

# Postgraduate Certificate

## Preventive Medicine in Home Hospitalization



## Postgraduate Certificate Preventative Medicine in Home Hospitalization

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 3 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/physiotherapy/postgraduate-certificate/preventative-medicine-home-hospitalization](http://www.techtute.com/us/physiotherapy/postgraduate-certificate/preventative-medicine-home-hospitalization)

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# 01

# Introduction

This TECH program was created with the objective of educating physiotherapists in all those aspects that help prevent diseases in cases where the patient is hospitalized at home. In this sense, so-called preventive medicine aims to avoid or reduce the probability of disease occurrence. This specialty focuses on home hospitalization, which is gaining more and more strength due to the rise in aging population. This program allows physiotherapy professionals to keep up to date with advances in the field, to learn the best way to treat their patients and be more successful in their profession.





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*This Postgraduate Certificate that TECH offers will increase your skills in the field of preventive medicine and will make you a much more capable physiotherapist"*



Advances in home hospitalization mean that more and more physiotherapists are having to leave the workplace to treat patients at home. These spaces, although not hospital facilities, must be adequately conditioned so that patients do not risk contracting other diseases. Consequently, it is necessary that homes have adequate hygienic conditions, thus avoiding the possibility of contracting infections that can complicate existing symptoms.

Changes in this type of health care have been advancing on a yearly basis, in part due to the increased population need for these services. But physiotherapists must also adapt to these changes and update their knowledge so that patient care of equal quality to hospital care.

This program is focused on deepening the understanding of all aspects which make home hospitalization unique and different from other m physiotherapeutic specialties. It also demonstrates the weaknesses and future opportunities we have ahead of us, making the most of new educative technology available.

The syllabus is designed around the latest scientific evidence and clinical cases in which to advance our knowledge, with the aim of sharing experiences and innovative techniques already used by fellow physiotherapists in the field of preventive medicine in home hospitalization, focusing on hygiene, colonization of infections by multi-resistant germs, antibiotic treatment and vaccination.

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

- ◆ The development of more than 100 case studies presented by experts in preventative medicine in home hospitalization
- ◆ 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
- ◆ Latest advances on the role of physiotherapists in home hospitalization
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Algorithm-based interactive learning system for decision-making in the situations that are presented to the student
- ◆ With special emphasis on evidence-based physiotherapy and research methodologies in home hospitalization
- ◆ 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



*A theoretical-practical program aimed at leading physiotherapists to professional success"*

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*The multimedia content, developed with the latest educational technology, will provide professionals with situated and contextual learning, i.e., a simulated environment that will provide an immersive training program designed to learn in real situations.*

Its teaching staff is made up of prestigious and renowned professionals, with a long history in health care, teaching and research, who have worked in different hospitals throughout Spain, developing professional and teaching experience that they deliver in an extraordinary way in this Postgraduate Certificate.

The methodological design of this Postgraduate Certificate by a multidisciplinary team of e-learning experts, integrates the latest advances in educational technology for the creation of numerous multimedia educational tools that allow professionals, based primarily on the scientific method, to face the solution of real problems in their daily clinical practice, which will allow them to progress in the acquisition of knowledge and the development of skills that will impact their future professional work.

It should be noted that each of the contents generated, as well as the videos, self-tests, clinical cases and modular exams, have been thoroughly reviewed, brought up to date and integrated by the professors and the team of experts that make up the working group, in order to facilitate the learning process in a didactic way that will allow the objectives of the teaching program to be achieved.

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

*Learn with us in an easy and intuitive way thanks to our 100% online program.*



# 02 Objectives

The main objective of this Postgraduate Certificate is to improve physiotherapy professionals' care practice, through the acquisition of the most up to date and innovative scientific knowledge in the field of home hospitalization, complex chronic patient care and the care and treatment of patients with illnesses needing palliative care. This will allow them to develop the skills that will turn their Clinical daily practice into a benchmark for the standards of the best available scientific evidence, with a critical, innovative, multidisciplinary and integrative approach.







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*To become one of the best physiotherapists specialized in Preventative Medicine in Home Hospitalization, you can't miss the opportunity to study this Postgraduate Certificate with us"*



## General Objective

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- ◆ Update physiotherapists, through the best scientific evidence for the management of the home hospitalization unit, as an effective and efficient alternative to conventional hospitalization.

