

# Hybrid Professional Master's Degree

## Pediatric Dermatology



## Hybrid Professional Master's Degree Pediatric Dermatology

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.

Website: [www.techtitute.com/us/medicine/hybrid-professional-master-degree/hybrid-professional-master-degree-pediatric-dermatology](http://www.techtitute.com/us/medicine/hybrid-professional-master-degree/hybrid-professional-master-degree-pediatric-dermatology)

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01

# Introduction

An important part of the healthcare activity of any dermatologist takes place in pediatric care. This type of approach requires a specific specialization that includes factors that are not usually taken into account in the adult approach. At the diagnostic level, and in the therapeutic approach, the advances that are being made in the knowledge of the etiology of each of the diseases, emerging pathologies, new imaging and laboratory techniques and diagnostic algorithms that are in continuous renovation, lead us to the need to maintain our knowledge of Pediatric Dermatology and other related specialties (pediatrics, genetics, radiology) in continuous updating.



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*Update your knowledge in Pediatric Dermatology with this Hybrid Professional Master's Degree that offers theoretical and practical teaching based on the latest scientific evidence"*

At the therapeutic level, the appearance of new drugs and techniques for already known pathologies and the need for new strategies for the integral approach of the patient make it more than necessary to know all this arsenal of resources that we will be able, if necessary, to use to attend patients with the maximum guarantee. It is therefore essential for physicians to be able to respond adequately to the evolution of scientific and technological knowledge, and to the evolution of their field of action in the different healthcare systems, by means of appropriate training.

Thanks to this innovative program that combines theory with practice and contains the latest scientific evidence on the most advanced therapeutic and diagnostic methods, the professional will find an accessible and dynamic way to update their daily clinical practice to care for children with dermatological conditions and ensure quality patient care.

In addition, it must be taken into account that the information provided by parents is increasing and is not always well contrasted, so it is essential for health professionals to be updated in order to be able to provide adequate information according to the latest scientific studies.

In addition to all this, there is the irruption of technological innovation. Technology has facilitated the approach to the best diagnostic and therapeutic knowledge, so TECH has taken advantage of all these resources to offer the specialist an academic space where he/she can find quality information and the possibility of applying it in a cutting-edge clinical scenario.

This program will allow you to develop, first theoretically and then in a real patient, and in a hospital setting with state-of-the-art resources, your maximum potential and growth in the area. You will address patients with painful conditions, with the help of the best specialists, using the latest techniques based on scientific evidence, and achieving results that were previously difficult to achieve.

This **Hybrid Professional Master's Degree in Pediatric Dermatology** contains the most complete and up-to-date scientific program on the market. Its most outstanding features are:

- Development of more than 100 clinical cases presented by professionals in this area of work and university professors with extensive experience and experience
- 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
- Comprehensive systematized action plans for major pathologies
- Presentation of practical workshops on procedures diagnosis, and treatment techniques
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- Practical clinical guides on approaching different pathologies
- With a special emphasis on evidence-based medicine and research methodologies
- All of this will be complemented by 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
- In addition, you will be able to carry out a clinical internship in one of the best hospitals in the world

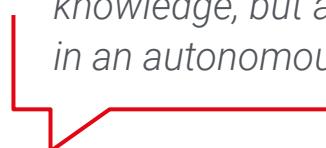
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*In its practical part, you will learn from active participation in all clinical areas of interest to the professional, incorporating rapid and efficient response skills, essential for work in the hospital area"*

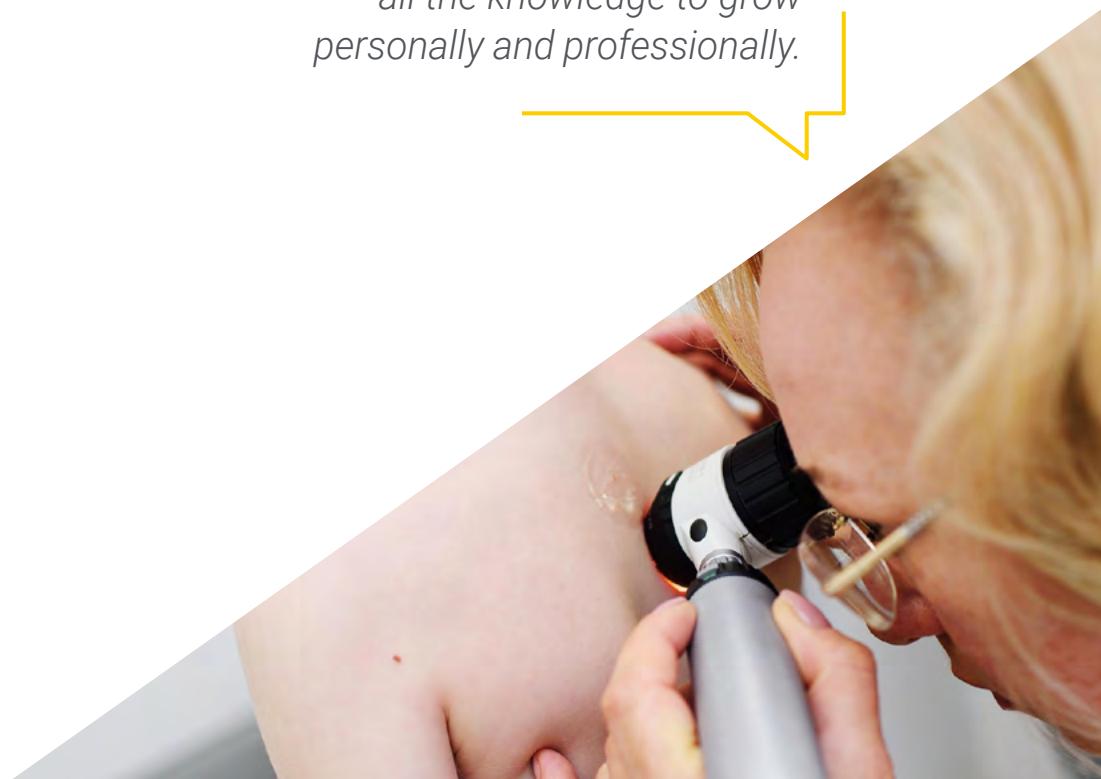
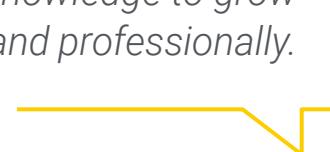
In this proposed Professional Master's Degree, of professionalizing character and blended learning modality, the program is aimed at updating medical professionals in the field of Pediatric Dermatology. The contents are based on the latest scientific evidence, and oriented in a didactic way to integrate theoretical knowledge into practice, and the theoretical-practical elements will facilitate the updating of knowledge and will allow decision making in patient management.

Thanks to its multimedia content developed with the latest educational technology, they will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare 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 throughout the program. This will be done with the help of an innovative system of interactive videos made by renowned experts with extensive teaching experience.

*In its theoretical part, this Professional Master's Degree puts at your service the most efficient resources to allow a constant progress that not only completes your knowledge, but also helps you to develop it in an autonomous and self-recycled way.*



*Enjoy an intensive 3-week stay in one of the best hospital centers and acquire all the knowledge to grow personally and professionally.*



02

## Why Study this Hybrid Professional Master's Degree?

The dermatologist must provide specialized care for pediatric patients, since their physiological conditions require adequate care so that the skin can recover and remain healthy in the face of the conditions that may be affecting it. The intention of this Hybrid Professional Master's Degree is to offer the latest scientific findings regarding the different pathologies affecting the skin, as well as the latest developments in diagnostic imaging techniques, laser treatment and pediatric dermatological surgery. The ease of study that its methodology provides will allow the professional to catch up with the comfort and quality they desire without complications.

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*You'll delve into world-class clinical settings to  
dive into advances in Pediatric Dermatology  
with the comfort and quality you need"*

## **tech** 10 | Why Study this Hybrid Professional Master's Degree?

### **1. Updating from the latest technology available**

Among the updates of which this Hybrid Professional Master's Degree makes special mention are the new developments in diagnostic imaging techniques, laser treatment and pediatric dermatological surgery. Therefore, this program is an excellent opportunity to update clinical practice and keep abreast of the latest findings of science and technological innovation in the field.

