Postgraduate Certificate
Nutrition in Digestive Nervous System Pathologies for Nursing

tech global university

Postgraduate Certificate
Nutrition in Digestive Nervous System Pathologies for Nursing

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Global University**
- » Credits: **6 ECTS**
- » Schedule: **at your pace**
- » Exams: **online**

Website: **www.techtitute.com/us/nursing/postgraduate-certificate/nutrition-digestive-nervous-system-pathologies-nursing**

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Introduction

Numerous research has shown that Nutrition is essential to alleviate cognitive deterioration, as well as to prevent neurological diseases such as Alzheimer's or dementia. This is why the Nursing professional must be constantly updating their knowledge in this area, in order to be able to offer their patients a nutritional service adapted to the most innovative recommendations, giving them the opportunity to improve their health through of good nutrition. In order to do this, TECH has designed this intensive qualification that will serve as a guide in your updating and will provide you with the tools you need to know in detail the latest developments related to this topic through a 100% online program.

"

You are facing a unique academic opportunity to update yourself on the most innovative aspects of Nutrition and its implication in the prevention of pathologies of the nervous system"

As numerous studies have shown, dietary factors can favor the development of certain neurological diseases, and there is a close relationship between correct nutrition, the nervous system and this type of pathology. On the other hand, patients suffering from, for example, Alzheimer's or dementia show a high nutritional risk and require an assessment and a specific therapeutic approach to avoid malnutrition or comorbidities associated with it.

That is why the Nursing professional specialized in this field must know in detail the latest developments in Endocrinology and Dietetics related to this topic, in order to be able to adapt their patients' diets to the most current recommendations according to experts. . For this, this Postgraduate Certificate is perfect. This is a program with which the graduate will be able to update and expand their knowledge exhaustively and 100% online. In addition, you will be able to delve into the different eating disorders, the most common neurological pathologies and their specifications, and nutrition in different diseases such as Parkinson's, sclerosis or schizophrenia, among others.

In order to do this, they will have the support of a teaching team versed in the area, which has actively participated in the development of the syllabus and all the additional material that the graduate will find in the Virtual Classroom. All this content can be downloaded from the beginning of the program on any device with an internet connection, so that you can organize yourself and get the most out of this academic experience.

This **Postgraduate Certificate in Nutrition in Digestive Nervous System Pathologies for Nursing** 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 self-assessment can be used 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

The assessment of the nutritional status and the evaluation based on the most innovative criteria of the presence of dysphagia will allow deciding the most appropriate nutritional treatment modality for the patient"

"
A program designed by experts and focused on nursing specialists who, like you, care about knowing in detail the most innovative and effective trends for their patients"

Get up to date on the specifications of patients with pathologies that cause altered eating behaviors, and further personalize their nutritional plans.

