

# Postgraduate Certificate

## Nutrition and Non-Digestive Pathologies for Pediatric Doctors



## Postgraduate Certificate Nutrition and Non-Digestive Pathologies for Pediatric Doctors

- » Modality: online
- » Duration: 12 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/in/medicine/postgraduate-certificate/nutrition-non-digestive-pathologies-pediatric-doctor](http://www.techtute.com/in/medicine/postgraduate-certificate/nutrition-non-digestive-pathologies-pediatric-doctor)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 16*

05

Methodology

---

*p. 20*

06

Certificate

---

*p. 28*

# 01

# Introduction

Specialization in Nutrition is the essential response of the Professional to the care and preventive needs of the population in matters of food and health. In pediatric pathology, nutrition intervenes as an etiological factor and as a complication of other diseases. For this reason, there is a growing interest in the study of food and nutrition in the genesis, treatment and support of a large number of pathologies in children as future healthy adults.





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*Improve your knowledge through this program,  
where you will find the best didactic material  
with real clinical cases"*

This program offers the possibility to deepen and update knowledge with the use of the latest educational technology. It provides an overview of artificial nutrition and child malnutrition, while focusing on the most important and innovative aspects of pediatric nutrition and dietetics.



*Update your knowledge through the Postgraduate Certificate in Nutrition and Non-Digestive Pathologies for Pediatric Doctors in a practical way and adapted to your needs"*

This **Postgraduate Certificate Nutrition and Non-Digestive Pathologies for Pediatric Doctors** contains the most complete and up to date scientific program on the market.

The most important features of the course are:

- ♦ The development of clinical cases presented by experts in Nutrition and Non Digestive Pathologies in Childhood.
- ♦ Its graphic, schematic and eminently practical contents, with which they are conceived, provide a scientific and assistance incapacitation on those disciplines that are essential for professional practice.
- ♦ News on Nutrition and Non-Digestive Pathologies in Childhood.
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning.
- ♦ Algorithm-based interactive learning system for decision-making in the situations that are presented to the student.
- ♦ Special emphasis on methodologies based on Nutrition and Non Digestive Pathologies in Childhood.
- ♦ Theoretical lessons, questions to the expert, discussion forums on controversial issues and individual reflection papers.
- ♦ Content that is accessible from any fixed or portable device with an Internet connection.

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*This course may be the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Nutrition and Non-Digestive Pathologies for Pediatric Doctors, you will obtain a certificate issued by TECH - Technological University"*

Its teaching staff includes professionals belonging to the field of Nutrition and Non-Digestive Pathologies in Childhood, who bring to this training the experience of their work, in addition to recognized specialists from leading scientific societies.

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 an immersive training experience designed to train for real-life situations.

The design of this program focuses on Problem-Based Learning, by means of which the physician must try to solve the different professional practice situations that arise throughout the course. For this purpose, the specialist will be assisted by an innovative interactive video system created by renowned and experienced experts in the field of Nutrition and Non-Digestive Pathologies in Children.

*The course includes real clinical cases and exercises to bring the training closer to the physician's clinical practice*

*Take the opportunity to update your knowledge in Nutrition and Non Digestive Pathologies in Childhood and improve your patient care*



# 02 Objectives

The main objective of this program is the development of theoretical and practical learning, so that the physician can master in a practical and rigorous way the **Nutrition and Non Digestive Pathologies in Childhood**.







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*This refresher program will generate a sense of security in the performance of the physician's praxis, which will help them grow personally and professionally"*



## General Objectives

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- Update the pediatrician's knowledge on new trends in child nutrition in both health and pathological situations through evidence-based medicine.
- Promote work strategies based on the practical knowledge of the new trends in nutrition and its application to children's pathologies, where nutrition plays a fundamental role in their therapy.
- Encourage the acquisition of technical skills and abilities, through a powerful audiovisual system, and the possibility of development through online simulation workshops and/or specific training.
- Encourage professional stimulation through continuous education and research.





## Specific Objectives

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- ♦ Define the dietary management of the child with nephropathy.
- ♦ Reflect on the role of nutrition in autistic children.
- ♦ Identify dietary factors related to bone metabolism.
- ♦ Identify the appropriate nutritional therapy for pediatric patients with chronic pulmonary pathology.
- ♦ Assess the psychological and physiological aspects involved in feeding disorders in young children.
- ♦ To identify eating behavior disorders.
- ♦ Explain the treatment of dyslipidemias and the role that nutrition plays in their genesis and treatment.
- ♦ To manage the dietetic treatment of the diabetic child.
- ♦ To assess the nutritional support of children with cancer in different situations.



