inactive uveitis
- 3.6. Peripheral Corneal Ectasias and Ulcers
 - 3.6.1. Keratoconus/ Pellucid marginal degeneration
 - 3.6.2. After Lasik
 - 3.6.3. Infectious-inflammatory ulcers
 - 3.6.4. Dystrophies
- 3.7. Dry eyes
 - 3.7.1. Indications for dryness assessment
 - 3.7.2. Schirmer y Tiempo de ruptura (BUT)
 - 3.7.3. Rose of Bengal
 - 3.7.4. Lasik and dry eye
- 3.8. Binocular vision impairment
 - 3.8.1. Anisometropia
 - 3.8.2. Forias
 - 3.8.3. Trophies
 - 3.8.4. Amblyopia



- 3.9. Intraocular Pressure Alteration (IOP)
 - 3.9.1. IOP considerations
 - 3.9.2. Ocular Hypertension
 - 3.9.3. Glaucoma
 - 3.9.4. Future assessments of IOP
- 3.10. Algorithm in ametropia and pediatrics
 - 3.10.1. Myopia
 - 3.10.2. Hyperopia
 - 3.10.3. Astigmatism
 - 3.10.4. Pediatric Refractive Surgery

Module 4. Refractive Surgery and Glaucoma

- 4.1. Basic aspects of Glaucoma
 - 4.1.1. Epidemiology
 - 4.1.2. Prevalence
 - 4.1.3. Risk Factors
 - 4.1.4. Follow-up protocol
- 4.2. Exploración I
 - 4.2.1. IOP
 - 4.2.2. Gonioscopy
 - 4.2.3. Angle
 - 4.2.4. Optic nerve head
- 4.3. Exploration II
 - 4.3.1. Visual field
 - 4.3.2. Imaging and Glaucoma
 - 4.3.3. Progression
 - 4.3.4. Genetics
- 4.4. Clinical Forms
 - 4.4.1. Ocular hypertension (OHT)
 - 4.4.2. Primary open angle glaucoma
 - 4.4.3. Primary closed angle glaucoma
 - 4.4.4. Congenital Glaucoma
- 4.5. Clinical forms II
 - 4.5.1. Primary and secondary angular closure
 - 4.5.2. Pseudoexfoliative and pigmentary glaucoma
 - 4.5.3. Glaucoma in children and adolescents
 - 4.5.4. Glaucoma secondary to ocular surgery
- 4.6. Treatment I
 - 4.6.1. Target IOP
 - 4.6.2. Hypotensive drugs
 - 4.6.3. Dietary supplements
 - 4.6.4. Neuroprotection
- 4.7. II Treatment
 - 4.7.1. Laser surgery Trabeculoplasty
 - 4.7.2. Classic trabeculectomy
 - 4.7.3. Non-penetrating deep sclerectomy (NPS)
 - 4.7.4. Valve implants
- 4.8. Intraocular Lens Refractive Surgery and Glaucoma
 - 4.8.1. Angle support lenses and Glaucoma
 - 4.8.2. Iris-anchored lenses and Glaucoma
 - 4.8.3. Multifocal Lenses and Glaucoma
 - 4.8.4. Postoperative Aftercare
- 4.9. Corneal Refractive and Glaucoma Surgery
 - 4.9.1. Refractive Surgery Considerations for Glaucoma Patients
 - 4.9.2. Effects of Refractive Surgery on Glaucoma
 - 4.9.3. Tracking algorithm
 - 4.9.4. Risk factors in the progression of myopic glaucoma after corneal refractive surgery
- 4.10. Final Aspects
 - 4.10.1. Methods of IOP measurement after surgery
 - 4.10.2. Postoperative Dry Eye and Glaucoma Treatment
 - 4.10.3. Effect of corticosteroids on IOP
 - 4.10.4. Addressing complications

05

Methodology

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

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



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

At TECH we use the Case Method

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. Gervas, 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.

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

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

1. 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.



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.

