

Postgraduate Diploma

Pediatric Neuro-Ophthalmology
and Comprehensive Approach
to the Anterior Segment



Postgraduate Diploma Pediatric Neuro-Ophthalmology and Comprehensive Approach to the Anterior Segment

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/medicine/postgraduate-certificate/postgraduate-diploma-pediatric-neuro-ophthalmology-comprehensive-approach-anterior-segment

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01

Introduction

Visual health is essential, since eye problems can affect the daily life of any person. In the specific case of children, it is essential to take care of all types of eye conditions, being the infant stage one of the most important for their physical and cognitive development and progression. Therefore, it is vital that specialists keep up to date and incorporate the latest techniques in diagnosis and treatment of pediatric ocular pathologies. Because of this, TECH has developed this academic program, designed to offer the physician a complete and high quality update. In addition, the program has a 100% online methodology, based on *Relearning* and the analysis of real clinical cases.



“

Get up-to-date in Pediatric Neuro-ophthalmology and manage ophthalmologic conditions related to the nervous system in young patients. Enroll now!”

The mastery of Pediatric Neuro-ophthalmology will enable the specialist to effectively manage the complex interactions between the nervous system and vision in childhood. At the same time, the Comprehensive Approach to the Anterior Segment will provide you with the tools to diagnose and treat a wide range of pediatric ocular conditions. Both approaches combined will allow you to provide comprehensive care tailored to the specific needs of each child, thereby promoting optimal visual health from an early age.

In this context, this TECH Postgraduate Diploma will focus on pediatric neuro-ophthalmologic diseases, also emphasizing the Comprehensive Approach to the Anterior Segment. The physician will address palpebral pathology (general conditions and congenital ptosis), and orbital pathology, including tumors. In addition, the challenges posed by congenital lacrimal obstruction, conjunctival pathology (infectious and inflammatory) and developmental disorders of the anterior segment will be analyzed.

In addition, the evaluation of pediatric glaucoma (congenital and juvenile), as well as other, as well as other types associated with ocular pathologies. The specialist will also investigate pediatric uveitis, dividing it into examination and diagnosis, anterior, intermediate and posterior uveitis. Add to this the latest in diagnostic and treatment procedures for aniridia.

Similarly, the graduate will be immersed in pediatric neuro-ophthalmologic conditions such as nystagmus, supranuclear and internuclear ocular motility disorders, congenital optic nerve anomalies, optic atrophy and optic nerve drusen. Finally, papillary edema, intracranial hypertension and pupillary abnormalities will be discussed.

It is a program that will provide students with a solid theoretical foundation, preparing them for application in practical situations. This is achieved thanks to the leadership and support of an outstanding faculty, composed of experts with extensive professional experience. TECH offers access to the exclusive Relearning methodology, an innovative pedagogy based on the repetition of key concepts, ensuring an effective assimilation of knowledge.

This **Postgraduate Diploma in Pediatric Neuro-Ophthalmology and Comprehensive Approach to the Anterior Segment** 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 Pediatric Neuro-Ophthalmology in and Comprehensive Approach to the Anterior Segment
- ♦ 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



With this Postgraduate Diploma you will deepen in the Comprehensive Approach of the Anterior Segment, essential to diagnose and treat a wide variety of pediatric ocular conditions"

“

You will analyze aniridia, a rare disease of congenital and hereditary origin that affects 1 in every 100,000 newborns in Spain”

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.

You will investigate the causes of pediatric optic neuritis, which can have an infectious, inflammatory, toxic or demyelinating origin.

You will approach the treatment of congenital ptosis, through frontal suspensory surgery.



02 Objectives

The main objective of this program is to provide the physician with a deep and practical knowledge in Pediatric Neuroophthalmology and the Comprehensive Approach to the Anterior Segment, allowing them to understand and effectively manage the various ocular pathologies in children. In this sense, you will be equipped with specialized skills for comprehensive and quality ophthalmologic care. In addition, the qualification integrates innovative multimedia resources and adopts the revolutionary Relearning methodology, which reinforces the assimilation of essential concepts. TECH guarantees the student the best academic results, long-term knowledge retention and a practical application according to the healthcare demand.