### **2. Gaining In-Depth Knowledge from the Experience of Top Specialists**

Thanks to TECH's commitment to providing broad spectrum and quality training, it has teamed up with the best in its area of expertise to develop this program. In addition, not only does the content contain that up-to-date insight from the best experts in Pediatric Dermatology, but you will also be able to share in a real-life setting with an assigned tutor and a multidisciplinary team with whom you will work hand in hand for 3 weeks.

### **3. Entering First-Class Clinical Environments**

To carry out the practical part of this program, TECH has carefully selected the best hospital centers available in different locations. Thanks to this, the specialist will have guaranteed access to a prestigious clinical environment in the area of Pediatric Dermatology and will be able to experience the day-to-day work of a field, always applying the latest theses and scientific postulates.





#### 4. Combining the Best Theory with State-of-the-Art Practice

Fulfilling its objective of offering the best educational quality and vanguard, in this Hybrid Professional Master's Degree, TECH has managed to combine the most efficient methodologies. The theoretical study is 100% online through Relearning and the practical study in a renowned hospital center. Thus, he will use the latest techniques and apply the most modern postulates in Pediatric Dermatology.

#### 5. Expanding the Boundaries of Knowledge

By enrolling in this Hybrid Professional Master's Degree you will be able to study from wherever you are, thanks to the 100% online study system to delve into all the theoretical studies presented here. Later on, you will have the opportunity to network with professionals from different parts of the world, because you will be able to choose the internship center that best suits your needs from a list located in different locations.

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*You will have full hands-on immersion  
at the center of your choice”*

03

# Objectives

The objective of this and all the programs offered by TECH is to serve as a guide for the graduate to update his or her knowledge in an intensive and exhaustive manner. To this end, they will provide you with all the information you need to know in detail the scientific evidence that has been emerging, as well as the most effective therapeutic and diagnostic strategies. All this through an unparalleled theoretical and practical academic experience that will undoubtedly improve your medical practice.



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*If you are clear about your academic and professional goals, this Hybrid Professional Master's Degree program will allow you to achieve them in just 12 months"*



### General Objective

- This Hybrid Professional Master's Degree in Pediatric Dermatology has been designed by TECH and its team of medical experts with the aim of providing the graduate with everything they need to update their knowledge in this field based on the latest scientific evidence in the clinical sector. Thanks to this, you will contribute to the increase of quality and safety in your day-to-day practical work in the hospital or in your practice

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*A multidisciplinary experience that will elevate your clinical talents to the highest level through a comprehensive and intensive update in pediatric dermatology”*





## Specific Objectives

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### Module 1. Review of Congenital and Neonatal Skin Pathology

- Describe the physiological changes in a newborn skin in order to recognize and differentiate them from pathological situations
- Identify benign lesions and transient lesions that may appear in the neonatal period
- Explain the possible developmental alterations with cutaneous expression
- Analyze viral, bacterial, and fungal infections that can congenitally or postnatally affect neonates
- Approach erosive and blistering dermatoses of any origin in the neonatal stage

### Module 2. Eczematous and Papular desquamative Dermatoses

- Describe the pathophysiology, manifestations and treatment of atopic dermatitis
- Describe seborrheic dermatitis in infancy
- Explain the principles to identify irritant and allergic contact dermatitis
- Analyze the pathophysiology, clinical manifestations and treatment of infantile-juvenile psoriasis
- Discernir entre las entidades pápulo-descamativas Pitiriasis Rubra Pilaris, Lique plano, nitidus y aureus, la Pitiriasis liquenoide y la Papulosislinfomatoide

### Module 3. Update in Vascular Pathology

- Identify the different benign vascular tumors that appear in the pediatric age, as well as the treatment used for their resolution
- Analyze intermediate malignant and malignant vascular tumors, updating their classification and management
- Approach the wide field of vascular malformations, reviewing the latest classifications , and deepening in the diagnostic and therapeutic advances
- Delve into the knowledge of systemic and limited vasculitis with cutaneous involvement

**Module 4. Pathology of Skin Appendages**

- Describe the alterations of the hair, nails and eccrine, apocrine and sebaceous glands, and the pathology derived from them

**Module 5. Pigmentary Pathology, Benign and Malignant Tumor Pathology**

- Analyze dermatoses with increased or decreased hypopigmented pigmentation
- Discern between the different types of existing pigmented lesions present in childhood
- Identify melanomas during the pediatric age
- Explain the various benign tumors that can affect the epidermis, dermis, subcutaneous cellular tissue, have a muscular or bone component
- Define in which cases these benign tumors can be included in syndromes
- Develop the field of intermediate malignant and malignant tumors during the pediatric age, their identification and management

**Module 6. Infectious Pathology in Pediatric Dermatology**

- Approach the wide field of viral infections, with the different causal agents and the manifestations they produce
- Expose the epidemiology, clinical manifestations and treatment of bacterial infections with cutaneous involvement
- Gain knowledge of superficial and deep fungal infections, as well as infections produced by protozoa and helminths
- Define the infestations that are currently occurring, as well as the lesions from stings and bites

**Module 7. Genodermatoses**

- Analyze Neurofibromatosis (NF) and Tuberous Sclerosis (TS)
- Expose the management and new perspectives in the treatment of NF and TS
- Explain the group of Porphyrias
- Discuss the genodermatoses with photosensitivity beyond Porphyrias
- Describe the tumor syndromes included in genodermatoses
- Define the hereditary alterations of metabolism and genetic alterations of immunity with cutaneous repercussions in childhood
- Describe the approach and management of the group of non-syndromic ichthyosis
- Develop the range in which the different types of syndromic ichthyosis are framed
- Discern ichthyosis from other cornification disorders
- Explain medical genetics applied to dermatology
- Analyze the resources in medical genetics applied to the specialty
- Practice genetic counseling in Pediatric Dermatology

**Module 8. Systemic Pathology with Cutaneous Involvement**

- Explain the various collagenopathies and autoinflammatory diseases that may debut in childhood
- Identify the cutaneous manifestations of hematologic diseases
- Define the cutaneous involvement of endocrinological and metabolic diseases
- Discern the cutaneous processes secondary to digestive and nutritional pathology



### **Module 9. Skin Pathology Due to External Agents and Physical Damage Other Pathologies**

- Explain the cutaneous signs of abuse and maltreatment
- Identify factitious dermatitis
- Approach cutaneous pathology due to external agents, the agents cause it and its expressions
- Analyze the different types of cutaneous reactions to drugs

### **Module 10. New Developments in Diagnostic Imaging Techniques, Laser Treatment and Pediatric Dermatologic Surgery**

- Define the novel use of cutaneous ultrasound for pediatric pathology and its possible integration into routine clinical practice
- Discuss the medical use of lasers in pediatric patients
- Address the knowledge of the different anesthetic methods to perform procedures on childhood, including pros and cons
- Analyze the need to create multidisciplinary teams in the approach to pediatric patients

### **Module 11. Advances in Childhood Blistering Diseases**

- Identify the different hereditary blistering diseases
- Delve into the management and treatment of these pathologies
- Describe autoimmune blistering diseases in childhood
- Address the difficult management of immunosuppressive drugs in childhood

# 04 **Skills**



After passing the evaluations of the Hybrid Professional Master's Degree in Pediatric Dermatology, the professional will have acquired the professional competencies necessary for quality care, updated based on the latest scientific evidence.

