

# Postgraduate Certificate

## Clinical Nutrition and Hospital Dietetics for Pediatricians





## Postgraduate Certificate Clinical Nutrition and Hospital Dietetics for Pediatricians

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/medicine/postgraduate-certificate/clinical-nutrition-hospital-dietetics-pediatricians](http://www.techtute.com/us/medicine/postgraduate-certificate/clinical-nutrition-hospital-dietetics-pediatricians)

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# 01

# Introduction

The nutritional support required by patients who are admitted to hospitals depends on the clinical conditions of the patients, so that nutritional therapy can help prevent certain diseases or improve the symptoms of some pathologies. If you want to specialize in this field, do not think twice and learn with us.





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*With our program you will be able to know all the particularities of clinical nutrition and hospital dietetics to act more safely in your daily practice"*

The objective of this Postgraduate Certificate in Clinical Nutrition and Hospital Dietetics for Pediatricians is to offer quality education to these professionals, so that they can carry out their daily work with greater safety in the nutritional field, achieving substantial improvements in the health of their patients.

Thus, thanks to this program the professional will have the most advanced didactic resources and will have the opportunity to take a teaching program that brings together the most in-depth knowledge in the field, where a group of professors of high scientific rigor and extensive international experience offers you the most complete and current information.

This program allows specialization in the field of child nutrition for Pediatrics in areas of special interest such as food safety in hospitals, ovo-lacto-vegetarian and vegan diets, and diets adapted to different cultural modalities, as well as in therapeutic hospital diets.

In addition, this program has the advantage of being offered in a 100% online format, so our students will have the ability to decide their own study time, choosing from where and when to study, since they will have total availability of access to the contents of this program. For this, they will only need to have a computer or mobile device with internet connection. In this way, to continue with their education, they will not have to leave aside the rest of their daily obligations.

This **Postgraduate Certificate in Clinical Nutrition and Hospital Dietetics for Pediatricians** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of clinical cases presented by experts in clinical nutrition and hospital dietetics.
- ♦ Its graphic, schematic and practical contents provide scientific and assistance information on those disciplines essential for the professional practice.
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course.
- ♦ Its special emphasis on research methodologies in clinical nutrition and hospital dietetics.
- ♦ 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.



*This program will help you stay up to date to provide personalized care."*

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*This Postgraduate Certificate is the best investment you can make in selecting a professional program for two reasons: in addition to upgrading your knowledge in Clinical Nutrition and Hospital Dietetics for Pediatricians, you will obtain a diploma from TECH Technological University"*

Its teaching staff includes professionals from the field of pediatric nutrition, who contribute their work experience to this training, as well as renowned specialists from reference societies and prestigious universities.

Its multimedia content, elaborated with the latest educational technology, this program will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive study programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the pediatrician will have to try to solve the different professional practice situations that are presented to them. To do so, the specialist will have the help of an innovative interactive video system developed by renowned and experienced experts in clinical nutrition and hospital dietetics in pediatrics.

*Increase your decision-making confidence by updating your knowledge through this Postgraduate Certificate.*

*Take the opportunity to learn about the latest advances in this field and apply it to your daily practice.*



# 02 Objectives

The main objective of the program is the development of theoretical and practical learning, so that the pediatrician can master clinical nutrition and hospital dietetics in a practical and rigorous way.







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*This Postgraduate Certificate will allow you to improve your knowledge in Clinical Nutrition and Hospital Dietetics in Pediatrics with the use of the latest educational technology, in order to contribute with quality and security to the decision making process"*



## General Objectives

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- Improve the pediatrician's knowledge on new trends in infant nutrition in both health and pathological situations.
- 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 education
- Encourage professional stimulation through continuous education and research



*Take the step to get up to date on the latest developments in Clinical Nutrition and Hospital Dietetics for Pediatricians"*





## Specific Objectives

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- ♦ Assess and calculate nutritional requirements in health and disease at any stage of the life cycle
- ♦ Analyze the different methods for assessing nutritional status
- ♦ Interpret and integrate anthropometric, clinical, biochemical, hematological, immunological, and pharmacological data in the patient's nutritional assessment and dietary-nutritional treatment
- ♦ Manage the different types of nutritional surveys to assess food intake
- ♦ Assess and maintain adequate hygiene and food safety practices, applying current legislation
- ♦ Evaluate and prescribe physical activity as a factor involved in nutritional status

03

# Course Management

This program includes highly regarded health professionals from the field of clinical nutrition in its teaching staff, who bring the experience of their work to this training.

In addition, renowned specialists, members of prestigious national and international scientific communities, are involved in designing and preparing the program.





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*Learn from leading professionals  
the latest advances in Clinical  
Nutrition and Hospital Dietetics  
for Pediatricians"*

## Management



### Ms. Auni3n Lavar3as, Mar3a Eugenia

- ◆ Pharmacist and Clinical Nutrition Expert
- ◆ Author of the reference book in the field of Clinical Nutrition "*ietary Management of Overweight in the Pharmacy Office*" (Panamericana 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
- ◆ Head of Postgraduate Certificate "ermocosmetics 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 education and are committed to quality teaching using new educational technologies.







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*A comprehensive teaching program, structured in well-developed teaching units, oriented towards efficient and swift learning that is compatible with your personal and professional life"*

## Module 1. Clinical Nutrition and Hospital Dietetics

- 1.1. Management of Hospital Nutrition Units
  - 1.1.1. Nutrition in the Hospital Setting
  - 1.1.2. Food Safety in Hospitals
  - 1.1.3. Planning and Managing Hospital Diets. Dietary Code
- 1.2. Hospital Basal Diets
  - 1.2.1. Pediatric Basal Diet
  - 1.2.2. Ovo-Lacto-Vegetarian and Vegan Diet
  - 1.2.3. Diet Adapted to Cultural
- 1.3. Therapeutic Hospital Diets
  - 1.3.1. Uniting Diets
  - 1.3.2. Personalised Menu's
- 1.4. Bidirectional Drug-Nutrient Interaction





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*A unique, key, and decisive educational 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.





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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. Gervas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a “ase” 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.



# 06 Certificate

The Postgraduate Certificate in Clinical Nutrition and Hospital Dietetics for Pediatricians guarantees, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate diploma 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 **Postgraduate Certificate in Clinical Nutrition and Hospital Dietetics for Pediatricians** contains the most complete and up-to-date scientific 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 diploma 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 Clinical Nutrition and Hospital Dietetics for Pediatricians**

Official N° of Hours: **50 h.**



\*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.

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



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