

# Postgraduate Certificate

Nutrition in Dysfunctions and Pathologies along the Digestive Tract



## Postgraduate Certificate Nutrition in Dysfunctions and Pathologies along the Digestive Tract

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

Website: [www.techtute.com/in/physiotherapy/postgraduate-certificate/nutrition-dysfunctions-pathologies-along-digestive-tract](http://www.techtute.com/in/physiotherapy/postgraduate-certificate/nutrition-dysfunctions-pathologies-along-digestive-tract)

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# 01

# Introduction

In order to offer an even more complete service that can help patients in their early recovery, not only bone and muscle, but also in relation to the different pathologies that may affect the digestive tract, the Physiotherapy professional can include in his praxis the nutritional care. In order to give you the possibility to fulfill this objective and to know in detail the latest news related to nutrition in digestive dysfunctions and diseases, TECH has designed this program. This is a dynamic and multidisciplinary and multidisciplinary through which you will be able to get up to date in this area in only 150 hours and through its only 150 hours and through its convenient and accessible 100% online format.







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*A program designed by experts in Nutrition and Diet Therapy with which you can learn in detail the news related to the nutritional management of the patient with an affected digestive tract”*

The diseases that can affect the digestive tract are multiple and varied, not only in terms of their representation, but also in terms of the consequences they can have on the patient. However, in most cases there is a deterioration in their quality of life, so the intervention of a professional who knows in detail the nutritional aspects that can be covered through a personalized diet and that influences the improvement of health becomes a highly demanded service. and that influences the improvement of health becomes a highly demanded service.

In order to enable Physiotherapy professionals to include in their strategies the Nutrition techniques that are best suited to this type of patients and that will allow them to offer an even more complete praxis, combining physical therapies with the care of the body through the healthy intake of food, TECH has launched this Postgraduate Certificate in Nutrition in Dysfunctions and Pathologies along the Digestive Tract. Through 150 hours of theoretical, practical and additional content, the graduate will be able to delve into the different aspects of this clinical context, with special emphasis on the development of plans tailored to the needs of the person according to their pathology.

All this through a 100% online program that includes detailed videos, research articles, complementary readings, dynamic summaries, self-knowledge exercises and real clinical cases, so that the specialists can not only contextualize the information developed in the syllabus, but also delve into the aspects they consider most important. It is, therefore, a unique and unparalleled opportunity to expand your knowledge and to broaden your knowledge and hone your skills through an austere and expertly designed academic experience.

This **Postgraduate Certificate in Nutrition in Digestive Tract Dysfunctions and Pathologies** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of practical cases presented by Nutrition experts and Endocrinology
- ♦ The graphic, schematic, and practical contents 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



*You will be able to review the digestive history, as well as the evaluation of variables and the latest news related to the symptomatology and eating habits prior to the eating habits prior to the pathology”*

“

*A unique and unparalleled opportunity to broaden your knowledge and hone your skills through an austere academic experience designed by experts in Nutrition and Endocrinology”*

The program’s teaching staff includes professionals from the sector 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 academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*You will delve into the pathologies of the mouth, esophagus and stomach, as well as new developments associated with the nutritional management of patients suffering from them.*

*You will have 150 hours of the best theoretical, practical and additional content, including detailed videos and self-knowledge exercises, among others.*





# 02 Objectives

TECH has decided to launch this Postgraduate Certificate with the aim that the Physiotherapy professional can know in detail the ins and outs of Nutrition in the patient who comes to his office and who suffers from some kind of pathology related to the digestive tract. For this purpose, you will have the most innovative academic tools, as well as the most comprehensive, innovative and dynamic material. Everything you will need to exceed your expectations in just 150 hours with TECH.





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*TECH will provide you with the most innovative academic tools so that you can achieve your goals in a guaranteed way and in the shortest time possible”*



## General Objectives

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- ♦ Get up to date on the most relevant and innovative issues related to the nutritional management of young patients with dietary imbalances
- ♦ Improve your professional skills through the development of real clinical cases extracted from current consultations





## Specific Objectives

- Study the functioning of the digestive tract, functions and pathologies.
- Complete evaluation of the clinical case and the digestive health
- Understanding the intestinal microbiota and its relationship with endocrine and nervous system

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*If your goal is to finish this academic experience managing to perfection the most innovative aspects of Nutrition in patients with digestive pathologies, you have the perfect opportunity to achieve it”*



# 03

## Course Management

The faculty of this Postgraduate Certificate has been selected by TECH, not only for their professional experience, but also for their human and teaching qualities. In this way, it has been possible to put together a team of professors versed in the area of Nutrition and Endocrinology who have worked hard and conscientiously to put together the best theoretical syllabus and hours of high quality additional material. In addition, they will be available to the graduates whenever they need to solve their doubts through individualized tutoring individualized tutorials that can be arranged in the virtual classroom.