“

You will broaden your horizons and perfect your daily medical practice throughout the 450 hours of this Postgraduate Diploma”



General Objectives

- ◆ Acquire a thorough and up-to-date knowledge of the diagnosis and treatment of ophthalmologic conditions in children, including neonates and infants
- ◆ Understand and address ocular anterior segment pathologies, including palpebral, orbital, conjunctival pathology, developmental alterations of the anterior segment, and corneal and ectatic diseases in the pediatric age group
- ◆ Become familiar with the diagnosis and management of pediatric glaucoma, pediatric uveitis, aniridia and other conditions related to the anterior segment
- ◆ Delve into the field of pediatric neuro-ophthalmology, covering topics such as nystagmus, supranuclear motility disorders, congenital optic nerve anomalies and hereditary optic neuropathies



Bet on TECH! Thanks to this Postgraduate Diploma you will make a difference and contribute to the visual well-being of the youngest"





Specific Objectives

Module 1. Anterior Segment Pathology

- ♦ Identify, Diagnose and treat common pediatric palpebral conditions
- ♦ Understand congenital ptosis and its impact on children's vision
- ♦ Analyze pediatric orbital diseases and conditions, such as cellulitis
- ♦ Identify the clinical signs and management of orbital pathology in children
- ♦ Identify common pediatric ocular infections and their management
- ♦ Understand the causes and treatment of conjunctival inflammation in children in the pediatric population
- ♦ Study the congenital alterations of the anterior ocular segment and their diagnosis
- ♦ Identify the clinical implications and treatment options in cases of malformations
- ♦ In-depth study of developmental disorders of the anterior segment, such as anterior chamber abnormalities
- ♦ Recognize corneal and ectatic disorders in children, such as keratoconus

Module 2. Anterior Segment Pathology I

- ♦ Understand the pathophysiology and clinical manifestations of primary congenital glaucoma
- ♦ Identify and differentiate juvenile glaucoma from other forms of pediatric glaucoma
- ♦ Recognize and diagnose secondary glaucomas in children, such as aphakic glaucoma
- ♦ Identify the most common causes of uveitis in children and their initial management
- ♦ Differentiate between types of anterior uveitis in children and their clinical manifestations
- ♦ Study intermediate uveitis in childhood and its relation to systemic diseases
- ♦ Recognize posterior uveitis and its complications in children
- ♦ Understand the characteristics of aniridia and its association with other ocular problems

Module 3. Pediatric Neuro-Ophthalmology

- ♦ Identify types of nystagmus in children and their classification
- ♦ Study supranuclear and internuclear ocular motility disorders in childhood
- ♦ Perform specialized testing and evaluation of pediatric patients with these disorders
- ♦ Identify congenital anomalies of the optic nerve in children and their association with visual problems
- ♦ Recognize hereditary optic neuropathies in childhood and their features
- ♦ Understand optic atrophy in children and its causes
- ♦ Identify cases of optic neuritis in children and its relation to systemic diseases
- ♦ Differentiate between pseudopapilledema and papillary edema in the pediatric population
- ♦ Identify papillary edema and its relation to intracranial hypertension in children
- ♦ Recognize pupillary abnormalities in children and their importance in neurological diagnosis

03

Course Management

The team of teachers of this Postgraduate Diploma is presented as a group of visionary professionals, dedicated to guide the academic trajectory of the specialist towards excellence in Pediatric Neuro-ophthalmology and Comprehensive Approach of the Anterior Segment. With an extensive background in their fields, they are committed to share their knowledge and real-world experiences to enrich the graduate's career. Through expert guidance, the student will bring all these concepts to real life, improving their ability to diagnose and treat pediatric ophthalmologic conditions effectively.





“

Exceptional faculty will broaden your perspectives and prepare you to lead in the field of Pediatric Neuroophthalmology and Comprehensive Anterior Segment Approach.”