You will delve into dietary recommendations for patients with depression and bipolar disorder, as well as other psychoaffective pathologies.
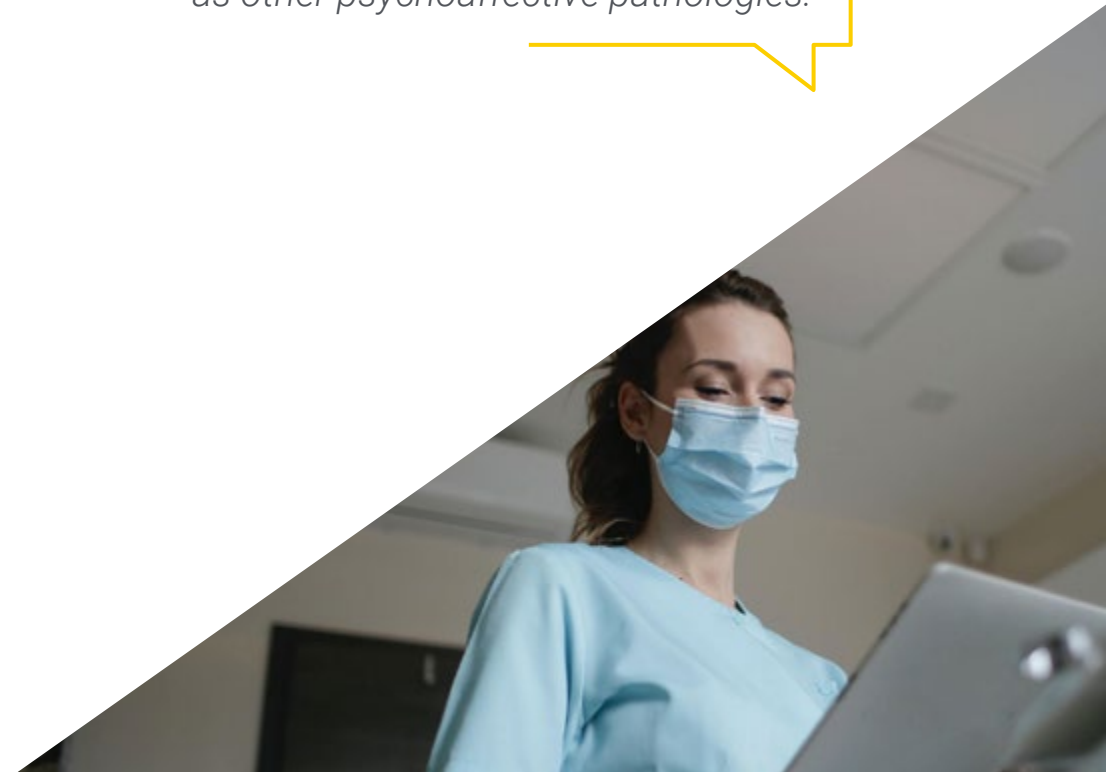
The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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.

Objectives

As has been shown, correct nutrition is essential to treat pathologies of the nervous system and prevent an even further deterioration of the person's health. For this reason, TECH has developed this Postgraduate Certificate with the aim that nurses find in it all the information they need to know in detail the latest developments and scientific evidence that allow them to make dietary plans adapted to the needs of their patients.

The experience of TECH and its team, added to the quality of its degrees, guarantees that with this Diploma you will be able to exceed all your objectives in less time than you think"

General Objectives

- Develop broad, specialized and updated knowledge about nutrition in patients suffering from pathologies of the nervous system

- Improve management skills for this type of patient based on the latest scientific evidence from the Nutrition and Dietetics sector

"Thanks to this program, you will be able to nutritionally address patients with bulimia or Huntington's disease with the guarantee that you have the most up-to-date information in the sector"

Specific Objectives

- Update on the scientific evidence of the relationship between nervous system pathologies and nutrition
- Assess the patient's needs and difficulties, in addition to an adequate assessment of the nutritional status
- Learn the main psychological aspects of patients with alterations of behavioral disorders

Course Management

The teaching team in charge of directing this Postgraduate Certificate is made up of professionals from different areas of Endocrinology, Nutrition and Dietetics, but who have two characteristics in common: their long work history and demonstrable human and professional quality. These are two aspects that will provide the syllabus with a unique, current, personalized and dynamic criterion, aspects that will help the nurse to enjoy this academic experience even more.

TECH offers you the opportunity to arrange individualized tutorials with the teaching team to resolve doubts or to ask questions that arise in the profession"

Management

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 Diaz 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 (FUCAMDI) Diabetes and Nutrition Lifetime Achievement Award

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 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. 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. Prieto Moreno, Ana
- Nutritionist in the Department of Endocrinology and Nutrition at Jiménez university Foundation Hospital
- Nutritionist at the General Hospital of Villalba
- Nutritionist at the Infanta Elena University Hospital
- Nutritionist in the Superior Sports Council
- Nutritionist at WWF
- Nutritionist at Medicadiet
- Nutritionist at Sanitas Insurance Company
- Nutritionist at La Paz University Hospital
- Nutritionist at the Mapfre Foundation
- Nutritionist at Copernal Publishing
- Nutritionist at Diabetes Magazine
- Master in Obesity and its Comorbidities, Prevention Strategies, Diagnosis and Integral Treatment at the University of Alcalá
- Master in Physical Anthropology, Human Evolution and Biodiversity at the Complutense University of Madrid
- Degree in Human Nutrition and Dietetics at the Autonomous University of Madrid