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*At the end of your theoretical course you will have learned the new ways of approaching dermatological disease; at the end of your internship you will have incorporated the real way of putting them into practice in a highly efficient medical environment"*



## General Skills

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- Possess and understand knowledge such that it serves as the basis for both generating research questions and developing ideas in a practical or research context
- Apply the acquired knowledge and develop problem-solving and case-solving skills in daily clinical practice
- Formulate and communicate knowledge, diagnostic and therapeutic conclusions to families in a clear, concise and unambiguous manner
- Communicate knowledge, reasoning, and conclusions in a clear and unambiguous manner in specialized forums such as clinical sessions, congresses, lectures
- Acquire the learning skills that will enable continuous studying and training



## Specific Skills

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- Identify the main signs and symptoms of diseases affecting pediatric patients in the neonatal period and differentiate them from physiological cutaneous findings
- Evaluate the existing clinical guidelines and action protocols in neonatal inflammatory, infectious and developmental disorders pathology in order to implement them and adapt them to routine clinical practice
- Identify the current problems posed by pediatric eczematous diseases, including prevalence, pathophysiology, clinical manifestations, complications, and new treatments
- Identify the various papular desquamative diseases in childhood to establish appropriate diagnoses and therapeutic schemes
- Develop the hereditary and autoimmune blistering diseases in childhood to delve into the new etiological classifications and focus on the therapeutic novelties that are to come in the next few years
- Scientifically establish evidence-based protocols to use immunosuppressants in childhood and manage patients who are immunosuppressed by drugs
- Confidently tackle the vast and difficult subject of vascular abnormalities in infancy

- ◆ Correctly identify vascular inflammatory pathology and easily ascertain whether there is a need for patient hospitalization
- ◆ Correctly apply the different techniques to establish the existing alterations in hair in order to make accurate syndromic diagnoses
- ◆ Manage the different treatments for prevalent pathologies such as acne and less prevalence ones such as hidradenitis and nail disorders
- ◆ Identify benign tumor and pigmentary pathology and know how to communicate its significance appropriately
- ◆ Define the management of complex pediatric patients affected by malignant tumor pathology
- ◆ Identify the main dysmorphological characteristics in order to diagnose the different genodermatoses
- ◆ Incorporate the new techniques offered by genetics to refine the diagnosis of the different pathologies that make up genodermatoses
- ◆ Identify the main infectious syndromes in dermatology with the correct explanations to family members of the different steps to follow and the evolution of the processes

- ◆ Cope with childhood infectious problems and handle antibiotics, antiviral and antifungal drugs safely
- ◆ Determine autoimmune diseases in childhood and know how to apply the most appropriate test and treatment at each moment
- ◆ Confidently deal with the problems resulting from child abuse and maltreatment, and know and explain the different medical and legal action plans
- ◆ Establish the different pathologies caused by external agents, their course, prognosis and management
- ◆ Define the need to introduce new non-invasive imaging techniques in daily clinical practice and the diseases for which these techniques may be useful
- ◆ Apply laser and surgical techniques with an in-depth knowledge of their uses, pros and cons

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

05

# Course Management

For the development of this Hybrid Professional Master's Degree TECH has teamed up with a team of well known specialists in the area of Pediatric Dermatology who have specialists in the area of Pediatric Dermatology who have poured their most current experience into each their most current experience to each of the sections that condense this program Doctors specialized in Dermatology who occupy high positions in different hospitals around the world and who have contributed to the design of a program with the quality that today's professional desires.

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*Learn from leading professionals the latest  
advances in Pediatric Dermatology"*

## Management



### Dr. Altea Esteve Martínez

- Vice President of the Valencian Territorial Section of AEDV
- Head of the Pediatric Dermatology Section of CHGUV
- Assistant Physician of the CHGUV Dermatology Department
- Coordinator of the CHGUV Vascular Anomalies Committee
- Degree in Medicine and Surgery from the UV
- Member of: AEDV, GEDP

## Professors

### Dr. Carmen Ortega Monzó

- Head of the Dermatology Service at La Ribera Hospital
- Head of the Pediatric Dermatology Section at La Ribera Hospital
- Dermatologist at Hospital Quirón Salud in Valencia, Spain
- Researcher specialized in Pediatric Dermatology.
- Degree in Medicine and Surgery

### Dr. José María Martín Hernández

- Assistant Physician of the Dermatology Service, Clinical Hospital of Valencia
- Head of the Pediatric Dermatology Service at the Clinical Hospital of Valencia
- Medical Specialist in Medical and - Surgical Dermatology and Venereology
- Degree in Medicine and Surgery
- August C. Stiefel Award (2010) and Juan de Azúa Award (2011) granted by the Spanish Academy of Dermatology and Venereology

### **Dr. Raquel Rodríguez López**

- ♦ Attending Physician in Clinical Analyses at the General University Hospital Consortium of Valencia
- ♦ Head of the Section of Medical Genetics in Clinical Analysis of the General University Hospital Consortium of Valencia
- ♦ Degree in Medicine and Surgery
- ♦ Dermatology Medical Specialist

### **Dr. Jorge Lorente**

- ♦ Pediatrician and Obstetrics, Gregorio Marañón Hospital
- ♦ Pediatrician at Hospital Madrid Norte-Sanchinarro
- ♦ Co-author of the book "Symptoms/Guiding Signs in Pediatric Emergencies"
- ♦ Degree in Medicine and Surgery

### **Dr. María Concepción Miguez Navarro**

- ♦ Doctor in the Children's Rehabilitation Service at the Gregorio Marañón University General Hospital
- ♦ Specialist Pediatrician
- ♦ Author of the following books: *Pain management and sedoanalgesia procedures in pediatric emergencies*, *Guiding signs in pediatric emergencies*

### **Dr. María Teresa Martínez Menchón**

- ♦ Assistant Physician of the Dermatology Department of the Virgen de la Arrixaca University Hospital of Murcia
- ♦ Head of the Pediatric Dermatology Section at the Virgen de la Arrixaca University Hospital
- ♦ Collaborating researcher in scientific projects focused on Immunity, Inflammation and Cancer
- ♦ Degree in Medicine and Surgery
- ♦ Dermatology Medical Specialist

### **Dr. Violeta Zaragoza Ninet**

- ♦ Assistant Physician of the Dermatology Service of the Valencian General University Hospital Consortium
- ♦ Head of the Cutaneous Allergies and Collagenopathies Section at CHGUV
- ♦ President Valencian Section of AEDV
- ♦ Associate Professor of Medicine at the UV
- ♦ Degree in Medicine and Surgery from the UV
- ♦ Member of GEIDAC

**Dr. Francisco Vílchez Márquez**

- Specialist in the area of Dermatology
- Dermatology Faculty Area Specialist in Postgraduate Certificate Virgen de las Nieves Hospital
- Dermatologist at the Polisalud Clinic
- Physician in the Dermatology Service at the Poniente Public Health Agency.
- Dermatologist at Quirónsalud
- Graduate in Medicine and Surgery from the University of Málaga
- Doctor of Medicine, UMA
- University expert in skin diseases in pediatric age
- Postgraduate Diploma in Dermatopathology from the University of Alcalá
- Expert in Clinical-Surgical Dermatology

**Dr. Clara Ferrero García-Loygorri**

- Special Doctor in Pediatric Emergencies
- Pediatric Department at the Gregorio Marañón General University Hospital.
- Pediatrician at the Puerta de Hierro University Hospital
- Specialist Physician at the Mother and Child Institute
- Member of the Spanish Society of Pediatric Emergencies





**Dr. Begoña Echevarría García**

- ◆ Dermatologists at the Fuenlabrada University Hospital
- ◆ Specialist Physician at Anderson Cancer Center
- ◆ Physician at the Fundación Alcorcón University Hospital
- ◆ Dermatologists at Gregorio Marañón General University Hospital
- ◆ Specialist Doctor at Morales Meseguer University Hospital
- ◆ Physician in Arnau de Vilanova Hospital
- ◆ Doctor in Medicine and Surgery from the Autonomous University of Barcelona