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*The teaching team has selected a of clinical cases from their own consultations so that you can put your competences into practice and perfect your professional Skills through this Postgraduate Certificate”*

## Management



### Dr. Sánchez Jiménez, Álvaro

- Specialist in Nutrition and Endocrinology at Jiménez Díaz Foundation Hospital university
- Nutritionist at Medicadiet
- Clinical Nutritionist specialized in prevention and treatment of obesity, diabetes and their comorbidities
- Nutritionist in the Predimed Plus Study
- Nutritionist at Eroski
- Nutritionist at Axis Clinic
- Professor, Master's Degree in Obesity and comorbidities, Rey Juan Carlos University
- Professor of the Excellence Course in Obesity at the Jiménez Díaz Foundation University Hospital
- Graduate in Human Nutrition and Dietetics from the Complutense University of Madrid
- Nutrition in the Elderly, Complutense University of Madrid
- Nutrition and Sport for Professionals, Tripartite Foundation
- Refresher course on practical type 1 and 2 diabetes for healthcare professionals



### **Dr. Vázquez Martínez, Clotilde**

- ♦ Corporate Head in the University Hospital Endocrinology and Nutrition Departments, Jiménez Díaz La Foundation
- ♦ Head of the Endocrinology and Nutrition Service at Móstoles University Hospital
- ♦ Head of the Endocrinology and Nutrition Service at Móstoles University Hospital
- ♦ President of La Society of Endocrinology, Nutrition, and Diabetes of the Community of Madrid SENDIMAD
- ♦ Coordinator Therapeutic Education Group Group of the Spanish Society of Diabetes
- ♦ Doctorate from the Faculty of Medicine at the Autonomous University of Madrid
- ♦ Degree in Medicine and Surgery from the Faculty of Medicine of the University of Valencia
- ♦ Specialist in Pediatric Endocrinology and Nutrition at the university Foundation Jimenez Díaz Hospital
- ♦ Abraham García Almansa Clinical Nutrition Lifetime Achievement Award
- ♦ Recognized among the 100 best Doctors in Spain according to Forbes list
- ♦ Castilla - La Mancha Diabetes Foundation (FUCAMD) Diabetes and Nutrition Lifetime Achievement Award



### Dr. Montoya Álvarez, Teresa

- ♦ Head of the Endocrinology and Nutrition Service of the Infanta Elena University Hospital
- ♦ Head of Volunteering at the Garrigou Foundation
- ♦ Graduate in Medicine and Surgery from Universidad de Navarra
- ♦ Master in Obesity and its Comorbidities: Prevention, Diagnosis and Integral Treatment at the University Rey Juan Carlos
- ♦ Course in Bariatric Antecedents of Surgery Patient Emergencies: Key References for the Attending Physician
- ♦ Member of: Institute for Health Research Foundation Jiménez Díaz, Health Commission of FEAPS Madrid and Trisomy 21 Research Society

## Professors

### Dr. Hoyas Rodríguez, Irene

- ♦ Specialist in Endocrinology and Nutrition
- ♦ Specialist in Endocrinology and Nutrition at the Fundación Jiménez Díaz and Infanta Elena Hospitals
- ♦ Specialist in Endocrinology and Nutrition at the Beata María Ana Hospital.
- ♦ Specialist in Endocrinology at the University Hospital 12 de Octubre
- ♦ Degree in Medicine from the Complutense University of Madrid
- ♦ Postgraduate course in Treatment of Diabetes Mellitus Type 2 at the Autonomous University of Barcelona

### Dr. Gutiérrez Pernia, Belén

- ♦ Nutritionist in Obesity Symptoms at Medicadiet
- ♦ López-Nava Obesity Nutritionist. Madrid
- ♦ Dietician and Nutritionist in Research Projects of PREDIMED plus
- ♦ Grade in Human Nutrition and Dietetics from the Autonomous University of Madrid
- ♦ Master in Clinical Nutrition and Endocrinology at the Institute of Nutrition and Health Sciences