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*Advance in your profession by paving your way in what is shaping up to be one of the most exciting fields in medicine today and in the future”*





## Specific Objectives

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- ◆ Justify the importance of chronic disease management in times of stability for the reduction of morbidity and mortality, emergency room visits and conventional admissions
- ◆ Add knowledge about germs and measures against them at home
- ◆ Implement different treatments according to therapeutic suitability

# 03

## Course Management

The teaching program includes the participation of prestigious and renowned physiotherapists and medical specialists, masters and university experts, with numerous publications, teaching experience and professional experience in numerous hospitals, where many of the diseases studied have a high morbimortality. The team of professors is made up of a multidisciplinary faculty from various medical specialties, such as Internal Medicine, Family Medicine, Palliative Medicine, Preventive Medicine and Nursing, among others.



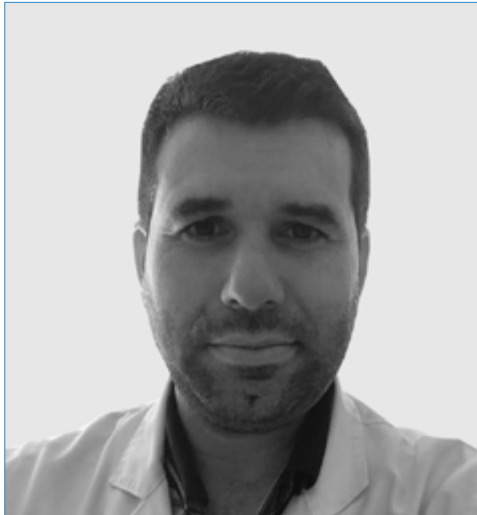


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*This Postgraduate Certificate offers you the opportunity to learn with renowned specialists from prestigious universities, who will help you to update your knowledge in this field"*



## Management



### Dr. Lafuente Sanchis, Manuel Pablo

- ◆ Degree in Medicine and Surgery from the University of Valencia. Spain
- ◆ Head of the Home Hospitalization and Palliative Care Service. Ribera University Hospital
- ◆ Specialist in Family and Community Medicine. Virgen de los Lirios Hospital in Alcoy, Spain
- ◆ Specialist Degree in Palliative Care. International University of La Rioja
- ◆ Specialist Degree in University teaching. Catholic University of Valencia
- ◆ Clinical Simulation Instructor. Murcia Catholic University
- ◆ Member of the Spanish Society of Home Hospitalization
- ◆ Member of the Spanish Society of Clinical Simulation
- ◆ Professor of the Nursing Degree. Urgent and Emergency Care. Catholic University of Valencia
- ◆ Professor on the Master's Degree in Palliative Care. TECH University
- ◆ Professor on the Master's Degree in Urgent and Emergency Care. Nursing. European University of Valencia

## Professors

### Dr. Martín Marco, Antonio

- ◆ Degree in Medicine and Surgery from the University of Zaragoza, Spain
- ◆ Specialist in Internal Medicine. Arnau de Vilanova Hospital, Lleida Spain
- ◆ Attending Physician in the Home Hospitalization and Palliative Care Unit
- ◆ Head of Teaching and Research at the Palliative Care Unit
- ◆ Master's Degree in Urgent Medical Attention
- ◆ Member of the Spanish Society of Medical Oncology

### Dr. Tarraso Gómez, María Luisa

- ◆ Degree in Medicine and Surgery from the University of Valencia. Spain
- ◆ Specialist in Family and Community Medicine
- ◆ Master's Degree in Palliative Care Valladolid
- ◆ Attending Physician of the Home Hospitalization and Palliative Care Unit Ribera University Hospital
- ◆ Attending Physician in Pain Unit Ribera University Hospital
- ◆ Professor on the Professional Master's Degree in Urgent and Emergency Care European University of Valencia

**Dr. Jara Calabuig, Irina**

- ◆ Degree in Medicine and Surgery from the University of Reus Spain
- ◆ Specialist in Family and Community Medicine. Virgen de los Lirios Hospital Alcoy
- ◆ Master's Degree in Palliative Care Valladolid
- ◆ Attending Physician in the Home Hospitalization and Palliative Care Unit

**Dr. Duart Clemente, Cristina**

- ◆ Degree in Medicine and Surgery from the University of Valencia. Spain
- ◆ Specialist in Family and Community Medicine. Ribera University Hospital. Alcoy
- ◆ Master's Degree in Palliative Care Valladolid
- ◆ Attending Physician of the Home Hospitalization and Palliative Care Unit

**Dr. Ciancotti Oliver, Lucía**

- ◆ Degree in Medicine and Surgery from the University of Valencia. Spain
- ◆ Specialist in Family and Community Medicine. Lluís Alcanyis Hospital Xàtiva
- ◆ Specialist in Preventive Medicine, Public Health and Hygiene. Dr Peset Hospital Valencia
- ◆ Attending Physician in the Preventative Medicine Unit at Ribera University Hospital
- ◆ Member of the Spanish Society of Preventive Medicine, Public Health and Hygiene
- ◆ Master's Degree in Public Health and Healthcare Management. University of Valencia