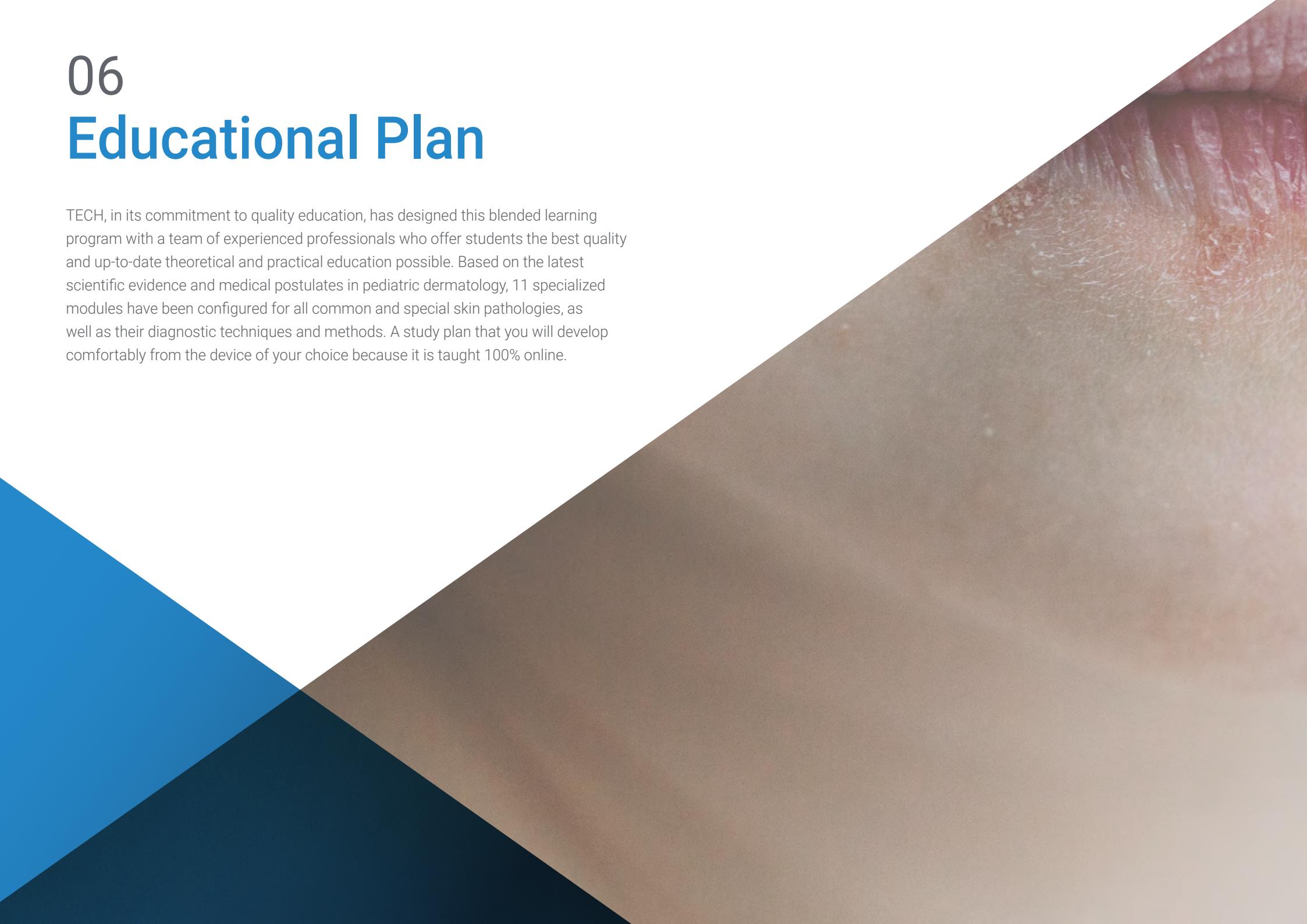
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*The most specialized faculty  
in congenital and neonatal  
dermatological pathologies  
are available in this program”*

06

## Educational Plan

TECH, in its commitment to quality education, has designed this blended learning program with a team of experienced professionals who offer students the best quality and up-to-date theoretical and practical education possible. Based on the latest scientific evidence and medical postulates in pediatric dermatology, 11 specialized modules have been configured for all common and special skin pathologies, as well as their diagnostic techniques and methods. A study plan that you will develop comfortably from the device of your choice because it is taught 100% online.



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*This academic itinerary is exclusive to TECH and you will be able to develop it at your own pace due to its 100% online Relearning methodology"*

**Module 1.** Review of Congenital and Neonatal Skin Pathology

- 1.1. Physiological Skin Changes Neonates
  - 1.1.1. Neonatal Skin
  - 1.1.2. Physiological Vascular Changes
  - 1.1.3. Physiological Pigmentary Changes
  - 1.1.4. Lanugo and Physiological Changes of the Hair
- 1.2. Benign and Transient Skin and Mucous Membranes Lesions
  - 1.2.1. Milia
  - 1.2.2. Bohn's Nodules and Epstein's Pearls
  - 1.2.3. Congenital Epulis and Neonatal Teeth
  - 1.2.4. Suction Calluses
  - 1.2.5. Sebaceous Hyperplasia
  - 1.2.6. Neonatal Toxic Erythema
  - 1.2.7. Neonatal acne
  - 1.2.8. Minipuberty of Infancy
  - 1.2.9. Eosinophilic Pustular Folliculitis
  - 1.2.10. Melanosis Pustular Neonatal Transitoria
  - 1.2.11. Suction Blisters
  - 1.2.12. Seborrheic Dermatitis
- 1.3. Developmental Abnormalities in the neonate
  - 1.3.1. Facial Abnormalities
  - 1.3.2. Cervical Abnormalities
  - 1.3.3. Thoracic-Abdominal Disorders
  - 1.3.4. Cutaneous Indicators of Dysraphism
  - 1.3.5. What to Do When a Newborn Has Developmental Abnormalities?
- 1.4. Congenital Neonatal Infections
  - 1.4.1. Bacterial Infections
  - 1.4.2. Viral Infections
  - 1.4.3. Fungal Infections

- 1.5. Dermatoses erosivas y ampollosas
  - 1.5.1. Erosive Dermatoses and Differential Diagnosis
  - 1.5.2. Blistering Dermatoses and Differential Diagnosis
- 1.6. Neonatal Pathology Associated with Invasive Procedures during Gestation or Childbirth
  - 1.6.1. Cutaneous Manifestations of Invasive Processes During pregnancy
  - 1.6.2. Cutaneous Manifestations due to Trauma during Childbirth
  - 1.6.3. Subcutaneous Fat Necrosis and Scleroderma of Newborns

**Module 2.** Eczematous and Papular desquamative Dermatoses

- 2.1. Pathophysiology and Clinical Manifestations of Atopic Dermatitis (AD)
  - 2.1.1. Epidemiology of AD
  - 2.1.2. Atopic Dermatitis
  - 2.1.3. AD Pathophysiology
  - 2.1.4. Clinical Manifestations of AD in Different Periods of Childhood and Adolescence
  - 2.1.5. Complications in the Progression of AD
- 2.2. Update on the Management and Treatment of Atopic Dermatitis
  - 2.2.1. Diagnostic Tests to be Ordered
  - 2.2.2. Indications for Systemic Allergy Studies
  - 2.2.3. AD Treatment
  - 2.2.4. Managing Patients with Moderate to Severe AD
- 2.3. Seborrheic Dermatitis
  - 2.3.1. Epidemiology
  - 2.3.2. Clinical Manifestations of Seborrheic Dermatitis in Childhood and Adolescence
  - 2.3.3. Managing Seborrheic Dermatitis
- 2.4. Irritant and Allergic Contact Dermatitis
  - 2.4.1. Irritant Contact Dermatitis in Infants
  - 2.4.2. Allergic Contact Dermatitis in Childhood



- 2.5. Pathophysiology and Clinical Manifestations of Psoriasis
  - 2.5.1. Epidemiology of Psoriasis
  - 2.5.2. Pathophysiology of Psoriasis
  - 2.5.3. Clinical Manifestations of Psoriasis in Different Periods of Childhood and Adolescence
  - 2.5.4. Psoriatic Arthropathy
- 2.6. Management and Treatment of Infantile-Juvenile Psoriasis
  - 2.6.1. Tests to Order
  - 2.6.2. Step Therapy for Psoriasis
  - 2.6.3. Managing Patients with Moderate to Severe Psoriasis
- 2.7. Pityriasis Rubra Pilaris and Lichen
  - 2.7.1. Pityriasis Rubra
  - 2.7.2. Lichen Planus
  - 2.7.3. Lichen Aureus
  - 2.7.4. Lichen Nitidus
- 2.8. Pityriasis Lichenoides and Lymphomatoid Papulosis
  - 2.8.1. Pityriasis Lichenoides
  - 2.8.2. Lymphomatoid Papulosis