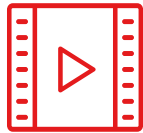
Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

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

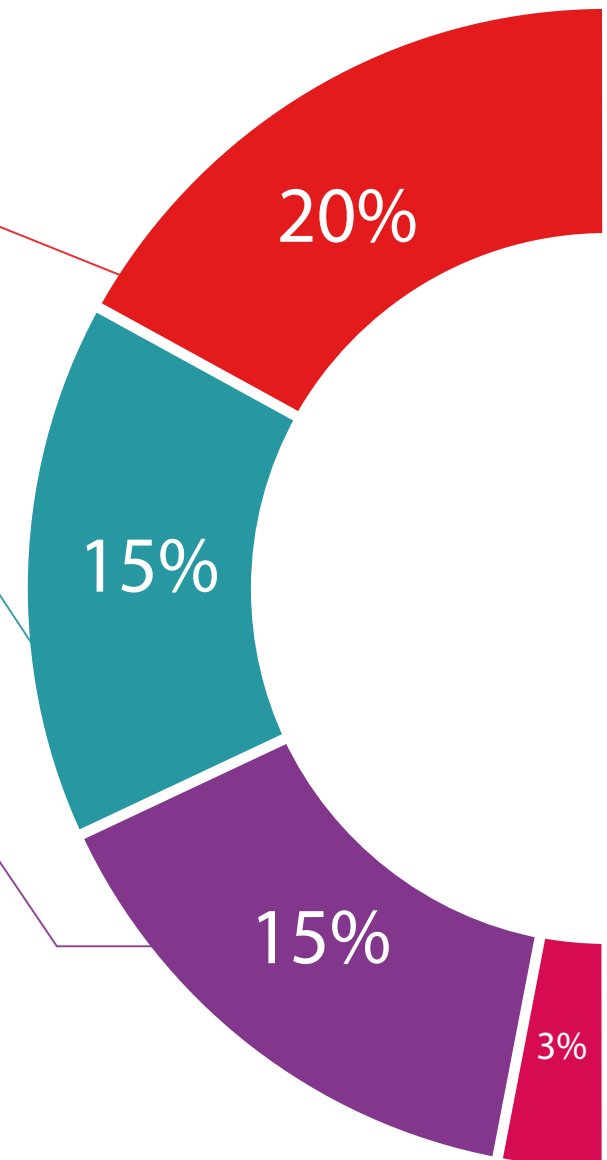
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

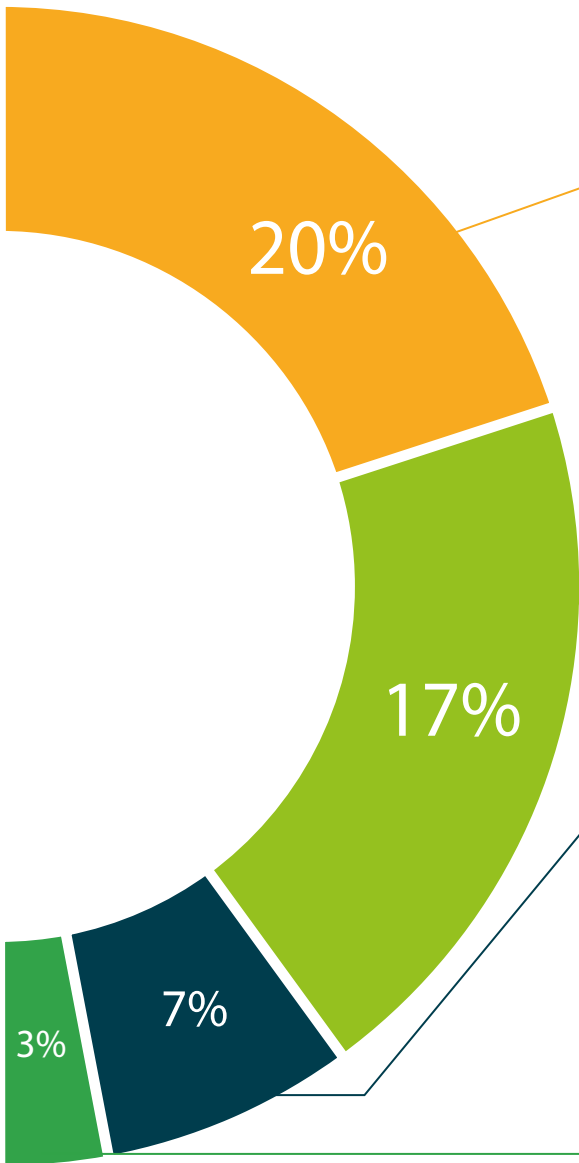
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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.



06

Certificate

The Postgraduate Diploma Refractive Surgery Update guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.



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

This Postgraduate Diploma in Preoperative Refractive Surgery contains the most complete and up-to-date scientific 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 Refractive Surgery Update

Official N° of Hours: 600 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.

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



Postgraduate Diploma Refractive Surgery Update

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Postgraduate Diploma Refractive Surgery Update