Management



Dr. Sánchez Monroy, Jorge

- ♦ Corresponsable for Pediatric Ophthalmology at Quirónsalud Hospital in Zaragoza
- ♦ Specialist in the Ophthalmology Miguel Servet University Hospital in Zaragoza
- ♦ Master'in in Clinical Ophthalmology from UCJC
- ♦ Degree in Medicine from the University of Zaragoza
- ♦ Expert in Pediatric Neurophthalmology and Strabismus
- ♦ Postgraduate Diploma in Ophthalmology and Vision Sciences

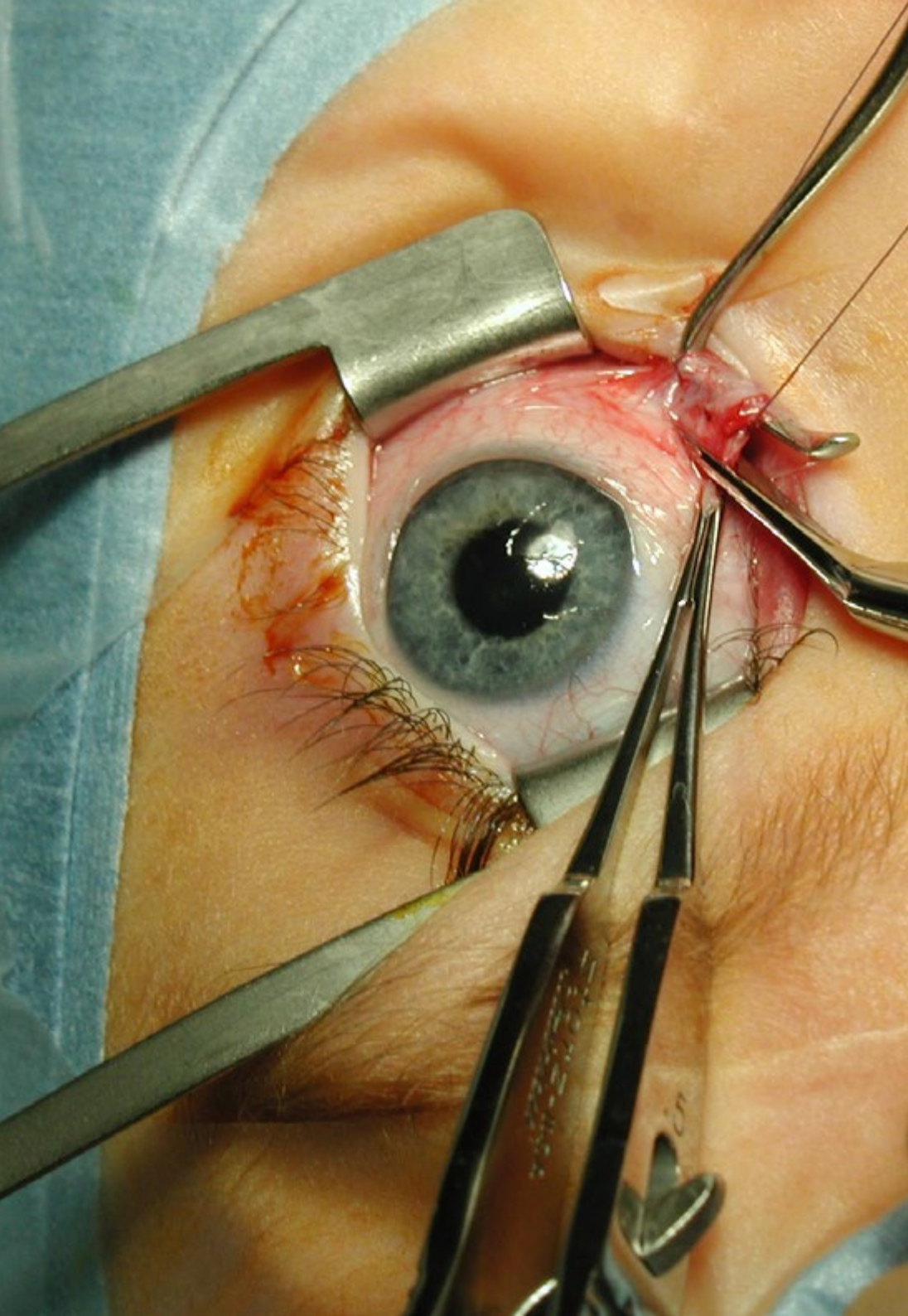
Professors

Dr. Romero Sanz, María

- ♦ Corresponsable for Children's Ophthalmology at Hospital Quirónsalud Zaragoza
- ♦ Specialist in the Ophthalmology Miguel Servet University Hospital in Zaragoza
- ♦ Master' in in Clinical Ophthalmology at CEU Cardenal Herrera University
- ♦ Master's Degree in Clinical Medicine at the Camilo José Cela University
- ♦ Grade in Medicine and Surgery from the Faculty of Medicine of the Zaragoza University
- ♦ Expert in Ophthalmic Surgery at the University CEU Cardenal Herrera
- ♦ Expert in Pathologies and Eye Treatment CEU Cardenal Herrera University
- ♦ Expert in Uveitis and the Retina CEU Cardenal Herrera University