*Take the step to get up to date on the latest developments in Development Education Intervention Strategies"*



03

# Course Management

The program's teaching staff includes leading specialists in Nutrition and Non-Digestive Pathologies for Pediatric Doctors and other related areas, who contribute their years of work experience to this academic program. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.





*Learn the latest advances in Nutrition and Non-Digestive Pathologies for Pediatric Doctors procedures from leading professionals”*

## Management



### Ms. Auni3n Lavar3as, Mar3a Eugenia

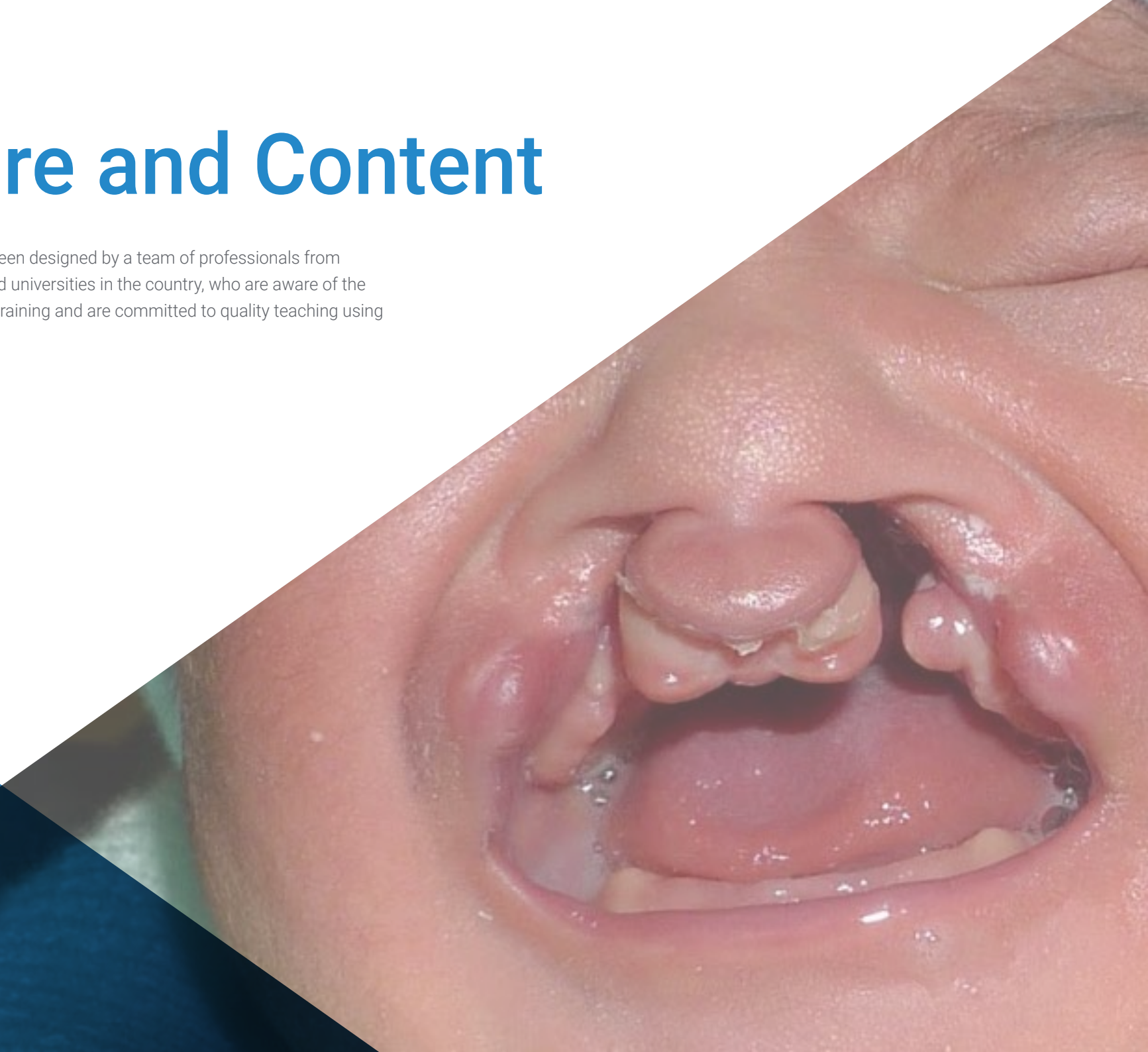
- ◆ Pharmacist and Clinical Nutrition Expert
- ◆ "Author of the reference book in the field of Clinical Nutrition "*Dietetic Management of Overweight in the Pharmacy Office*". (Panamerican Medical Publishing House)
- ◆ Pharmacist with extensive experience in the public and private sector
- ◆ Pharmacist in Valencia Pharmacy
- ◆ Pharmacy Assistant in the British pharmacy and health and beauty retail chain Boots, UK
- ◆ Degree in Pharmacy and Food Science and Technology. University of Valencia
- ◆ Director of the University Course "Dermocosmetics in the Pharmacy Office"



04

# Structure and Content

The structure of the contents has been designed by a team of professionals from the best educational institutions and universities in the country, who are aware of the relevance of up-to-date, innovative training and are committed to quality teaching using new educational technologies.