Dr. Modroño Móstoles, Naiara
- Specialist in Endocrinology
- Doctor Specialist in Pediatric Endocrinology and Nutrition at the university Foundation Jimenez Diaz Hospital.
- Doctor Specialist in Endocrinology the Infanta Elena University Hospital.
- Doctor Specialty in Endocrinology at the University Hospital of Getafe
- Author of various articles published in scientific journals
- Postgraduate Certificate in Treatment of Diabetes Mellitus Type 2 at the Autonomous University of Barcelona

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)

Ms. Labeira Candel, Paula
- Clinical nutritionist in the Bariatric Endoscopy Unit at HM Hospitales
- Sports and clinical nutritionist at the Clinic Institute of Instituto de Sobrepeso y Obesidad
- Nutritionist Sports and Clinical at Medicadiet, Slimming & Nutrition
- Sports Nutritionist at the CF TrivalValderas de Alcorcón
- Food and water quality analyst in the Andalusian Health Service.
- Diploma in Human Nutrition and Dietetics at the Pablo Olavide University of Seville
- Bachelor 's Degree in Food Science and Technology.
- Diploma in Human Nutrition and Dietetics
- Master's Degree in Sports Training and Nutrition at the European University of Madrid

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Structure and Content

In order to develop this 100% online program, TECH has taken into account three fundamental criteria: the recommendation of the teaching team, the specifications of the Relearning methodology, and the strictest pedagogical quality parameters. Thanks to this, it is possible to create avant-garde and dynamic degrees with which graduates not only manage to catch up in less time than they think, but also allow them to implement the most innovative strategies and protocols in their practice from the first days of the academic experience.

"

In the Virtual Classroom you will find additional material in different formats, so that you can contextualize the information in a dynamic way and delve into those aspects that you consider most important or interesting"

Module 1. Nutrition in Nervous System Pathologies nursing

1.1.   Nutrition in the Prevention of Cognitive Impairment, Dementia and Alzheimer's Disease
1.2.   Nutrition and Psychoaffective Pathologies
    1.2.1.   Depression
    1.2.2.   Bipolar Disorder
1.3.   Pathologies with Altered Eating Behavior
    1.3.1.   Schizophrenia.
    1.3.2.   Borderline Personality Disorder
1.4.   Eating Disorders
    1.4.1.   Anorexia
    1.4.2.   Bulimia
    1.4.3.   BED
1.5.   Nutrition in generate Pathologies
    1.5.1.   Multiple Sclerosis
    1.5.2.   Amyotrophic Lateral Sclerosis
    1.5.3.   Muscular Dystrophies
1.6.   Nutrition in Pathologies with Uncontrolled Movement
    1.6.1.   Parkinson's Disease
    1.6.2.   Huntington's Disease
1.7.   Nutrition in Epilepsy
1.8.   Nutrition in Neuralgias
    1.8.1.   Chronic Pain
1.9.   Nutrition in Severe Neurological Injuries
1.10. Toxics, Bioactive Compounds, Intestinal Microbiota and their Relationship to Nervous System Diseases

For this Postgraduate Certificate, the teaching team has selected real clinical cases with which you will be able to work and perfect your nutritional management skills for patients with neurological diseases"

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 Nursing School we use the Case Method

In a given situation, what should a professional do? 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. Nurses learn better, faster, and more sustainably over time.

With TECH, nurses can experience a learning methodology 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, in an attempt to recreate the real conditions in professional nursing 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. Nurses 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 nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.

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 case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.

The nurse 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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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 have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical 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 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 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.

Nursing 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 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 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.

20%

15%

15%

3%

20%

17%

7%

3%

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 suggesting that observing third-party experts can be useful.

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.

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Certificate

The Postgraduate Certificate in Nutrition in Digestive Nervous System Pathologies for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.

" *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 Digestive Nervous System Pathologies for Nursing** 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 Digestive Nervous System Pathologies for Nursing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

**Postgraduate Certificate in Nutrition in Digestive
Nervous System Pathologies for Nursing**

This is a program of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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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