

# Postgraduate Certificate Pediatric Dermatology





## Postgraduate Certificate Pediatric Dermatology

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/medicine/postgraduate-certificate/pediatric-dermatology](http://www.techtute.com/us/medicine/postgraduate-certificate/pediatric-dermatology)

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# 01

# Introduction

Dermatological conditions have become one of the most common causes of consultation in pediatrics. Not surprisingly, they account for between 5% and 30% of visits to the doctor, covering a range of diseases that are particularly bothersome for the pediatric patient. In this sense, the design of treatments that address the specificities of each case comes into play. Therefore, this program provides pediatricians with a high level of preparation in the identification and approach to dermatological disorders such as viral infections, cutaneous mitosis or eczema. In this way, the specialist physician will have the keys to excel in this field with an online program that can be combined with their healthcare activity.





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*Thanks to this Postgraduate Certificate you will provide relief to the annoying dermatological alterations of pediatric patients updating your care strategies”*

Dermatological diseases in pediatric patients appear in very specific forms, making treatment ineffective if it is too generic and does not take into account the specificities of the child. In fact, some of these pathologies have a high incidence, as in the case of Atopic Dermatitis, which affects no less than 20% of children worldwide. Likewise, viral infections are also one of the most common causes, with conditions such as molluscum, causing great itching of the skin.

The concern of parents about this accumulation of skin diseases is evident and they have higher and higher expectations with their trusted pediatric dermatologist. With this TECH program, these specialists will be able to more than meet their demands. Therefore, they will have the opportunity to develop appropriate care techniques for pathologies with a high incidence in the pediatric population, such as Cutaneous Miosis, Acne, Eczema or Cutaneous Mycosis. They will also focus on dermatological alterations in hair or nails, as well as malformations that may arise in the eyelids. All this in-depth study will allow them to complete a comprehensive tour in this field.

In this way, specialists will boost their professional careers with the convenience of updating their knowledge from home, having access to the largest multimedia library of resources on the subject. In addition, their educational experience will go hand in hand with the latest technological innovations in the sector, as they will see in the Virtual Campus.

This **Postgraduate Certificate in Pediatric Dermatology** contains the most complete and up-to-date scientific program on the market. The most important features include:

- The development of practical case studies presented by experts in Pediatric Dermatology
- The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable 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



*Become the specialist parents need to address Atopic Dermatitis, which affects 20% of children worldwide"*

“

*A program with which you will analyze practical cases to examine the best approach to cutaneous alterations of the hair and nails”*

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 course. For this purpose, students will be assisted by an innovative interactive video system created by renowned experts in the field of educational coaching with extensive experience.

*It excels in the treatment of viral infections to reduce skin inflammations that cause itching in children.*

*Incorporates into your work methodology fundamental care techniques for decision making in consultation.*





# 02 Objectives

The objectives of this Postgraduate Certificate revolve around the preparation of pediatric dermatologists needed by today's society. In line with current research, the program will review the most appropriate care procedures, aimed at both prevention and medical intervention.

This will be done through a balanced theoretical-practical learning that will facilitate the acquisition of competences of the program.







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*Obtain a broad depth of knowledge in key dermatological diseases in order to advise parents on how to act in cases of infectious or parasitic dermatoses”*



## General Objectives

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- Update the physician in advanced life support and diagnostic and therapeutic techniques for pediatric patients with urgent pathology
- Expand knowledge in the provision of emergency care to improve the child's prognosis and family care
- Review the main pathologies in children and adolescents and the advances made in them



*With this Postgraduate Certificate you will analyze the main food allergies to establish the appropriate diagnosis”*