**Ms. López Escudero, Leticia**

- ◆ Nutritionist at Diet La Clinic
- ◆ Clinical Dietician and Nutritionist at La Hospital university Fundación Jiménez Díaz
- ◆ Dietician and Clinical Nutritionist at the University Hospital Infanta Elena
- ◆ Lecturer in graduate studies Degree in Human Nutrition and Dietetics
- ◆ Graduate in Human Nutrition and Dietetics at the Complutense University of Madrid
- ◆ Master in Obesity and its Comorbidities: Prevention, Diagnosis and Integral Treatment at the University Rey Juan Carlos
- ◆ Master's Degree in Nutrition in Physical Activity and Sport, Open University of Catalunya (UOC)

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

# 04

## Structure and Content

The use of the *Relearning* methodology, as well as the use of high quality additional material in different formats, is what makes this type of degree the best in the market. As a result, graduates can attend a dynamic, intensive and innovative updating of their knowledge, in which they do not need to invest extra hours in memorizing, but nevertheless obtain very good results.



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*In the Virtual Classroom you will find detailed videos and summaries of each unit, so you can get the most out of this Postgraduate Certificate”*



## Module 1. Nutrition in Dysfunctions and Pathologies along the Digestive Tract

- 1.1. Digestive History, and Assessment of Variables, Symptomatology and Previous Eating Habits
- 1.2. Mouth: Nutrition in Mucositis, Xerophthalmia, Dysphagia, and Oral Dysbiosis
- 1.3. Esophagus: Nutrition in Gastroesophageal Reflux Disease and Barret's Esophagus
- 1.4. Stomach: Nutrition in Gastritis, Hiatus Hernia, Dyspepsia, Helicobacter Pylori Infection
- 1.5. Constipation and Symptomatology
  - 1.5.1. Associated Pathologies
- 1.6. Acute and Chronic Diarrhea
- 1.7. Inflammatory Bowel Diseases
- 1.8. Differentiation between Malabsorption, Intolerances and Allergies
  - 1.8.1. Enzyme Deficiency and Immune System
  - 1.8.2. Diet Low in Histamine and DAO Deficiency
- 1.9. Dysbiosis, Bacterial Overgrowth and Nutrient Malabsorption
- 1.10. Celiac Disease and Non-Celiac Gluten Sensitivity (NCGS)







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*Do not hesitate and enroll now in a degree designed not only for the improvement of your professional skills, but also for the prosperous future of your patients”*

# 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.





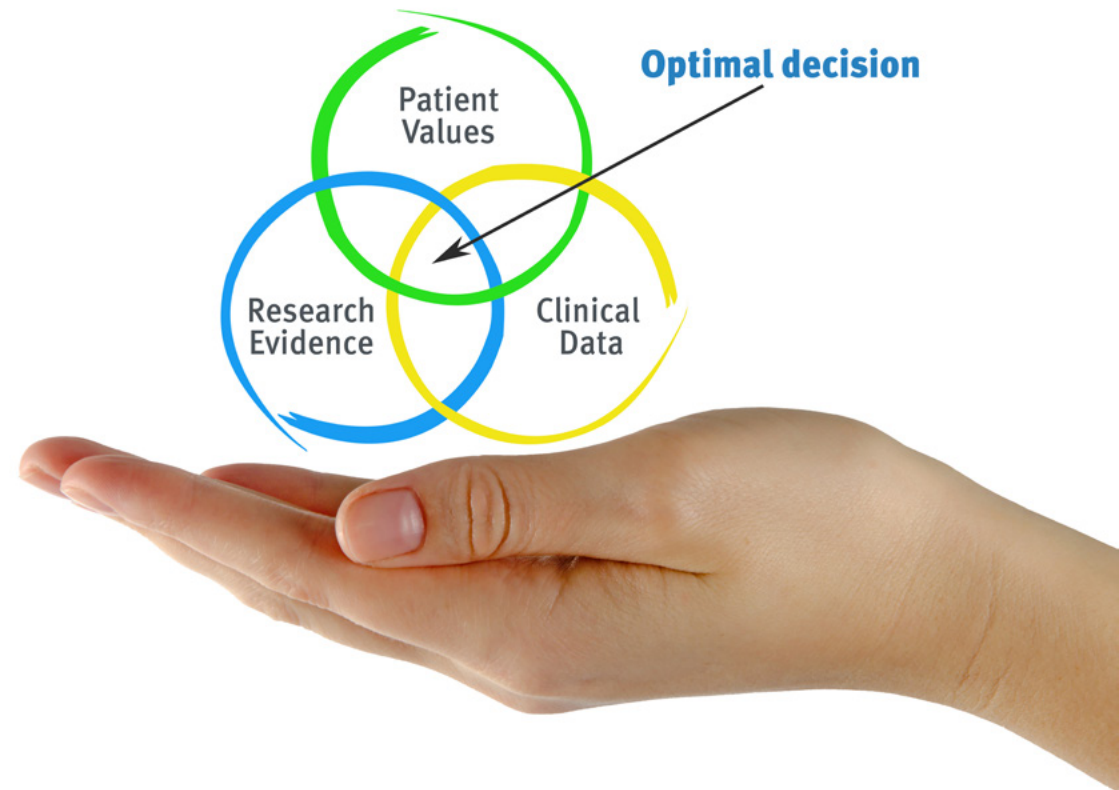
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## 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. Physiotherapists/kinesiologists 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 of professional physiotherapy 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. Physiotherapists/kinesiologists 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 physiotherapist/kinesiologist 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.