### Module 3. Update in Vascular Pathology

- 3.1. Child Hemangioma
  - 3.1.1. Epidemiology and Pathophysiology
  - 3.1.2. Course
  - 3.1.3. Clinical Presentation
  - 3.1.4. Complications
- 3.2. Syndromes Associated to Child Hemangioma
  - 3.2.1. PHACE
  - 3.2.2. SACRAL/PELVIS
- 3.3. Update on the Use of Beta-Blockers in the Treatment of Child Hemangioma
- 3.4. Congenital Hemangiomas
  - 3.4.1. RICH
  - 3.4.2. NICH

- 3.5. Other Benign Vascular Tumors
  - 3.5.1. Pyogenic Granuloma
  - 3.5.2. Glomangioma
  - 3.5.3. Verrucous Hemangioma
  - 3.5.4. Spindle Cell Hemangioma
  - 3.5.5. Eruptive Pseudoangiomatosis
- 3.6. Tumors of Intermediate Malignancy
  - 3.6.1. Tufted Hemangioma
  - 3.6.2. Kaposiform Hemangioendothelioma
  - 3.6.3. Dabska Tumor
  - 3.6.4. Multifocal Lymphangioendotheliomatosis with Thrombocytopenia
  - 3.6.5. Retiform Hemangioendothelioma
- 3.7. Arteriovenous Malformations
  - 3.7.1. Kaposi's Sarcoma
  - 3.7.2. Cutaneous Angiosarcoma
- 3.8. Vascular Malformations Associated with Syndromes I
- 3.9. Vascular Malformations Associated with Syndromes II
- 3.10. Polyarteritis Nodosa, Kawasaki Disease and Takayasu's Arteritis
- 3.11. Update on the Treatment and Multidisciplinary Management of Pediatric Patients with Vascular Malformations
  - 3.11.1. Imaging Tests
  - 3.11.2. Treatment of Vascular Anomalies Excluding Child Hemangioma
  - 3.11.3. Vascular Anomalies Committees
- 3.12. Cutaneous Leukocytoclastic Vasculitis, Schlein-Henoch Purpura and Acute Hemorrhagic Edema of Infancy and Urticaria-Vasculitis
- 3.13. Approach to Pediatric Patients with Vasculitis
- 3.14. Malignant tumours
- 3.15. Wegener's Granulomatosis, Churg-Strauss Syndrome, Microscopic Polyangiitis and Cryoglobulinemia
- 3.16. Capillary, Lymphatic, and Simple Venous Malformations
- 3.17. Inflammatory and Non-Inflammatory Purpuras

**Module 4. Pathology of Skin Appendages**

- 4.1. Alopecia Areata
- 4.2. Hypertrichosis and Hirsutism
- 4.3. Non-Scarring Alopecia with Structural Alteration of the Hair
- 4.4. Nail Alterations
  - 4.4.1. Alterations of the Nail Plate
  - 4.4.2. Alterations of the Nail Bed
  - 4.4.3. Coloration Alterations
- 4.5. Acne
  - 4.5.1. Pathophysiology and Epidemiology
  - 4.5.2. Types of Acne
- 4.6. Update on the Management and Treatment of Acne
- 4.7. Alterations of the Eccrine Glands
- 4.8. Alterations of the Apocrine Glands
- 4.9. Scarring Alopecia
- 4.10. Alterations in Hair Color
- 4.11. Ectodermal Dysplasias

**Module 5. Pigmentary Pathology, Benign and Malignant Tumor Pathology**

- 5.1. Nevi
  - 5.1.1. Melanocytic Nevi
  - 5.1.2. Congenital Melanocytic Nevi
  - 5.1.3. Becker's Nevus, Nevus Spilus, Halo Nevus
  - 5.1.4. Spitz Nevus
  - 5.1.5. Atypical Nevus and Familial Dysplastic Nevus-Melanoma Syndrome
- 5.2. Benign Tumors
  - 5.2.1. Epidermal, Sebaceous, Comedonal Nevi and Syndromes
  - 5.2.2. Benign Adnexal Tumors
  - 5.2.3. Dermal, Subcutaneous Cellular Tissue, Muscular and Benign Bone Tumors

- 5.3. Intermediate Malignant and Malignant Tumors
  - 5.3.1. Basal Cell Carcinoma and Squamous Cell Carcinoma
  - 5.3.2. Mastocytosis
  - 5.3.3. Cutaneous Lymphomas
  - 5.3.4. Infantile Fibromatosis
  - 5.3.5. Dermatofibrosarcoma Protuberans
- 5.4. Dermatoses Combining Hypo and Hyperpigmentation and Dermatoses with Hyperpigmentation
- 5.5. Hypopigmented Dermatoses
  - 5.5.1. Pathologies with Congenital/Early Childhood Hypopigmentation
  - 5.5.2. Pathologies with Acquired Hypopigmentation
- 5.6. Melanoma

## **Module 6. Infectious Pathology in Pediatric Dermatology**

- 6.1. Viral Infections I
  - 6.1.1. Herpes Simplex Virus Infection I and II
  - 6.1.2. Varicella Zoster Virus Infection
  - 6.1.3. Non HSV and VZV Herpesvirus Infection
- 6.2. Viral Infections II
  - 6.2.1. Parvovirus B19 and Enterovirus Infection
  - 6.2.2. Cytomegalovirus and Epstein-Barr Virus infection
  - 6.2.3. Human Papillomavirus Infection
  - 6.2.4. Poxvirus, Parapoxvirus, and Orthopoxvirus Infection
  - 6.2.5. Viral Exanthem
- 6.3. Bacterial Infections I
  - 6.3.1. S. Aureus Infections
  - 6.3.2. Streptococcal Infections
- 6.4. Bacterial Infections II
  - 6.4.1. Infections by Other Gram-Positive Bacteria
  - 6.4.2. Infections by Gram-Negative Bacilli and Cocci
  - 6.4.3. Mycobacterial Infections

- 6.5. Sexually Transmitted Diseases
  - 6.5.1. Syphilis
  - 6.5.2. Neisseria Gonorrhoeae Infection
  - 6.5.3. Chlamydia Trachomatis Infection
  - 6.5.4. VIH infection
  - 6.5.5. Notifiable Diseases: What They Are and How to Declare Them
- 6.6. Fungal Infections
  - 6.6.1. Superficial Mycoses
  - 6.6.2. Deep Mycosis
- 6.7. Protozoal and Helminth Infections
  - 6.7.1. Leishmaniasis
  - 6.7.2. Helminth Infections
- 6.8. Infestations and Stings
  - 6.8.1. Arthropod and Insect Bites
  - 6.8.2. Pediculosis and Scabies

## **Module 7. Genodermatoses**

- 7.1. Neurofibromatosis (NF) and Tuberous Sclerosis (TS)
  - 7.1.1. Neurofibromatosis
  - 7.1.2. Tuberous Sclerosis
- 7.2. Update on the Management and New Perspectives in the Treatment of NF and TS
- 7.3. Other Rasopathies
- 7.4. Porphyrias
- 7.5. Photosensitive Genodermatoses
- 7.6. Tumor Syndromes
- 7.7. Other Genodermatoses
- 7.8. Non-Syndromic Ichthyosis
  - 7.8.1. Ichthyosis Vulgaris
  - 7.8.2. X-Linked Recessive Ichthyosis
  - 7.8.3. Keratinopathic Ichthyoses
  - 7.8.4. Autosomal Recessive Congenital Ichthyosis (ARCI)