Dr. Prieto Calvo, Esther

- ♦ Specialist in the Pediatric Ophthalmology Miguel Servet University Hospital in Zaragoza
- ♦ Researcher in the Teaching Innovation Incentive Project of the UZ
- ♦ Researcher of the Thematic Network of Cooperative Research in Health
- ♦ Specialist in Ophthalmology
- ♦ Doctor from the University of Zaragoza
- ♦ Degree in Medicine
- ♦ Member of the Spanish Society of Pediatric Ophthalmology



Dr. Noval Martin, Susana

- ♦ Head of the Pediatric Ophthalmology Department at Hospital La Paz
- ♦ Doctorate Award of the Lopez Sanchez Foundation of the Royal Academy of Medicine
- ♦ PhD in Medicine from the University of Alcalá de Henares
- ♦ Master's Degree in Neuro-immunology from Autonomous University Madrid
- ♦ Degree in Medicine from the Autonomous University Madrid

Dr. Pinilla, Juan

- ♦ Attending Physician of Pediatric Ophthalmology Unit, Miguel Servet University Hospital
- ♦ Specialist in the Pediatric Ophthalmology Miguel Servet University Hospital in Zaragoza
- ♦ Doctorate in Medicine and Surgery, University of Zaragoza
- ♦ Professional Master's in Initiation to Research in Medicine
- ♦ Degree in Medicine from the University of Zaragoza

Dr. Arias Del Peso, Borja

- ♦ Ophthalmology Assistant Physician in
- ♦ Clinical Research
- ♦ Doctor in Ophthalmology
- ♦ Master's Degree in Image-Based Diagnosis of Retinal Pathology
- ♦ Professional Master's in Initiation to Research in Medicine
- ♦ Degree in Medicine

04

Structure and Content

The program is structured for the professional to master the specialized areas in the field of pediatric ophthalmology, in order to develop a comprehensive educational experience. The qualification is divided into 3 modules that will address from the fundamentals to the most advanced concepts in Pediatric Neuro-ophthalmology and Comprehensive Approach to the Anterior Segment. Each topic will become a cornerstone, with a hands-on approach that will equip the graduate with the skills necessary for quality pediatric ophthalmic care. In addition, innovative multimedia resources have been integrated, as well as the revolutionary *Relearning*, methodology, which ensures the effective assimilation of the contents.



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You will be immersed in a program based on the Relearning methodology, a pioneer in TECH, which consists in the reiteration of fundamental ideas”

Module 1. Anterior Segment Pathology I

- 1.1. Palpebral Pathologies
 - 1.1.1. Palpebral infections
 - 1.1.2. Palpebral malformations
 - 1.1.3. Palpebral trauma
 - 1.1.4. Conservational Treatment
- 1.2. Palpebral Pathologies Congenital Aponeurotic Ptosis
 - 1.2.1. Diagnosis and Classification of Lymphedema
 - 1.2.2. Eyelid levator muscle assessment
 - 1.2.3. Surgical treatment of ptosis in children
 - 1.2.4. Long term results in congenital ptosis
- 1.3. Orbital pathology
 - 1.3.1. Clinical and imaging evaluation of orbital pathology
 - 1.3.2. Orbital inflammation in children
 - 1.3.3. Orbital vascular and malformative lesions
 - 1.3.4. Medical History in the Pediatric Population
- 1.4. Orbital Pathology II. Tumors
 - 1.4.1. Benign orbital tumors in children
 - 1.4.2. Malignant tumors of the pediatric orbit
 - 1.4.3. Multidisciplinary approach in orbital tumors
 - 1.4.4. Clinical cases and case studies
- 1.5. Congenital lacrimal obstruction and other lacrimal pathology
 - 1.5.1. Diagnosis of lacrimal obstruction in infants and children
 - 1.5.2. Medical and Surgical Treatment
 - 1.5.3. Lacrimal Pathology Obstructive in Childhood
 - 1.5.4. Management of dacryocystitis and other lacrimal problems
- 1.6. Conjunctival pathology I. Infectious
 - 1.6.1. Bacterial conjunctivitis in children
 - 1.6.2. Medical History in the Pediatric Population
 - 1.6.3. Fungal and parasitic conjunctivitis in children
 - 1.6.4. Infectious Conjunctivitis Treatment and Prevention