**Dr. Bou Monterde, Ricardo**

- ◆ Degree in Medicine and Surgery from the University of Valencia. Spain
- ◆ Specialist in Preventive Medicine and Public Health
- ◆ PhD in Medicine and Surgery Department of Public Health University of Barcelona
- ◆ Head of Preventative Medicine and Public Health Service Ribera University Hospital. Valencia

**Dr. Torrijos Pastor, Antonio**

- ◆ Degree in Medicine and Surgery from the University of Cadiz Spain
- ◆ Specialist in Family and Community Medicine. Marina Baixa Hospital Villajoyosa
- ◆ Master's Degree in Palliative Care Valladolid
- ◆ Attending Physician of Home Hospitalization and Palliative Care Unit

**Dr. Santander López, Jorge**

- ◆ Degree in Medicine and Surgery from the University of Mendoza Argentina
- ◆ Specialist in Family and Community Medicine. La Fe University Hospital Valencia Spain
- ◆ Attending Physician in the Home Hospitalization and Palliative Care Unit

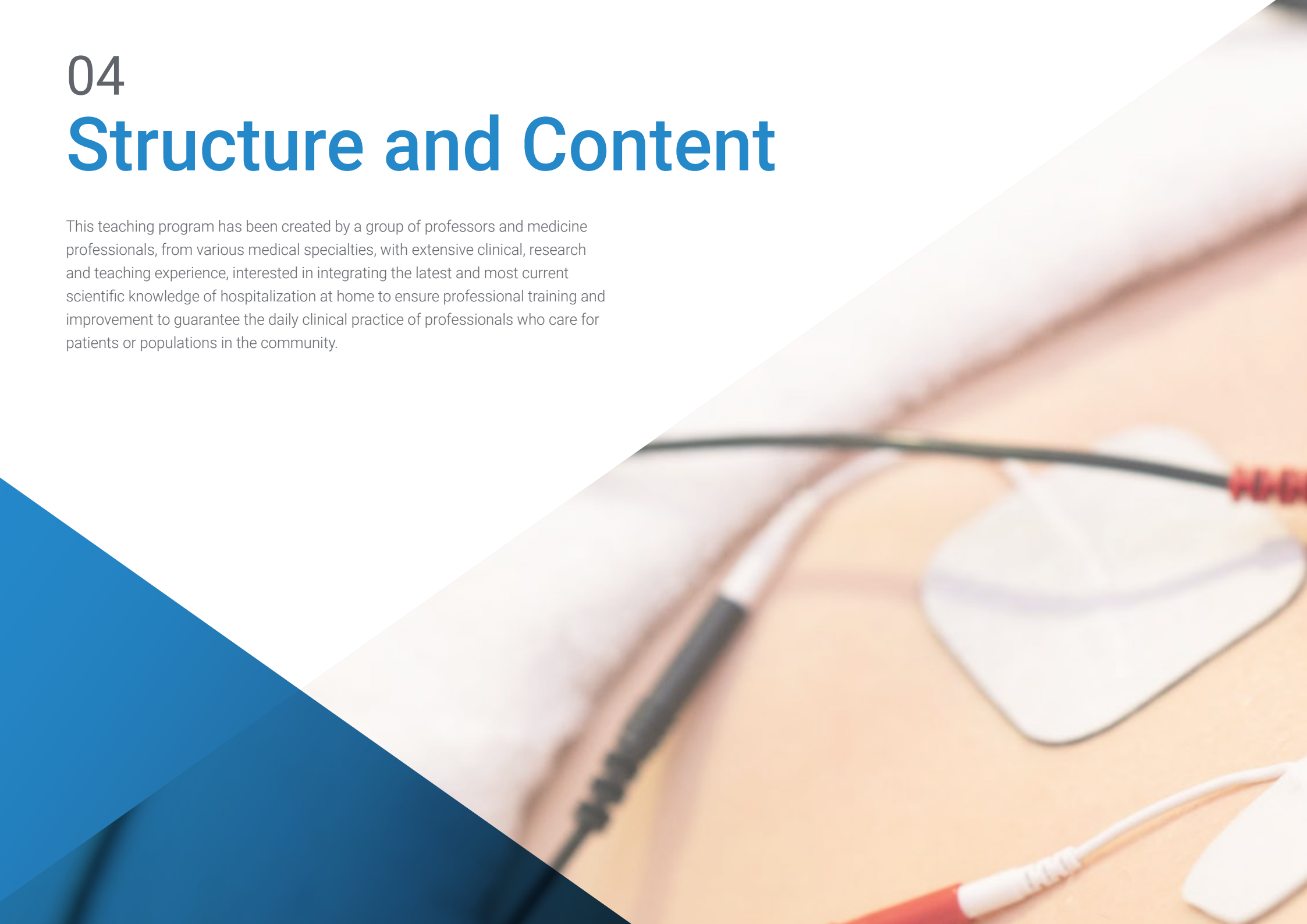
**Dr. Bustos, Loida Flor**

- ◆ Degree in Medicine and Surgery from the University of Valencia. Spain
- ◆ Specialist in Family and Community Medicine. Clinical University Hospital of Valencia
- ◆ Clinical University Hospital of Valencia. Attending Physician in the Home Hospitalization and Palliative Care Units in Ribera University Hospital. Valencia

# 04

# Structure and Content

This teaching program has been created by a group of professors and medicine professionals, from various medical specialties, with extensive clinical, research and teaching experience, interested in integrating the latest and most current scientific knowledge of hospitalization at home to ensure professional training and improvement to guarantee the daily clinical practice of professionals who care for patients or populations in the community.