## Specific Objectives

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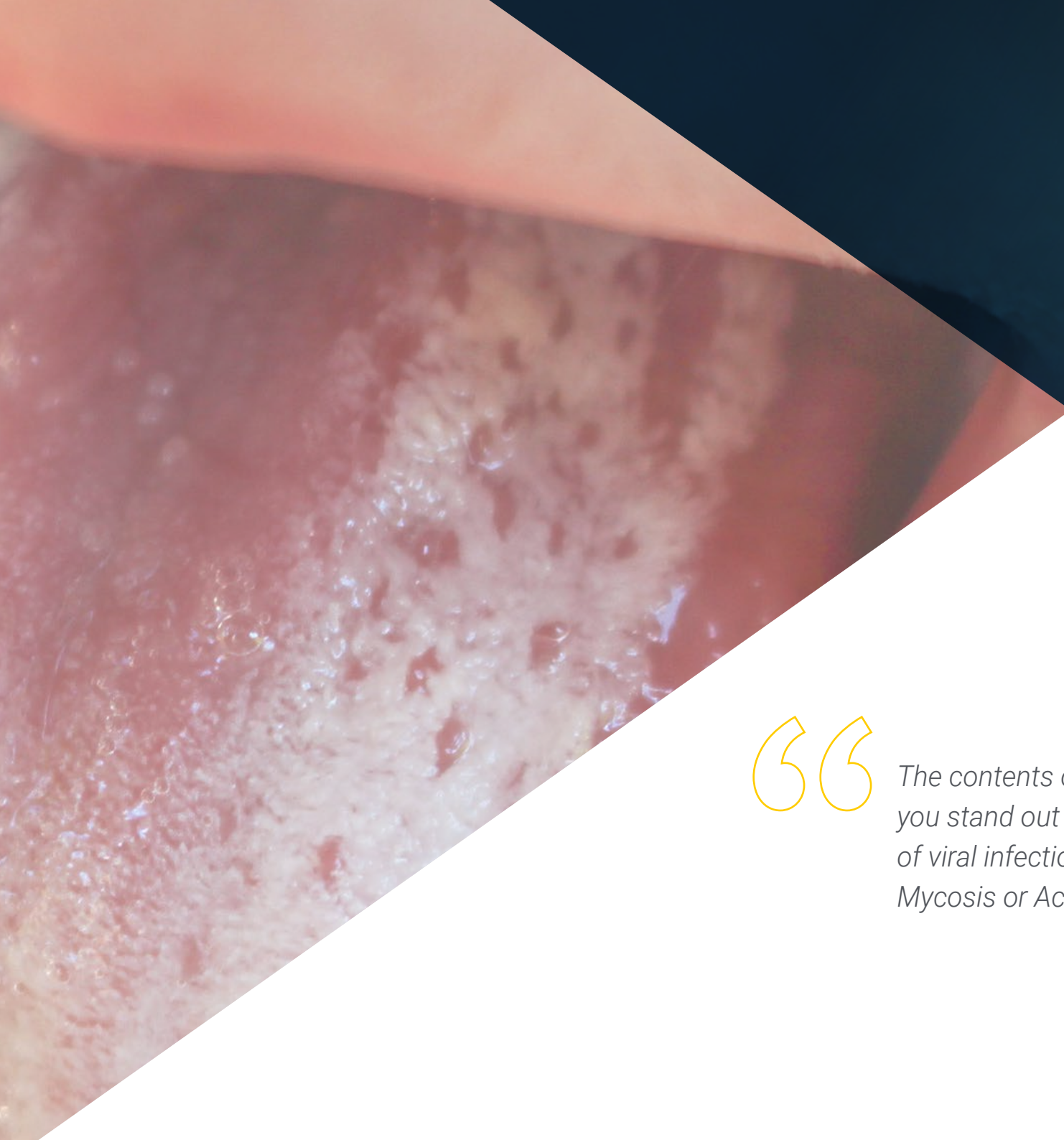
- ♦ Describe the etiology and basic characteristics of certain dermatological alterations in childhood
- ♦ Implement treatment plans in the case of alterations such as eczema or acne
- ♦ Identify possible related illnesses and their etiology
- ♦ Explain the course of action in cases of infectious or parasitic dermatoses
- ♦ Describe the main food allergies and how to establish an appropriate diagnosis
- ♦ Implement treatment and dietary plans with the aim of avoiding acute allergic reactions in children with allergies
- ♦ Describe the different diagnostic tests as well as how to prepare for them and possible complications that could arise
- ♦ Describe the action to be taken in case of urticaria and avoid the onset of angioedema by implementing appropriate therapeutic measures
- ♦ Describe ocular examination in children and the normal parameters
- ♦ Detect ophthalmologic conditions of infectious origin and establish appropriate treatment
- ♦ Establish a proper diagnosis in case of strabismus and apply necessary corrective measures
- ♦ Identify other ophthalmologic pathologies which require surgical and/or specialist care

03

# Structure and Content

The Postgraduate Certificate contents maintain the highest educational standards of TECH and it is possible to access them through any electronic device, for the ease of the students. Likewise, the topics taught by the teachers have a multitude of multimedia resources, such as videos, interactive summaries or case studies, among others. This makes the student's learning experience more natural, since, through repetition, they will be able to fully assimilate all the ideas. This methodology is known as Relearning and TECH leads its implementation in the sector.





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*The contents of the curriculum will make you stand out through the in-depth study of viral infections, Pediculosis, Cutaneous Mycosis or Acne”*



## Module 1. Dermatology and Ophthalmology

- 1.1. Cutaneous Viral and Bacterial Infections
- 1.2. Cutaneous Mycosis in Childhood
- 1.3. Pediculosis in Childhood
- 1.4. Eczema. Atopic Dermatitis
- 1.5. Acne
- 1.6. Skin Alterations of the Hair and Nails
- 1.7. Visual Control in Children
- 1.8. Visual Sharpness. Amblyopia. Strabismus. Diagnosis. Treatment Focus According to the Clinical Conditions
- 1.9. Conjunctivitis and Blepharitis Red Eye: Differential Diagnosis. Therapeutic Approach
- 1.10. Eyelids and Tear System: Ptosis. Malformations. Tear Obstruction







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*Become the master of your own learning and master the main concepts of Pediatric Dermatology”*

04

# 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.





05

# Certificate

The Postgraduate Certificate in Pediatric Dermatology guarantees students, in addition to the most rigorous and up-to-date education program, access to a Postgraduate Certificate 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 private qualification will allow you to obtain a **Postgraduate Certificate in Pediatric Dermatology** 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** private qualification, 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 Certificate in Pediatric Dermatology**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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



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



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