

# Postgraduate Certificate Pediatric Malnutrition





## Postgraduate Certificate Pediatric Malnutrition

Course Modality: Online

Duration: 6 weeks

Certificate: TECH Technological University

Teaching Hours: 200 hours.

Website: [www.techitute.com/in/pharmacy/postgraduate-certificate/pediatric-malnutrition](http://www.techitute.com/in/pharmacy/postgraduate-certificate/pediatric-malnutrition)

# 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

The student will specialize in Pediatric Malnutrition and will learn to classify the different types of malnutrition and its repercussion on the developing organism. In addition, you will learn the procedure to explain the nutritional treatment of the most frequent deficiency diseases in the environment. A unique opportunity to specialize in a sector with a high demand for professionals.



“

*Improve your knowledge through this program, where you will find the best didactic material with real clinical cases. Learn here about the latest advances in the speciality to be able to perform a quality pharmaceutical practice"*

With this high-level program, the student will learn how to evaluate and monitor the follow-up of children with nutritional support, carefully designed by pharmaceutical professionals with extensive experience in the sector.

This program offers the student the possibility of deepening and updating knowledge, using the latest educational technology. It offers a global vision of artificial nutrition and Pediatric Malnutrition while focusing on the most important and innovative aspects of pediatric nutrition and dietetics.

This program provides specialization in the field of Child Nutrition in Pediatrics in areas of particular interest such as:

- ◆ Essential fatty acids
- ◆ Impact of childhood obesity
- ◆ Psychosocial aspects of Pediatric Malnutrition

Within this program we can find a teaching staff of the highest level, made up of professionals closely related to clinical nutrition, outstanding in their field and who lead lines of research and field work, as well as recognized specialists from leading societies and prestigious universities.

This program has multimedia content that helps you acquire the knowledge that is presented, elaborated with the latest educational technology. At the same time, it will provide the student with situated and contextual learning, within a simulated environment that provides training focused on solving real problems.

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

- ◆ Clinical cases presented by experts in nutrition. Its graphic, schematic and eminently practical contents are designed to provide scientific and assistance information on those pharmaceutical disciplines that are essential for professional practice.
- ◆ Diagnostic and therapeutic novelties in Pediatric Malnutrition
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course.
- ◆ With a special emphasis on evidence-based pharmacy and clinical nutrition 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



*Expand your knowledge through the Postgraduate Certificate in Pediatric Malnutrition, in a practical way and adapted to your needs”*

“

*This Postgraduate Certificate 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 Pediatric Malnutrition, you will obtain a Postgraduate Certificate degree from the first educational institution in Spain, TECH"*

Forming part of the teaching staff is a group of professionals in the world of clinical nutrition, who bring to this course their work experience, as well as a group of renowned specialists, recognised by esteemed scientific communities.

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 training program to train in real situations.

This program is designed around Problem-Based Learning, through which the pediatrician must try to solve the different professional practice situations that arise during the course of the Postgraduate Certificate. For this reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of radiology with extensive teaching experience.

*This course allows training in simulated environments, which provide immersive learning programmed to train for real situations.*

*It includes clinical cases to bring the development of the program as close as possible to the reality of pharmacy care.*



A yellow highlighter is positioned diagonally across the bottom right corner of the page. Below it, a checklist is visible with a red checkmark next to the item 'Vitamin B12'. The checklist items are: 'Osmolality', 'Vitamin B12', 'Folic acid', and 'D-dimer'. The 'Vitamin B12' item is checked, while the others are not.

- Osmolality
- Vitamin B12
- Folic acid
- D-dimer

02

# Objectives

The program's primary objective is focused on theoretical and practical learning, so that the nutritionist is able to master Pediatric Malnutrition in both a practical and rigorous manner.







“

*This refresher program will generate a sense of security in pharmacy practice, which will help you grow both personally and professionally”*



## General Objectives

---

- ◆ Update the professional's knowledge on new trends in human nutrition, in both health and disease situations, through evidence-based medicine.
- ◆ Promote work strategies based on the practical knowledge of the new trends in nutrition and its application to child pathologies, where nutrition plays a fundamental role in treatment
- ◆ 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
- ◆ Train the professional for research into patients with nutritional problems





## Specific Objectives

---

- ◆ Identify children at nutritional risk who are eligible for specific support
- ◆ Evaluate and monitor the supervision of children on nutritional support
- ◆ Identify children suffering from malnutrition
- ◆ Describe the correct nutritional support for a malnourished child
- ◆ Classify the different types of malnutrition and their impact on the developing organism
- ◆ Reflect on the etiology, repercussions, and treatment of childhood obesity
- ◆ Explain the nutritional treatment of the most common deficiency diseases in our environment



*Make the most of the opportunity and take the step to get up to date on the latest developments in Pediatric Malnutrition”*

03

# Course Management

The creation of the materials has been carried out by a team of reference professionals in the area of clinical nutrition. 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 clinical nutrition 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 knowledgeable about the implications of training in daily pharmaceutical practice in nutrition, aware of the relevance of up-to-date knowledge in order to be able to act before the patient with neurological pathology with quality teaching through new educational technologies.





“

*This Postgraduate Certificate in Pediatric Malnutrition contains the most complete and up-to-date scientific program on the market”*

## Module 1. Pediatric Malnutrition

- 1.1. Childhood Malnutrition and Undernutrition
  - 1.1.1. Psychosocial Aspects
  - 1.1.2. Pediatric Assessment
  - 1.1.3. Treatment and Monitoring
- 1.2. Nutritional Anemias
  - 1.2.1. Other Nutritional Anemias in Childhood
- 1.3. Vitamin and Trace Element Deficiencies
  - 1.3.1. Vitamins.
  - 1.3.2. Trace Elements
  - 1.3.3. Detection and Treatment
- 1.4. Fats in Infant Diets
  - 1.4.1. Essential Fatty Acids
- 1.5. Childhood Obesity.
  - 1.5.1. Prevention
  - 1.5.2. Impact of Childhood Obesity
  - 1.5.3. Nutritional Treatment





“

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

05

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





*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 be confronted with multiple simulated clinical cases based on real patients, in which they will have to investigate, establish hypotheses and ultimately, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Pharmacists learn better, more quickly 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, attempting to recreate the actual conditions in a pharmacist'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. Pharmacists who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their 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

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

*Pharmacists 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 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 115,000 pharmacists have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. This pedagogical methodology is developed in a highly demanding environment, with a university student body with a high socioeconomic profile and an average age of 43.5 years.

*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 created specifically for the course by specialist pharmacists who will be teaching the course, so that educational development is highly specific and accurate.

These contents are then adapted in 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.



### Video Techniques and Procedures

TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current pharmaceutical care procedures. All of this, first hand, and explained and detailed with precision to contribute to assimilation and a better understanding. And best of all, students can watch them as many times as they want.



### 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, we will present you with real case developments in which the expert will guide you through focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



### Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



### Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06

# Certificate

The Postgraduate Certificate in Pediatric Malnutrition guarantees students, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by TECH Technological University.



“

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

This **Postgraduate Certificate in Pediatric Malnutrition** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** diploma 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 Pediatric Malnutrition**

Official N° of Hours: **200 hours**.



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



**Postgraduate  
Certificate**

**Pediatric Malnutrition**

Course Modality: **Online**

Duration: **6 weeks**

Certificate: **TECH Technological University**

Teaching Hours: **200 hours.**

# Postgraduate Certificate Pediatric Malnutrition