*The physiotherapist/kinesiologist 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 we trained more than 65,000 physiotherapists/kinesiologists with unprecedented success in all clinical specialties, regardless of the workload. 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 training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for 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 our 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 really 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.



#### Physiotherapy Techniques and Procedures on Video

TECH brings students closer to the latest techniques, the latest educational advances and to the forefront of current Physiotherapy techniques and procedures. 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 them as many times as you 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 unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".

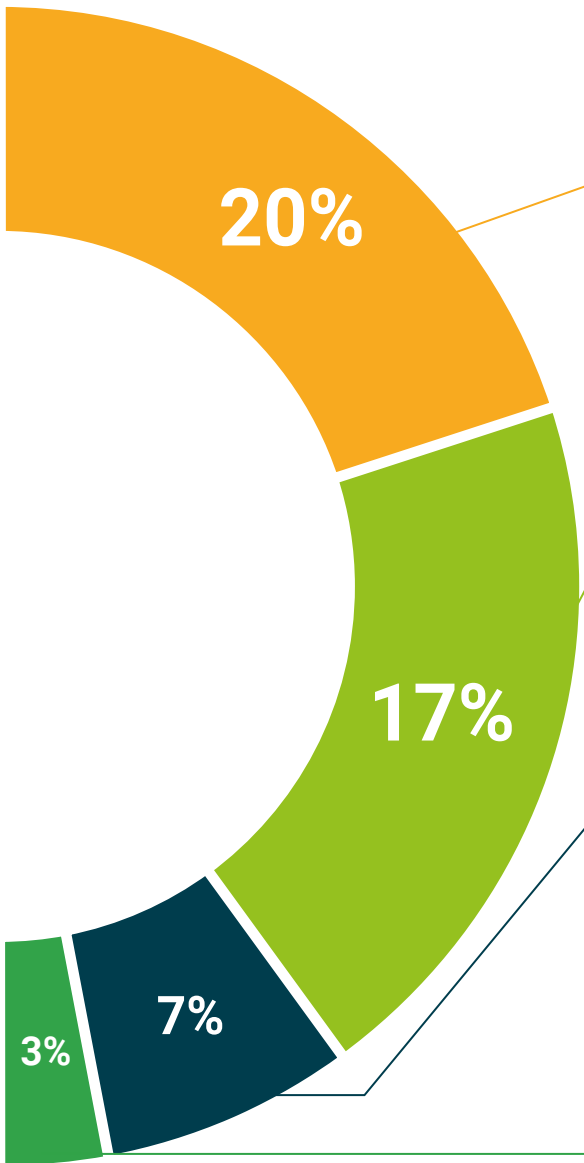


#### Additional Reading

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 Nutrition in Dysfunctions and Pathologies along the Digestive Tract guarantees, in addition to the most rigorous and updated training, access to a Postgraduate Certificate 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 Nutrition in Dysfunctions and Pathologies along the Digestive Tract** 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 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 Nutrition in Dysfunctions and Pathologies along the Digestive Tract**

Official N° of Hours: **150 h.**



\*Apostille Convention. In the event that the student wishes to have their paper certificate 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 languages  
virtual classroom



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