- 1.7. conjunctival Pathology II. Inflammatory
 - 1.7.1. Allergic conjunctivitis in children
 - 1.7.2. Conjunctivitis Associated With Systemic Diseases
 - 1.7.3. Giant Papillary Conjunctivitis
 - 1.7.4. Management strategies in inflammatory conjunctivitis
- 1.8. Developmental alterations of the anterior segment I
 - 1.8.1. Embryology and normal development of the anterior segment
 - 1.8.2. Congenital malformations of the anterior segment
 - 1.8.3. Clinical Analysis Evaluation and Differential Diagnosis
 - 1.8.4. Treatment of congenital anomalies of the anterior segment
- 1.9. Developmental disorders of the anterior segment II
 - 1.9.1. Anomalies of the lens and capsule
 - 1.9.2. Abnormalities of the iris and pupil
 - 1.9.3. Disorders of the anterior chamber and iridocorneal angle
 - 1.9.4. Surgical approach to anterior segment anomalies
- 1.10. corneal and-Ophthalmologic Pathology in Children
 - 1.10.1. Evaluation of the corneal surface in children
 - 1.10.2. Corneal infections in the pediatric population
 - 1.10.3. Corneal ectasias in children
 - 1.10.4. Medical and surgical treatments in pediatric corneal pathology

Module 2. Anterior Segment Pathology II

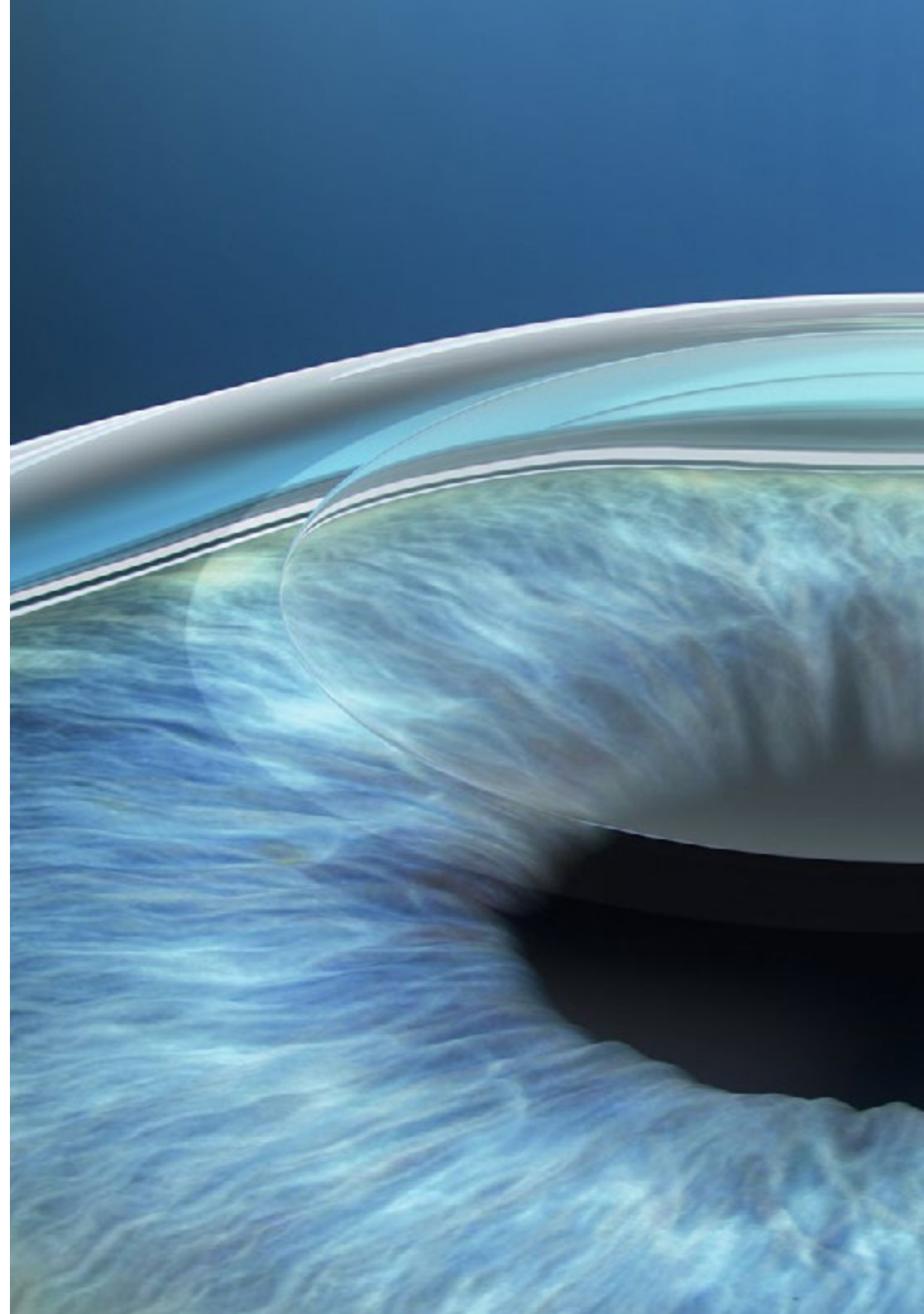
- 2.1. Evaluation of the Pediatric Glaucoma Patient
 - 2.1.1. Clinical evaluation in pediatric glaucoma
 - 2.1.2. Diagnostic tests in pediatric glaucoma
 - 2.1.3. Risk Factors in Trauma
 - 2.1.4. Clinical cases in pediatric glaucoma
- 2.2. Congenital Glaucoma
 - 2.2.1. Diagnosis and classification of primary congenital glaucoma
 - 2.2.2. Medical and surgical management of pediatric glaucoma
 - 2.2.3. Trabeculotomy and other surgical techniques in pediatric glaucoma
 - 2.2.4. Long-term results in congenital glaucoma