# **tech** 34 Educational Plan

- 7.9. Syndromic Ichthyosis
  - 7.9.1. Sjögren-Larsson Syndrome
  - 7.9.2. Conradi-Hünermann-Happle Disease
  - 7.9.3. Multiple Sulfatase Deficiency
  - 7.9.4. Refsum Disease
  - 7.9.5. Neutral Lipid Deposition with Ichthyosis Disease
  - 7.9.6. CHILD Syndrome
  - 7.9.7. KID Syndrome
  - 7.9.8. Other Syndromes
- 7.10. Other Cornification Alterations
  - 7.10.1. Erythrokeratoderma
  - 7.10.2. Porokeratosis
  - 7.10.3. Darier and Haley-Haley Disease
  - 7.10.4. Palmo-Plantar Keratoderma I
  - 7.10.5. Palmo-Plantar Keratoderma II
- 7.11. Main Hereditary Diseases; Diagnostic Process and Genetic Counseling
- 7.12. Principles of Medical Genetics
- 7.13. Application of the Whole Genome Array Technique in Pediatric Dermatology
- 7.14. Optimization of Medical Genetics Resources Applied to Pediatric Dermatology

## **Module 8.** Systemic Pathology with Cutaneous Involvement

- 8.1. Dermatomyositis
  - 8.1.1. Diagnosis
  - 8.1.2. Treatment
  - 8.1.3. Advances
- 8.2. Scleroderma
  - 8.2.1. Diagnosis
  - 8.2.2. Treatment
  - 8.2.3. Advances

- 8.3. Other Collagenopathies
  - 8.3.1. Anetoderma
  - 8.3.2. Mixed Connective Tissue Disease
  - 8.3.3. Sjögren's Syndrome
  - 8.3.4. Relapsing Polychondritis
- 8.4. Autoinflammatory Diseases
  - 8.4.1. Classification
  - 8.4.2. Diagnosis
  - 8.4.3. Treatment
  - 8.4.4. Advances
- 8.5. Lupus Erythematosus and Antiphospholipid Syndrome
  - 8.5.1. Diagnosis
  - 8.5.2. Treatment
  - 8.5.3. Advances

## **Module 9.** Skin Pathology Due to External Agents and Physical Damage Other Pathologies

- 9.1. Cutaneous Signs of Abuse and Mistreatment
  - 9.1.1. Abuse
  - 9.1.2. Abuse
- 9.2. Cutaneous Pathology due to External Agents I
  - 9.2.1. Cold
  - 9.2.2. Heat and Pressure
  - 9.2.3. Solar Radiation
  - 9.2.4. Sunburns
- 9.3. Cutaneous Pathology due to External Agents II
  - 9.3.1. Photodermatoses: Solar Urticaria, Actinic Prurigo, Polymorphous Light Eruption, Juvenile Spring Eruption, Hydroa Vacciniforme
  - 9.3.2. Toxins, Poisons
  - 9.3.3. Self-Induced Dermatoses: Factitious Dermatitis

- 9.4. Cutaneous Reactions to Drugs
  - 9.4.1. Toxicodermia
  - 9.4.2. DRESS
  - 9.4.3. NET/SSJ
  - 9.4.4. Fixed Drug Erythema
  - 9.4.5. Acute Generalized Exanthematous Pustulosis
  - 9.4.6. Other Cutaneous Reactions to Drugs
- 9.5. Urticaria
  - 9.5.1. On Contact
  - 9.5.2. Physical
  - 9.5.3. Anaphylaxis
  - 9.5.4. Angiodema
  - 9.5.5. Chronic Urticaria

## **Module 10.** New Developments in Diagnostic Imaging Techniques, Laser Treatment and Pediatric Dermatologic Surgery

- 10.1. Use of Ultrasound in Pediatric Dermatology
  - 10.1.1. Use of Ultrasound in Inflammatory Pathology
  - 10.1.2. Basic Principles
  - 10.1.3. Clinical Cases
  - 10.1.4. Role of Ultrasound in Pediatric Dermatology Consultation
  - 10.1.5. Use of Ultrasound in Tumor Pathology
  - 10.1.6. Clinical Cases
- 10.2. Laser in the Treatment of Pediatric Dermatological Pathology
  - 10.2.1. Types of Lasers Available and Cost-Effectiveness in Pediatric Dermatology Consultation
  - 10.2.2. How to Use Lasers on Pediatric Patients
  - 10.2.3. Indications in Pediatric Dermatology
- 10.3. Surgical Techniques in Pediatric Dermatology
- 10.4. Types of Sedation and Anesthesia in Pediatric Surgery
  - 10.4.1. Local Anesthesia
  - 10.4.2. Sedation
  - 10.4.3. General Anesthesia
  - 10.4.4. Controversies in Pediatric Anesthesia

## **Module 11.** Advances in Childhood Blistering Diseases

- 11.1. Hereditary Blistering Diseases
  - 11.1.1. Epidermolysis Bullosa Simplex
  - 11.1.2. Junctional Epidermolysis Bullosa
  - 11.1.3. Dystrophic Epidermolysis Bullosa
- 11.2. Advances in the Management and Treatment of Hereditary AD
- 11.3. Blistering Autoimmune Diseases I
  - 11.3.1. Bullous Pemphigoid
  - 11.3.2. Bullous Pemphigoid
  - 11.3.3. Chronic Childhood Blistering Disease
- 11.4. Blistering Autoimmune Diseases II
  - 11.4.1. Epidermolysis Bullosa Acquisita
  - 11.4.2. Dermatitis Herpetiformis
  - 11.4.3. Bullous Systemic Lupus Erythematosus
- 11.5. Management of Immunosuppressant Drugs in Childhood I
  - 11.5.1. Immunosuppressive Drugs
  - 11.5.2. Indications
  - 11.5.3. Management
- 11.6. Management of Immunosuppressant Drugs in Childhood II
  - 11.6.1. Candidate Study for the Use of Immunosuppressants
  - 11.6.2. Vaccination and Subsequent Management of Candidates for Immunosuppressants

“

*A unique opportunity to work in a state-of-the-art hospital, adding to your training an experience of great professional value”*

07

# Clinical Internship

After completing the online training period, the program includes a practical training period in a reference clinical center. The student will have at their disposal the support of a tutor who will accompany them during the whole process, both in the preparation and in the development of the clinical internship.

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*Do your clinical internship in the dermatology area of one of the best hospital centers, being part of a highly competent work team and participating in an interdisciplinary way in the areas of interest for the clinical practice in this field"*

The Internship Program consists of a 3-week clinical internship, Monday through Friday, with 8 consecutive hours of practice with an attending specialist. This stay will allow you to see real patients alongside a team of professionals of reference in the area of intensive care, applying the most innovative diagnostic procedures and planning the latest generation therapeutics for each pathology.

In this training proposal, completely practical in nature, the activities are aimed at developing and perfecting the competencies necessary for the provision of health care in areas and conditions that require a high level of qualification, and which are oriented towards specific training for the exercise of the activity, in an environment of patient safety and high professional performance.

It is undoubtedly an opportunity to learn by working in the innovative hospital of the future where real-time health monitoring of patients is at the heart of the digital culture of its professionals. This is a new way of understanding and integrating health processes in an ideal teaching scenario for this innovative experience in the improvement of professional medical competencies in the 21st century.

The procedures described below will form the basis of the practical part of the training, and their completion is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:





<b>Module</b>	<b>Practical Activity</b>
<b>Diagnostic Methods in Pediatric Dermatology</b>	Indicate laboratory tests or biopsies according to the case of the dermatological condition presented
	Perform the appropriate dermatological tests, from the primary consultation such as Dermatoscopy with the use of high technology equipment
	Extract the necessary samples from the patient's affected skin by mean of specific scraping techniques
	Perform anamnesis and physical examination of the patient
<b>Therapeutic Methods in Pediatric Dermatology</b>	Managing the indication of immunosuppressive drugs in infancy
	Prescribe topical corticosteroids to reduce inflammation and symptoms of the skin condition
	Use special therapeutic techniques such as cryotherapy, photodynamic therapy, among others
	Intervene in surgical procedures in cases of dermatological conditions that require it
<b>New Developments in Diagnostic Imaging Techniques, Laser Treatment and Pediatric Dermatologic Surgery</b>	Using Ultrasound in Pediatric Dermatology
	Use of lasers in the treatment of pediatric dermatological pathology
	Apply surgical techniques in pediatric dermatology
	Apply the types of sedation and anesthesia in pediatric surgery

## Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.