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*This Postgraduate Certificate in Nutrition and Non-Digestive Pathologies in Childhood contains the most complete and up to date scientific program on the market"*

## Module 1. Nutrition and Non-Digestive Pathologies for Pediatric Doctors

- 1.1. Feeding Difficulties and Disorders in Children.
  - 1.1.1. Physiological Aspects.
  - 1.1.2. Psychological Aspects.
- 1.2. Eating Disorders.
  - 1.2.1. Anorexia.
  - 1.2.2. Bulimia.
  - 1.2.3. Others.
- 1.3. Inborn Errors of Metabolism.
  - 1.3.1. Principles for Dietary Treatment.
- 1.4. Nutrition in Dyslipidemia
  - 1.4.1. Nutritional Mechanisms to Prevent Dyslipidemias.
  - 1.4.2. Nutritional Mechanisms to Treat Dyslipidemias.
- 1.5. Nutrition in Diabetic Children.
  - 1.5.1. Repercussions of Diabetes in the Child's Nutrition.
  - 1.5.2. Mechanisms to Avoid Related Malnutrition.
- 1.6. Nutrition in Autistic Children.
  - 1.6.1. Repercussions of this Alteration in the Child's Nutrition.
  - 1.6.2. Mechanisms to Avoid Related Malnutrition.
- 1.7. Nutrition in Children with Cancer.
  - 1.7.1. Impact of Disease and Treatments on Child Nutrition.
  - 1.7.2. Mechanisms to Avoid Related Malnutrition.
- 1.8. Nutrition in Children with Chronic Pulmonary Pathology.
  - 1.8.1. Repercussions of this Alteration in the Child's Nutrition.
  - 1.8.2. Mechanisms to Avoid Related Malnutrition.
- 1.9. Nutrition in Children with Nephropathy.
  - 1.9.1. Repercussions of this Alteration in the Child's Nutrition.
  - 1.9.2. Mechanisms to Avoid Related Malnutrition.
  - 1.9.3. Special Diets.
- 1.10. Nutrition in Children with Food Allergies and/or Intolerances.
  - 1.10.1. Special Diets.
- 1.11. Childhood and Bone Pathology Nutrition.
  - 1.11.1. Mechanisms for Good Bone Health in Childhood.





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

05

# Methodology

This training program provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used 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 Re-learning, 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

In a given situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, 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 can experience a way of learning that is shaking the foundations of traditional universities around the world*



According to Dr. Gervas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching potential 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 professional medical 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 grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on 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.



## Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.



*The Doctor will learn through real cases and by solving 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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 250,000 Doctors with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*Re-learning 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 (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by our learning system is 8.01, according to the highest international standards.



In this program you will have access to the best educational material, prepared with you 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 really 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.



### Latest Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



### Interactive Summaries

We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



### Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





**Expert-led case studies and case analysis**

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through the development of attention and the resolution of different situations: a clear and direct way to achieve the highest degree of understanding.



**Testing & Retesting**

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.



**Classes**

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an expert reinforces knowledge and memory, and builds confidence in our difficult future decisions.



**Quick Action Guides**

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



# 06 Certificate

The Postgraduate Certificate Nutrition and Non-Digestive Pathologies for Pediatric Doctors guarantees, in addition to the most rigorous and up to date training, access to a Course Certificate issued by **TECH - Technological University**.



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*Successfully complete this training and receive your diploma without the hassle of travel or paperwork”*

This **Postgraduate Certificate in Nutrition and Non-Digestive Pathologies for Pediatric Doctors** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Nutrition and Non-Digestive Pathologies for Pediatric Doctors**

Official Nº of Hours: **350 h.**



\*Apostille Convention. In the event that the student wishes to have their paper certificate Apostilled, TECH EDUCATION will make the necessary arrangements to obtain it at an additional cost of €140 plus shipping costs of the Apostilled certificate.

health future  
confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge presentation  
online learning  
development languages  
virtual classroom

**tech** technological  
university

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Nutrition and Non-Digestive  
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- » Duration: 12 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
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for Pediatric Doctors