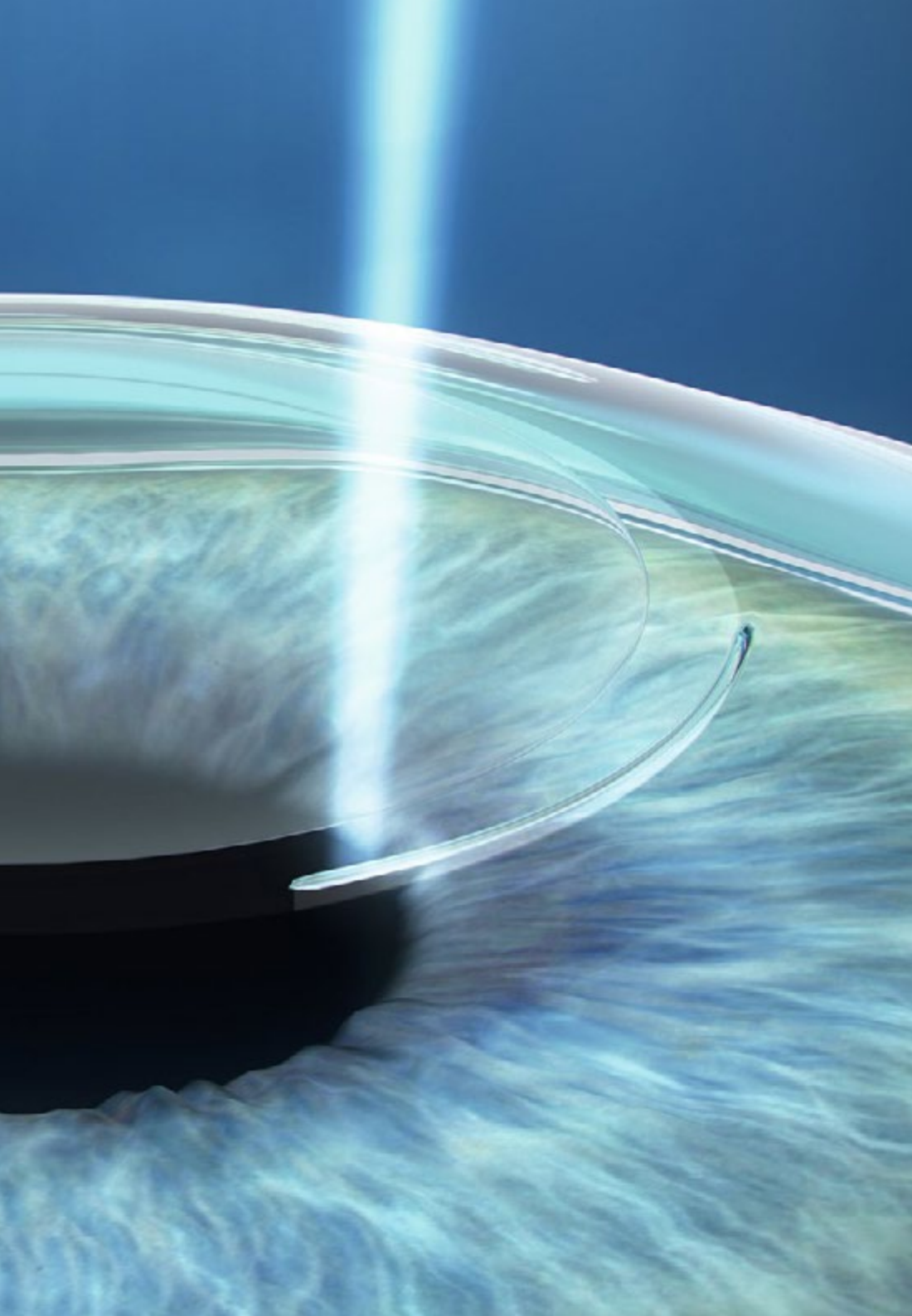
- 2.3. Juvenile glaucoma
 - 2.3.1. Characteristics and diagnosis of juvenile glaucoma
 - 2.3.2. Treatments in juvenile glaucoma
 - 2.3.3. Follow-up strategies in young patients with glaucoma
 - 2.3.4. Secondary juvenile glaucoma and other pathologies
- 2.4. Other glaucomas: aphakic glaucoma and associated with other pathologies
 - 2.4.1. Aphakic glaucoma in children: causes and management
 - 2.4.2. Glaucomas secondary to pediatric ocular disease
 - 2.4.3. Evaluation and treatment in secondary glaucomas
 - 2.4.4. Case studies in glaucomas associated with other pathologies
- 2.5. Treatment and follow-up in pediatric glaucoma
 - 2.5.1. Medical and pharmacological treatments in pediatric glaucoma
 - 2.5.2. Surgery in pediatric glaucoma: techniques and results
 - 2.5.3. Long-term follow-up and management of complications in glaucoma
 - 2.5.4. Comprehensive approach to the pediatric glaucoma patient
- 2.6. Pediatric uveitis II. Examination and Diagnosis
 - 2.6.1. Ophthalmologic evaluation in pediatric uveitis
 - 2.6.2. Differential diagnosis and diagnostic tests in infantile uveitis
 - 2.6.3. Importance of the anamnesis in pediatric uveitis
 - 2.6.4. Management of clinical cases in pediatric uveitis
- 2.7. Pediatric uveitis II. Anterior uveitis
 - 2.7.1. Characteristics and diagnosis of anterior uveitis in children
 - 2.7.2. Medical treatment and management of anterior inflammation in pediatric uveitis
 - 2.7.3. Anterior uveitis associated with systemic diseases in childhood
 - 2.7.4. Follow-up in pediatric anterior uveitis
- 2.8. Pediatric uveitis III. Intermediate Uveitis
 - 2.8.1. Clinical evaluation and diagnosis of intermediate uveitis in children
 - 2.8.2. Treatment and control of inflammation in pediatric intermediate uveitis
 - 2.8.3. Complications and case management in intermediate uveitis
 - 2.8.4. Multidisciplinary approach in pediatric intermediate uveitis

