

Postgraduate Certificate Pediatric Endocrinology





Postgraduate Certificate Pediatric Endocrinology

- » 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-endocrinology

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01

Introduction

According to the World Health Organization, between 1975 and the present, the prevalence of obesity has tripled. This has had special incidence in the child population, with impact figures: more than 41 million children under five years of age are overweight or obese. This makes counseling to improve their lifestyles relevant, with medical intervention taking on great importance. Therefore, with this program, pediatric endocrinologists will find a valuable tool to update their training, examining the normal and pathological growth of the young and delving into the role of congenital metabolic diseases. An essential qualification offered in a 100% online format.



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With this Postgraduate Certificate, the medical specialist will master the role of congenital metabolic diseases”

The pathological situations that a pediatric endocrinologist faces with children are very different from those of an adult. The first group is in a transcendental phase in their lives, in full growth, and it is at this point that possible hormonal problems come into play. In this way, thyroid alterations, Diabetes Mellitus, pubertal development disorders or Acne with hormonal origin, among other disorders, may arise. This implies close work of the specialist with the family unit to ensure the welfare of the pediatric patient.

That is why this TECH program will allow you to obtain the most advanced preparation in therapeutic tools and approach in this field. Students will successfully identify disorders related to feeding in the patient, investigating congenital metabolic diseases and pathologies as frequent as Obesity or Diabetes.

In the same way, the most typical situations experienced by the child in puberty will be discussed and emphasis will be placed on the diagnosis of adrenal insufficiency in Primary Care. Likewise, they will also be prepared to recognize Cryptorchidism and implement actions for its resolution.

Therefore, with this complex academic background, pediatric endocrinologists will be more proficient in an area of special interest for parents. In fact, they will be able to combine the program with their practice thanks to the online format and will benefit from the excellent know-how of the Postgraduate Certificate teaching team.

This **Postgraduate Certificate in Pediatric Endocrinology** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- The development of practical case studies presented by experts in Pediatric Endocrinology
- The graphic, schematic, and practical content 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



Ensure the well-being of the whole family by masterfully monitoring the correct growth of the child and performing the necessary medical interventions”

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Examine in depth Hypopituitarism in children, adapting your care strategies for a successful approach”

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

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive learning programmed to prepare for 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. For this purpose, students will be assisted by an innovative interactive video system created by renowned experts.

Enroll to become an expert in the implementation of therapeutic plans for the care and treatment of the diabetic child.

Identify disorders related to feeding to perform a comprehensive follow-up of the patient thanks to this program.



02 Objectives

This Postgraduate Certificate is based on the successful acquisition of competencies of the medical specialist in a field that poses continuous challenges. The theoretical and practical development of the program will guarantee you will be able to perform with ease in an area of growing demand, promoting your learning through the latest educational innovations. In this way, you will incorporate into your work methodology various advances that will make the approach to pathologies of this type highly effective.



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With the objectives of this program, students will quickly recognize cryptorchidism in children and will act quickly and effectively for its resolution”



General Objectives

- ♦ 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



Achieve your objectives with the support of a teaching team that will help you discover the keys to medical intervention in demanding real case studies”





Specific Objectives

- Identify food-related disorders and carry out comprehensive monitoring of the child
- Implement treatment plans for the care and treatment of a diabetic child
- Explain how to avoid hypoglycemia in a diabetic child and how to act if they do happen to arise
- Identify abnormal growth in the child
- Recognize cryptorchidism and implement actions for resolving it
- Identify situations which require urgent action

03

Structure and Content

The specialists who make up the teaching team have supervised in great detail the composition of this program so that students have all the keys to professional success. In fact, the availability from the very beginning of the complete syllabus on the Virtual Campus gives students the opportunity to distribute the teaching load according to their needs, benefiting in turn from the practical methodology of Relearning.



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A curriculum that covers the normal and pathological growth of the child, as well as thyroid diseases at these ages”

Module 1. Nutrition Endocrine Metabolism

- 1.1. Normal and Pathological Growth. A Child Who Does Not Grow
- 1.2. Diabetes
- 1.3. Obesity
- 1.4. Congenital Metabolic Diseases
- 1.5. Dyslipidemia in Pediatric Ages
- 1.6. The Child With Short Stature
- 1.7. Hypopituitarisms in Children
- 1.8. Thyroid Diseases in Childhood
- 1.9. Pathologies of Puberty
- 1.10. Diagnosis of Adrenal Insufficiency in Primary Care





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Distribute the teaching load of the program to your convenience. With TECH it's all advantages!”

04

Study Methodology

TECH is the first university in the world to combine case study methodology with Relearning, a 100% online learning system based on guided repetition.

This innovative pedagogical strategy has been conceived to offer professionals the opportunity to update knowledge and develop skills in an intensive and rigorous way. A learning model that places the student at the center of the academic process and gives them the leading role, adapting to their needs and leaving aside the more conventional methodologies.



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TECH prepares you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs.

In TECH's study methodology, the student is the absolute protagonist. The pedagogical tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is the student who chooses the time they spend studying, how they decide to establish their routines and all this from the comfort of the electronic device of their choice. The student will not have to attend live classes, which many times they cannot attend. The learning activities will be done when it is convenient for them. You will always be able to decide when and from where to study.

