

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 Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/pharmacy/postgraduate-certificate/nutrition-dysfunctions-pathologies-along-digestive-tract

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01

Introduction

Pathologies affecting the digestive tract are quite frequent and can cause serious health problems and interfere with people's daily lives. In all of them, the person requires a specific treatment with a dietary plan that provides the nutrients and supplements necessary for the proper functioning of the body, avoiding associated complications. Therefore, this 100% online teaching has arisen, providing the pharmacist with recent developments and lines of scientific research carried out for the most effective treatment of people suffering from diseases such as celiac disease or Crohn's disease. All this with a team of experts in Nutrition and Endocrinology that will provide the most updated content.



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A 100% online program with an extensive library of didactic resources for you to renew your knowledge in pathologies that affect the digestive tract”

This Postgraduate Certificate is aimed at professionals in the pharmaceutical sector who wish to keep abreast of the latest developments in Dysfunctions and Pathologies along the Digestive Tract. An update of knowledge that will be possible thanks to the teaching team specialized in this field that teaches this completely online degree.

This program, which consists of 180 teaching hours, will provide students with an exhaustive and in-depth syllabus that will provide them with the latest studies on celiac disease, the different types of food allergies, mainly those that occur in children, and the most appropriate treatments for this type of people, who require in-depth knowledge on the part of the staff that attends them in the Pharmacy.

For this reason, this degree is essential for professionals who are looking for a renewal of knowledge with an updated syllabus and at the academic forefront. Therefore, at the end of this course you will have received the latest and most recent information in an area where treatments for chronic diarrhea, constipation or dysphagia have advanced in recent years.

A university program with a theoretical-practical approach that students can access from any device with an internet connection, without fixed session schedules. This gives you flexibility and maximum comfort to study a curriculum designed by and for professionals who must combine their work responsibilities with a high-level education. In addition, the *Relearning* system applied by TECH in all programs allows to reduce the long hours of study.

This **Postgraduate Certificate in Nutrition in Dysfunctions and Pathologies along the Digestive Tract** 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 experts in Nutrition 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 work
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



A university program designed to keep you up to date with the latest research in nutrition and food allergy”

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You will acquire a renewed knowledge in diseases affecting the stomach such as Gastritis, Hiatus Hernia, Dyspepsia or Helicobacter Pylori infection”

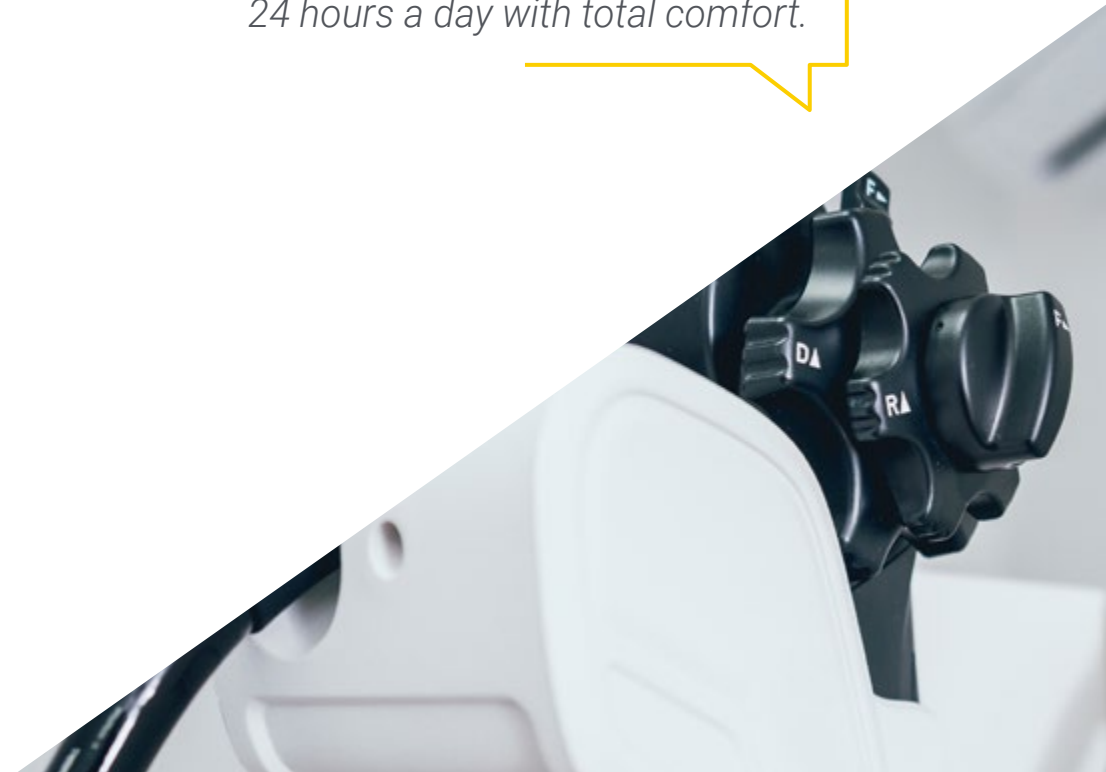
Real clinical cases will provide you with the latest scientific evidence related to nutrition in people with inflammatory bowel diseases.