- 2.9. Pediatric uveitis IV. Posterior uveitis
 - 2.9.1. Posterior uveitis in children: Causes and diagnosis
 - 2.9.2. Therapies and treatments in pediatric posterior uveitis
 - 2.9.3. Long-term follow-up and prognosis in posterior uveitis
 - 2.9.4. Clinical cases and case studies in pediatric posterior uveitis
- 2.10. Aniridia
 - 2.10.1. Clinical features and diagnosis of aniridia
 - 2.10.2. Multidisciplinary approach in patients with aniridia
 - 2.10.3. Treatments and follow-up in pediatric aniridia
 - 2.10.4. Visual outcomes and management of complications in aniridia

Module 3. Pediatric Neuro-Ophthalmology

- 3.1. Nystagmus
 - 3.1.1. Definition and classification of nystagmus
 - 3.1.2. Etiology and diagnosis of nystagmus
 - 3.1.3. Congenital nystagmus: characteristics and diagnosis
 - 3.1.4. Acquired nystagmus in childhood
- 3.2. Nystagmus II
 - 3.2.1. Therapeutic approach and management of nystagmus
 - 3.2.2. Nystagmus case studies and examples
 - 3.2.3. Advanced therapies and treatments in nystagmus
 - 3.2.4. Visual outcomes and prognosis in infantile nystagmus
- 3.3. Supranuclear and Internuclear Motility Disorders
 - 3.3.1. Supranuclear ocular motility disorders
 - 3.3.2. Internuclear ocular motility disorders
 - 3.3.3. Evaluation and diagnosis in supranuclear and internuclear disorders
 - 3.3.4. Management and treatment of ocular motility disorders
- 3.4. Congenital Optic Nerve Anomalies
 - 3.4.1. Structural abnormalities of the optic nerve
 - 3.4.2. Diagnosis and classification of congenital anomalies
 - 3.4.3. Visual implications and outcomes in patients with optic nerve anomalies
 - 3.4.4. Clinical cases and examples of congenital anomalies





- 3.5. Hereditary Optic Neuropathies
 - 3.5.1. Leber Hereditary Optic Neuropathy (LHON)
 - 3.5.2. Other hereditary optic neuropathies
 - 3.5.3. Genetic studies and diagnosis in optic neuropathies
 - 3.5.4. Therapies and treatments in hereditary optic neuropathies
- 3.6. Optic Atrophy in the Child
 - 3.6.1. Causes and risk factors in infantile optic atrophy
 - 3.6.2. Evaluation and diagnosis of optic atrophy in children
 - 3.6.3. Management and treatment of optic atrophy in infancy
 - 3.6.4. Visual outcomes and follow-up in pediatric optic atrophy
- 3.7. Pediatric Optic Neuritis
 - 3.7.1. Optic neuritis in children: etiology and characteristics
 - 3.7.2. Diagnosis and evaluation in pediatric optic neuritis
 - 3.7.3. Therapies and treatment in pediatric optic neuritis
 - 3.7.4. Prognosis and follow-up in optic neuritis
- 3.8. Pseudopapilledema. Optic nerve drusen
 - 3.8.1. Pseudopapilledema in infancy
 - 3.8.2. Optic nerve drusen: diagnosis and classification
 - 3.8.3. Management and follow-up in pseudopapilledema and drusen
 - 3.8.4. Clinical cases and examples of pseudopapilledema
- 3.9. Papillary edema, intracranial hypertension
 - 3.9.1. Papillary edema in children: causes and diagnosis
 - 3.9.2. Intracranial hypertension in infancy
 - 3.9.3. Treatment and management in papillary edema and intracranial hypertension
 - 3.9.4. Visual findings and follow-up in patients with these conditions
- 3.10. Pupillary Anomalies
 - 3.10.1. Pupillary abnormalities in infancy
 - 3.10.2. Diagnosis and evaluation of pupillary abnormalities
 - 3.10.3. Treatments and management of pupillary abnormalities
 - 3.10.4. Clinical cases and examples of pupillary anomalies

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. 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.

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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 in Pediatric Neuro-Ophthalmology and Comprehensive Approach to the Anterior Segment guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.



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

This program will allow you to obtain your **Postgraduate Diploma in Pediatric Neuro-Ophthalmology and Comprehensive Approach to the Anterior Segment** 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 Pediatric Neuro-Ophthalmology and Comprehensive Approach to the Anterior Segment**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**





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Postgraduate Diploma

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