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*This Postgraduate Certificate contains the most complete and up-to-date educational program on the market”*

## Module 1. Preventive Medicine in Home Hospitalization

- 1.1. Preventive Medicine
  - 1.1.1. Concepts and Overviews
- 1.2. Hygiene
  - 1.2.1. Considerations
  - 1.2.2. Procedures in the Home
- 1.3. Colonization in Infection by Multiresistant Germs Home Measurements
  - 1.3.1. Colonization
  - 1.3.2. Multiresistant Germs
  - 1.3.3. Home Measurements
- 1.4. Adequacy of Antibiotic Treatment at Home
  - 1.4.1. Types of Treatment
  - 1.4.2. Therapeutic Suitability
- 1.5. Vaccination in Special Patients
  - 1.5.1. Vaccines
  - 1.5.2. Special Patients







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*A unique, key, and decisive  
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. 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.

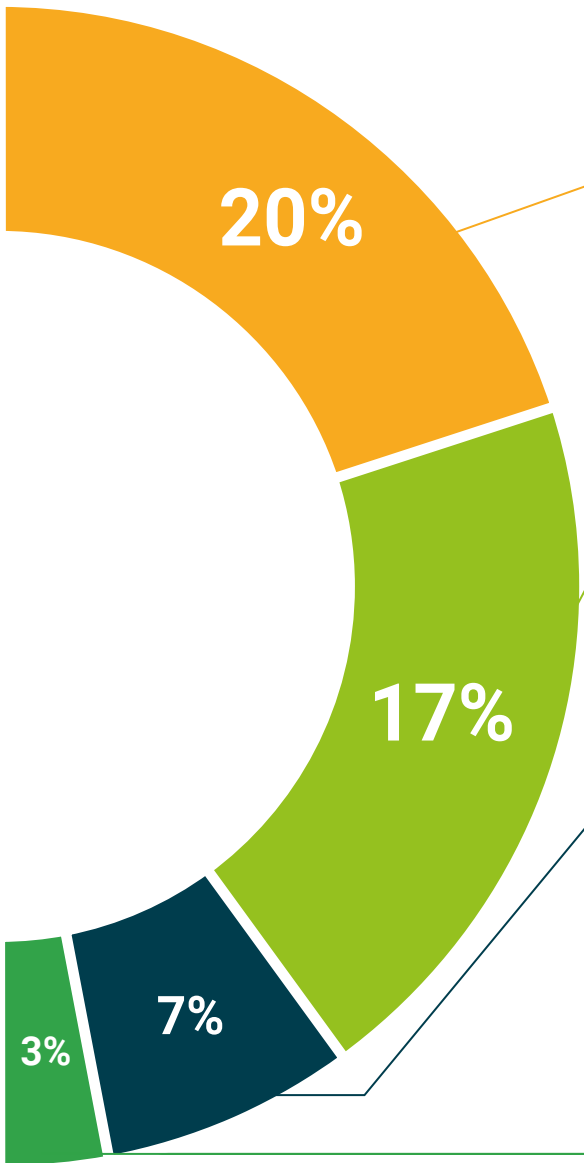
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



#### 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

This Postgraduate Certificate in Preventive Medicine in Home Hospitalization 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 Preventive Medicine in Home Hospitalization** 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 Preventive Medicine in Home Hospitalization**

Modality: **online**

Duration: **6 weeks**

Accreditation: **3 ECTS**



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

**tech** global  
university

**Postgraduate Certificate**  
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