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At TECH you will NOT have in person classes (which you might not be able to attend)”



The most comprehensive curriculums at the international level

TECH is characterized by offering the most comprehensive academic itineraries in the university environment. This comprehensiveness is achieved through the creation of curriculums that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly updated, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive preparation that provides them with a notable competitive advantage to advance in their careers.

And what's more, they will be able to do so from any device, PC, tablet or smartphone.

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TECH's model is asynchronous, so it allows you to study with your PC, tablet or smartphone wherever you want, whenever you want and for as long as you want”

Case Studies or Case Method

The case method has been the learning system most used by the best business schools in the world. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to solve them. In 1924 it was established as a standard teaching method at Harvard.

With this teaching model, it is the student who builds their professional competence through strategies such as Learning by Doing or Design Thinking, which are used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, argue and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Method

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, they are able to review and reiterate the key concepts of each subject and learn to apply them in a real environment.

Along the same lines, and according to multiple scientific researches, repetition is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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



A 100% online Virtual Campus with the best teaching resources

To apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on reiteration, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neurosciences points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus for long-term retention. This is a model called Neurocognitive Context-Dependent E-Learning that is consciously applied in this university program.

Furthermore, in order to maximize tutor-student contact, a wide range of communication possibilities are provided, both in real time and deferred (internal messaging, discussion forums, telephone answering service, e-mail contact with the technical secretary, chat and videoconferencing).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, in accordance with their accelerated professional updating.



The online mode of study of this program will allow you to organize your time and your learning pace, adapting it to your schedule”

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 assess 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.

The university methodology best rated by its students

The results of this innovative academic model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the quality of teaching, quality of materials, course structure and objectives is excellent. Not surprisingly, the institution became the best-rated university by its students on the Trustpilot review platform, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is up to date with the technological and pedagogical vanguard.

You will be able to learn with the advantages of access to simulated learning environments and the learning by observation approach, that is, the "Learning from an Expert" approach.



Therefore, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific skills and abilities in each thematic area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the context of the globalization in which we live.



Interactive Summaries

We present the contents in an attractive and dynamic way in multimedia pills that include audio, videos, images, diagrams and concept maps in order to reinforce knowledge.

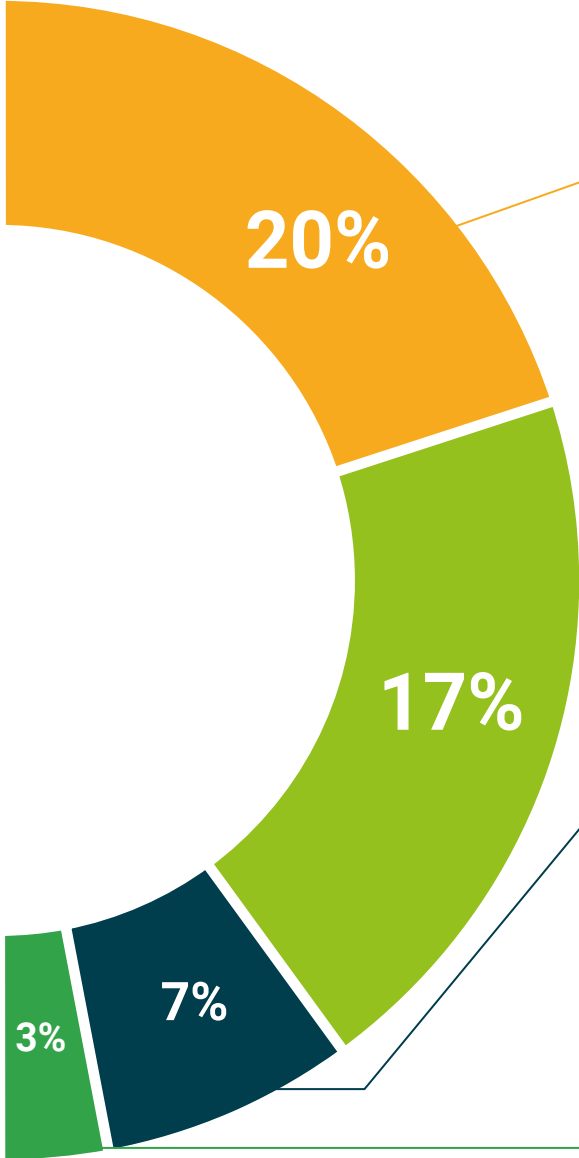
This unique educational system for the presentation of multimedia content was awarded by Microsoft as "Successful Case in Europe."



Additional Reading

Recent articles, consensus documents, international guidelines... In our virtual library you will have access to everything you need to complete your course.





Case Studies

You will complete a selection of the best case studies in the field. Cases presented, analyzed and tutored by the best specialists in the world.



Testing & Retesting

We periodically evaluate and re-evaluate your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



Masterclasses

There is scientific evidence suggesting that observing third-party experts can be useful.
Learning from an expert strengthens knowledge and recall, and generates confidence in our 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 Endocrinology guarantees students, in addition to the most rigorous and up-to-date education, 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 Endocrinology** 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 Endocrinology**

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
online training
development languages
virtual classroom



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