An advanced Postgraduate Certificate that you can access 24 hours a day with total comfort.

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.



02

Objectives

The increase in the population with digestive tract problems makes a multidisciplinary approach to this problem necessary. For this reason, TECH offers pharmacists a university course that responds to the current situation of people who are affected in their daily lives by different pathologies. The multimedia content and case studies provided by the teaching team will be of great help to students who wish to update their knowledge in an entertaining way and with great application in their profession.





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Update your knowledge on nutrition and the treatments used in patients with acute and chronic diarrhea”



General Objectives

- ◆ Get up to date on the most relevant and novel issues related to the nutritional management of patients with digestive tract pathologies
- ◆ Improve your skills through the practical resolution of real clinical cases taken from the of practicing professionals





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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Digestive health has become more important than ever. This program will provide you with the keys to the early evaluation of children and youth patients based on the latest strategies in the nutrition sector”

03

Course Management

The human and professional quality of the teaching staff that make up this university degree responds to the philosophy that TECH imprints in each of its programs. For this reason, students in this program will have at their disposal a teaching staff made up of specialists in Endocrinology and Nutrition with extensive experience in the clinical management of patients with digestive tract diseases. Active specialists who will provide all students with the latest developments in this field.





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A faculty specialized in Nutrition and Endocrinology will provide you with updated knowledge during the 6 weeks of this Postgraduate Certificate”

Management



Dr. Vázquez Martínez, Clotilde

- ◆ Corporate Head 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
- Degree in Medicine and Surgery from the University of 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, Trisomy 21 Research Society



Dr. Sánchez Jiménez, Álvaro

- Specialist in Nutrition and Endocrinology at Jiménez Díaz Foundation University Hospital
- 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 Course of Excellence in Obesity at the Fundación Jiménez Díaz 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

Professors

Dr. Gutiérrez Pernia, Belén

- ◆ Nutritionist in Obesity 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

Dr. 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)

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



The leading professionals in the field have come together to offer you the most comprehensive knowledge in this field, so that you can develop with total guarantees of success"

04

Structure and Content

The syllabus of this Postgraduate Certificate has been developed by a team of experts in Nutrition and Endocrinology who know first hand, thanks to their extensive experience in the health sector, the main problems caused by dysfunctions and pathologies along the digestive tract. In this way, students will find in this study plan a deep knowledge in the diagnosis and treatment applied to people suffering from gastroesophageal reflux, Barret's esophagus, dysphagia, constipation or inflammatory bowel diseases. All this in a 100% online teaching format and with the highest quality multimedia content in the current academic system.





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Access recent studies on nutrition applied to people with gastroesophageal reflux and Barrett's esophagus”

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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This Postgraduate Certificate provides an excellent opportunity to learn about current treatments for people with celiac disease”

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. 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 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.

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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. 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

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

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.

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 the didactic development is highly specific and accurate.

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.



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, 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, 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 Nutrition in Dysfunctions and Pathologies along the Digestive Tract 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 program will allow you to obtain your **Postgraduate Certificate in Nutrition in Dysfunctions and Pathologies along the Digestive Tract** 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.

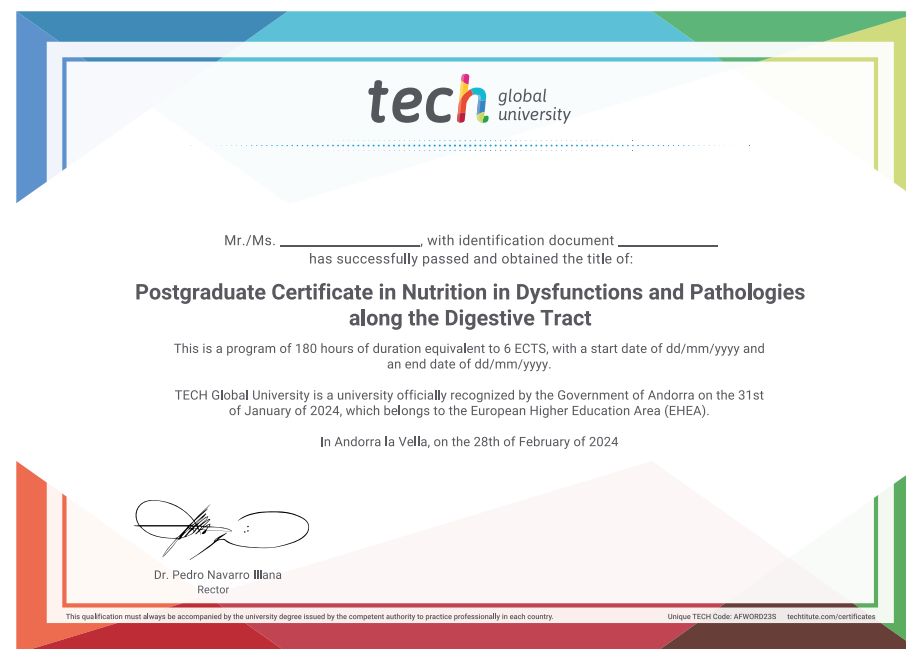
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Nutrition in Dysfunctions and Pathologies along the Digestive Tract**

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.



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