## General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program are as follows:

**1. TUTOR:** During the Hybrid Professional Master's Degree, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

**2. DURATION:** The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

**3. ABSENCE:** If the students does not show up on the start date of the Internship Program, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

**4. CERTIFICATION:** Professionals who pass the Hybrid Professional Master Program will receive a certificate accrediting their time spent at the center.

**5. EMPLOYMENT RELATIONSHIP:** The Hybrid Professional Master Program shall not constitute an employment relationship of any kind.

**6. PRIOR EDUCATION:** Some centers may require a certificate of prior education for the Internship Program. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

**7. - DOES NOT INCLUDE:** The Hybrid Professional Master's Degree will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed.

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

08

## Where Can I Do the Clinical Internship?

To ensure that the updating process is the best possible, TECH proposes the realization of this on-site stay in a prestigious center that can provide the doctor with the latest advances in the field of Hepatology. This is a very complex and broad field, so it requires updating by the specialist, and the role of the hospital institutions proposed here is vital in this process, since they will offer the most advanced knowledge in the specialty.



“

*The most advanced knowledge  
in Hepatology awaits you in  
this complete TECH program”*

# tech 44 | Where Can I Do the Clinical Internship?



The student will be able to take the practical part of this Hybrid Professional Master's Degree in the following centers:



## Hospital HM Modelo

Country Spain City La Coruña

Address: Rúa Virrey Osorio, 30, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Anaesthesiology and Resuscitation
- Palliative Care



## Hospital Maternidad HM Belén

Country Spain City La Coruña

Address: R. Filantropía, 3, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Update in Assisted Reproduction
- Hospitals and Health Services Management



## Hospital HM Madrid

Country Spain City Madrid

Address: Pl. del Conde del Valle de Súchil, 16, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Palliative Care
- Anaesthesiology and Resuscitation



## Policlínico HM Cruz Verde

Country Spain City Madrid

Address: Plaza de la Cruz Verde, 1-3, 28807, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Advanced Clinical Podiatry
- Optical Technologies and Clinical Optometry



## Hospital HM Rosaleda

Country Spain City La Coruña

Address: Rúa de Santiago León de Caracas, 1, 15701, Santiago de Compostela, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Hair Transplantation
- Orthodontics and Dentofacial Orthopedics



## Hospital HM Nou Delfos

Country Spain City Barcelona

Address: Avinguda de Vallcarca, 151, 08023 Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Aesthetic Medicine
- Clinical Nutrition in Medicine



## Policlínico HM Distrito Telefónica

Country Spain City Madrid

Address: Ronda de la Comunicación, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Optical Technologies and Clinical Optometry
- General and Digestive System Surgery



## Hospital HM Puerta del Sur

Country Spain City Madrid

Address: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

**Related internship programs:**

- Palliative Care
- Clinical Ophthalmology



Where Can I Do the Clinical Internship? | 45 **tech**



Medicine

### Hospital HM Torrelodones

Country

Spain

City

Madrid

Address: Av. Castillo Olivares, s/n, 28250, Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Medicine

### Policlínico HM Arapiles

Country

Spain

City

Madrid

Address: C. de Arapiles, 8, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Anaesthesiology and Resuscitation
- Pediatric Dentistry



Medicine

### Policlínico HM Gabinete Velázquez

Country

Spain

City

Madrid

Address: C. de Jorge Juan, 19, 1º 28001, 28001, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Clinical Nutrition in Medicine
- Aesthetic Plastic Surgery



Medicine

### Hospital HM Sanchinarro

Country

Spain

City

Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain

#### Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



### Hospital HM Montepríncipe

Country  
Spain

City  
Madrid

Address: Av. de Montepríncipe, 25, 28660,  
Boadilla del Monte, Madrid

Network of private clinics, hospitals and specialized centers  
distributed throughout Spain

- 
- Related internship programs:**
- Palliative Care
  - Aesthetic Medicine



### Policlínico HM Moraleja

Country  
Spain

City  
Madrid

Address: P.º de Alcobendas, 10, 28109,  
Alcobendas, Madrid

Network of private clinics, hospitals and specialized centers  
distributed throughout Spain

- 
- Related internship programs:**
- Rehabilitation Medicine in Acquired Brain Injury Management



### Hospital HM Nuevo Belén

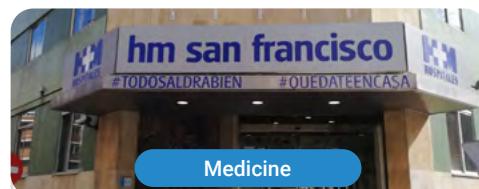
Country  
Spain

City  
Madrid

Address: Calle José Silva, 7, 28043, Madrid

Network of private clinics, hospitals and specialized centers  
distributed throughout Spain

- 
- Related internship programs:**
- General and Digestive System Surgery
  - Clinical Nutrition in Medicine



### Hospital HM San Francisco

Country  
Spain

City  
León

Address: C. Marqueses de San Isidro, 11,  
24004, León

Network of private clinics, hospitals and specialized centers  
distributed throughout Spain

- 
- Related internship programs:**
- Update in Anesthesiology and Resuscitation
  - Trauma Nursing





### Hospital HM Regla

Country: Spain      City: León

Address: Calle Cardenal Landázuri, 2,  
24003, León

Network of private clinics, hospitals and specialized centers  
distributed throughout Spain

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#### Related internship programs:

- Update on Psychiatric Treatment in Minor Patients



### Policlínico HM Imi Toledo

Country: Spain      City: Toledo

Address: Av. de Irlanda, 21, 45005, Toledo

Network of private clinics, hospitals and specialized centers  
distributed throughout Spain

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#### Related internship programs:

- Electrotherapy in Rehabilitation Medicine
- Hair Transplantation

09

# 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.



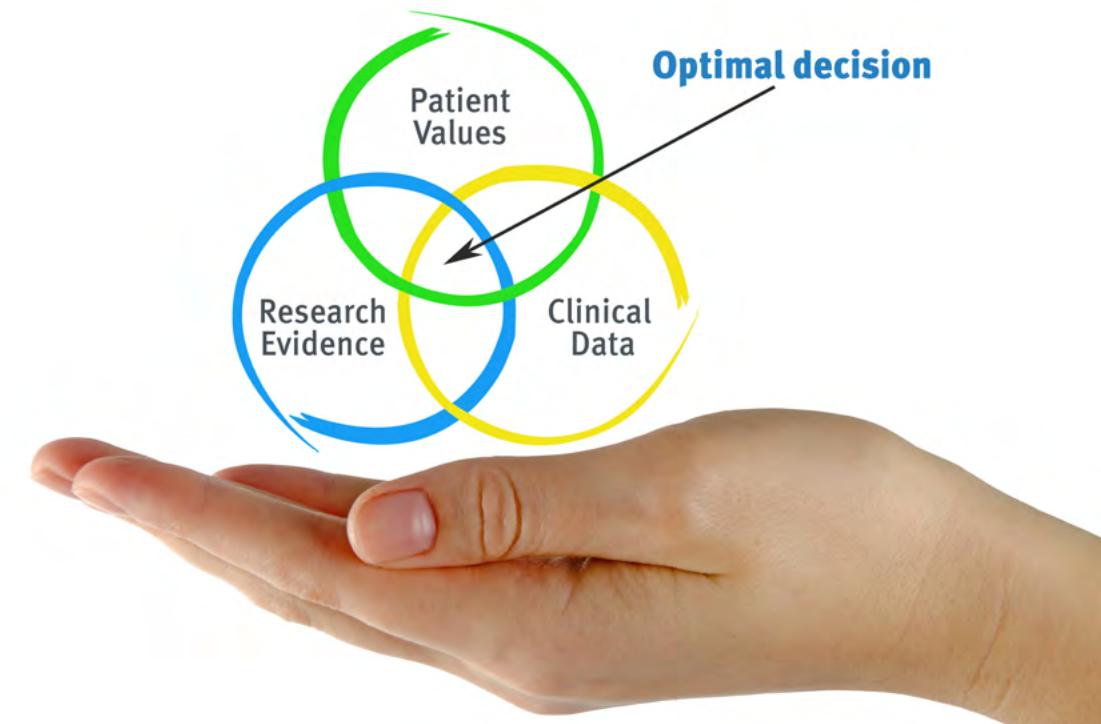
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## 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. Gérvás, 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:

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

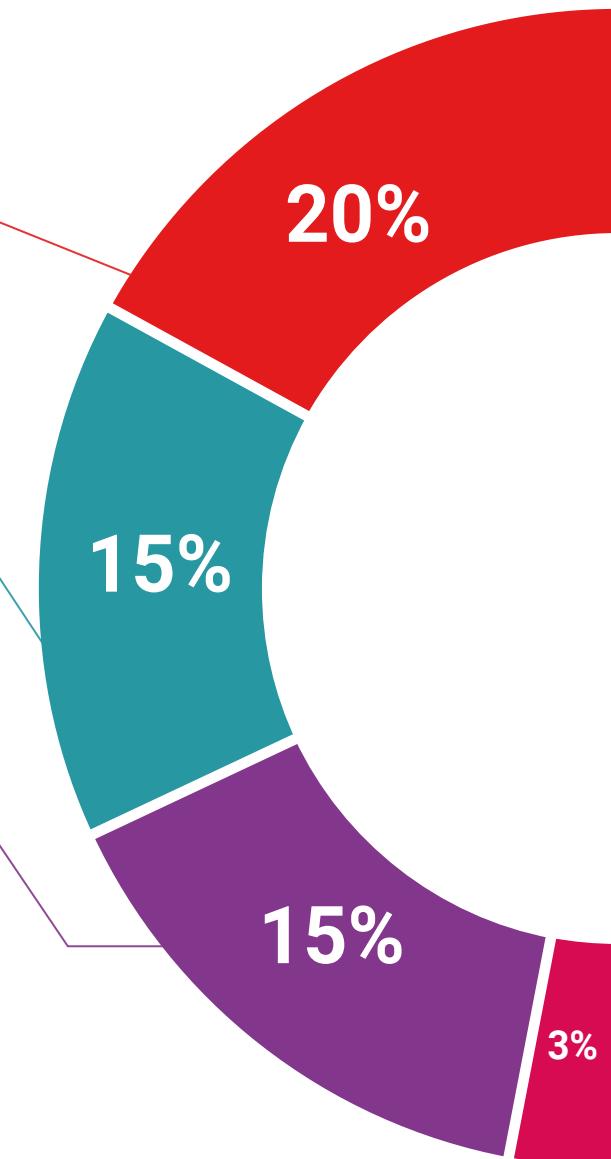
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

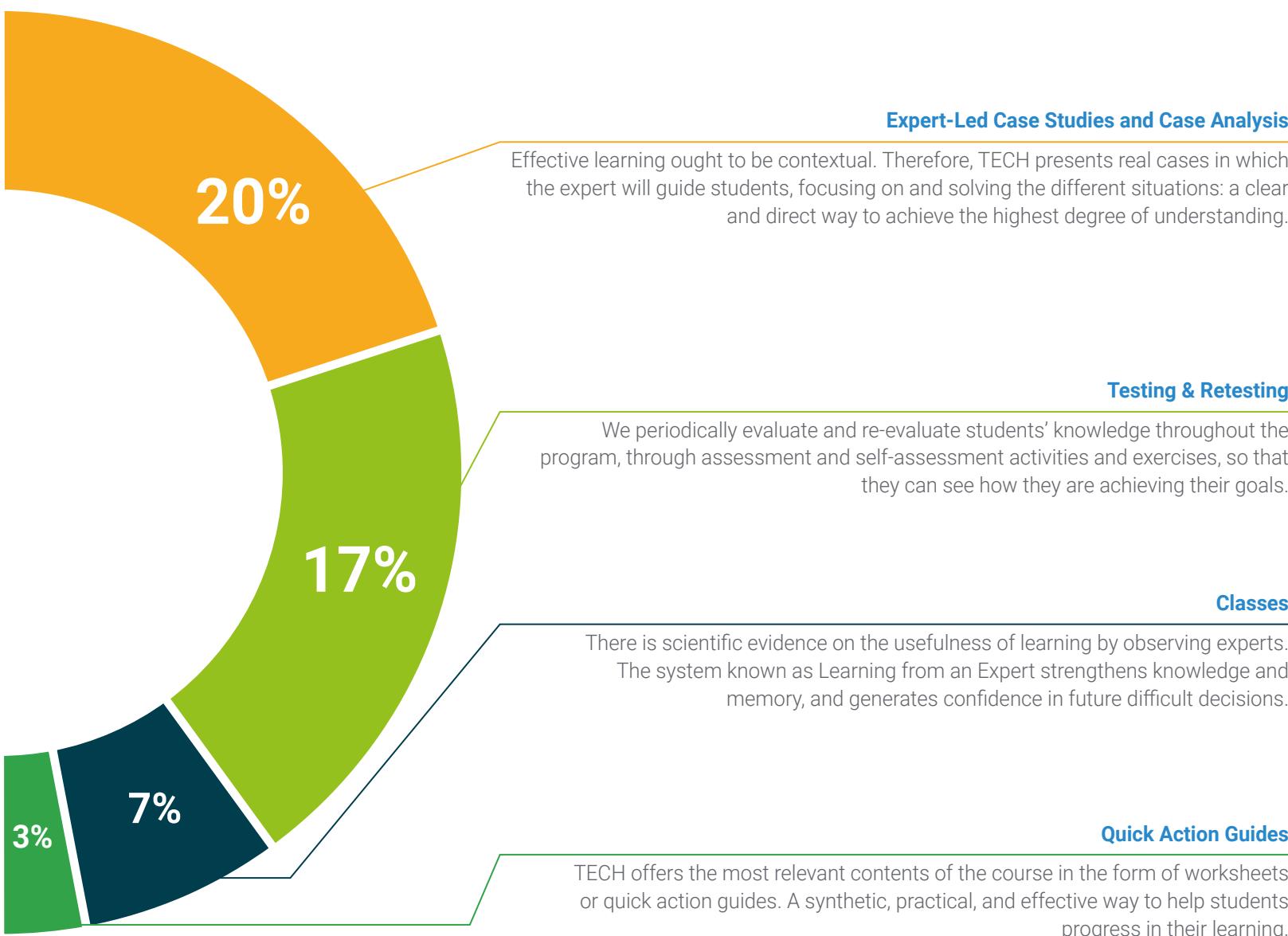
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### 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.





10

# Certificate

The Hybrid Professional Master's Degree in Pediatric Dermatology guarantees students, in addition to the most rigorous and up-to-date education, access to a Hybrid Professional Master's Degree 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 **Hybrid Professional Master's Degree in Pediatric Dermatology** contains the most complete and updated program in the professional and academic panorama.

After the student has passed the assessments, they will receive their corresponding Hybrid Professional Master's Degree Certificate issued by TECH Technological University via tracked delivery\*.

In addition to the diploma, students will be able to obtain an academic transcript, as well as a certificate outlining the contents program. In order to do so, students should contact their academic advisor, who will provide them with all the necessary information.



Program: **Hybrid Professional Master's Degree in Pediatric Dermatology**

Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months**

Certificate: **TECH Technological University**

Teaching Hours: **1620 h.**

General Structure of the Syllabus				
Year	Subject	Hours	Type	
1	Review of Congenital and Neonatal Skin Pathology	150	CO	
1	Eczematous and Papular desquamative Dermatoses	147	CO	
1	Update in Vascular Pathology	147	CO	
1	Pathology of Skin Appendages	147	CO	
1	Pigmentary Pathology, Benign and Malignant Tumor Pathology	147	CO	
1	Infectious Pathology in Pediatric Dermatology	147	CO	
1	Genodermatoses	147	CO	
1	Systemic Pathology with Cutaneous Involvement	147	CO	
1	Skin Pathology Due to External Agents and Physical Damage Other Pathologies	147	CO	
1	New Developments in Diagnostic Imaging Techniques, Laser Treatment and Pediatric Dermatologic Surgery	147	CO	
1	Advances in Childhood Blistering Diseases	147	CO	

\*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



Hybrid Professional Master's  
Degree

Pediatric Dermatology

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.

# Hybrid Professional Master's Degree

## Pediatric Dermatology