

# Postgraduate Certificate

## Pain Management in Home Hospitalization

Endorsed by:





## Postgraduate Certificate Pain Management in Home Hospitalization

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

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

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# 01

# Introduction

Pain is one of the main symptoms of certain patients, such as those suffering from cancer or some chronic diseases. Its treatment at home has certain advantages, since it avoids the need for patients to travel to hospital centers, but it is important for the medical professional to be aware of the advances with the new treatments according to the assessment scales. This program is oriented to allow the physician to be up to date on the latest developments in Pain Management in Home Hospitalization and offer the best care to their patients.



A close-up photograph of a patient's skin, showing a white medical bandage or dressing. The skin appears slightly red and irritated, with some small red spots. The bandage is secured with blue stitching. The background is a solid blue color.

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*Home hospitalization is one of the main tools for the care of patients with chronic diseases”*

Pain is one of the most frequent causes of medical consultations and, in its extreme cases, it can prevent patients from living a normal life, sometimes even coupled with symptoms such as depression or anxiety. People suffering from chronic pain or cancer, for example, can sometimes continue their hospital treatment at home, which to some extent improves their living conditions. In such cases, when pain prevents them from moving, there is nothing better than being able to receive treatment at home, surrounded by family members.

However, for this to be possible and for their care not to decline in quality compared to what they would receive in a hospital center, it is essential for doctors to continue specializing throughout their working life, in order to advance their knowledge in tandem with the new developments in the field.

This program is oriented to delve into all those aspects that make Home Hospitalization unique and different from other medical specialties, but also to show the weaknesses and opportunities for the future that still lie ahead, taking advantage of new educational technologies.

With this Postgraduate Certificate, students will learn about the management and treatment of pain in patients undergoing home hospitalization, and the current legal framework for the prescription of opioid analgesics to treat pain, offering doctors the most up-to-date educational package to provide the best service to their patients.

This **Postgraduate Certificate in Pain Management in Home Hospitalization** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ♦ More than 100 practical cases presented by experts in Pain Management 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
- ♦ New developments on the role of doctors in home hospitalization
- ♦ Practical exercises where the self-evaluation process can be carried out to improve learning
- ♦ Algorithm-based interactive learning system for decision-making in the situations that are presented to the student
- ♦ Special emphasis on evidence-based medicine 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



*Advances in Home Hospitalization  
require new training proposals to  
keep the medical professional  
up to date"*

“

*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 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 the country, developing professional and teaching experience that they deliver in an extraordinary way in this Postgraduate Certificate.

The methodological design of this Postgraduate Certificate, developed 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 the professional, based primarily on the scientific method, to face the solution of real problems in their daily clinical practice, which will allow them to continue advancing 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-assessments, clinical cases and modular exams, have been thoroughly reviewed, updated 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 and gradual manner that will allow the objectives of the teaching program to be achieved.

*Our learning system is supported by more than 100 case studies, which will make your training more complete.*

*Increase your visibility, excellence, and professional development by updating your knowledge with this Postgraduate Certificate.*



# 02

# Objectives

The main objective of this Postgraduate Certificate is to improve the skills of healthcare professionals, through the acquisition of the most up-to-date and innovative scientific knowledge in the field of Home Hospitalization and Pain Management in patients to that will allow them to develop the skills that will turn their daily clinical practice into a standard of the best available scientific evidence, with a critical, innovative, multidisciplinary, and integrative approach.





A close-up, profile view of an elderly person's face, showing their nose and mouth. A green nasal cannula is inserted into their nostril. The person's skin is wrinkled, and they appear to be resting or sleeping. The background is a soft, out-of-focus light color. The image is partially obscured by a dark blue diagonal overlay in the top right corner and a white diagonal overlay in the bottom right corner.

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*If you want to be updated on the main novelties in Home Hospitalization, do not hesitate to specialize with us"*



### General objective

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- Update doctors' knowledge using the best scientific evidence for pain management in the field of home hospitalization as an efficient and effective alternative to conventional hospitalization

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*Make the most of the opportunity and take the step to get up to date on the latest developments in Pain Management in Home Hospitalization”*





### Specific objectives

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- ♦ Know the concept of pain and identify other associated factors involved in pain
- ♦ Determine types of pain according to physiopathology
- ♦ Recognize the main clinical syndromes which are possible to treat and monitor from home hospitalization

03

# Course Management

The teaching staff includes prestigious and renowned medical specialists, with numerous publications, teaching and professional experience in numerous hospitals, where many of the diseases studied have a high morbimortality. The team of professors is comprised by a multidisciplinary team from several medical specialties such as Internal Medicine, Family Medicine, Palliative Medicine, Preventive Medicine and Nursing, among others.





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*Update your knowledge in home hospitalization  
with the most prestigious specialists in the country”*

## 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

### Ms. Amoros Cantero, Aurora

- ♦ University Diploma in Nursing. University of Valencia
- ♦ Nurse, Preventive Medicine Service. Ribera University Hospital

### Ms. Alcover Pons, Marta

- ♦ University Diploma in Nursing. University of Valencia
- ♦ Nurse, Preventive Medicine Service. Ribera University Hospital. Alzira

### 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. Valence

### 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 Valence
- ♦ Attending Physician in the Preventative Medicine Unit at Ribera University Hospital Valence
- ♦ 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. 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. Valence

### Mr. García-Noblejas Julià, Pablo

- ♦ University Diploma in Nursing. University of Valencia. Spain
- ♦ Attending Physician of the Home Hospitalization and Palliative Care Unit Ribera University Hospital
- ♦ Master's Degree in Hospital Management. Catholic University of Valencia. Spain

### 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 of the Home Hospitalization and Palliative Care Unit

**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 of 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

**Ms. Marqués Aguilar, Elvira**

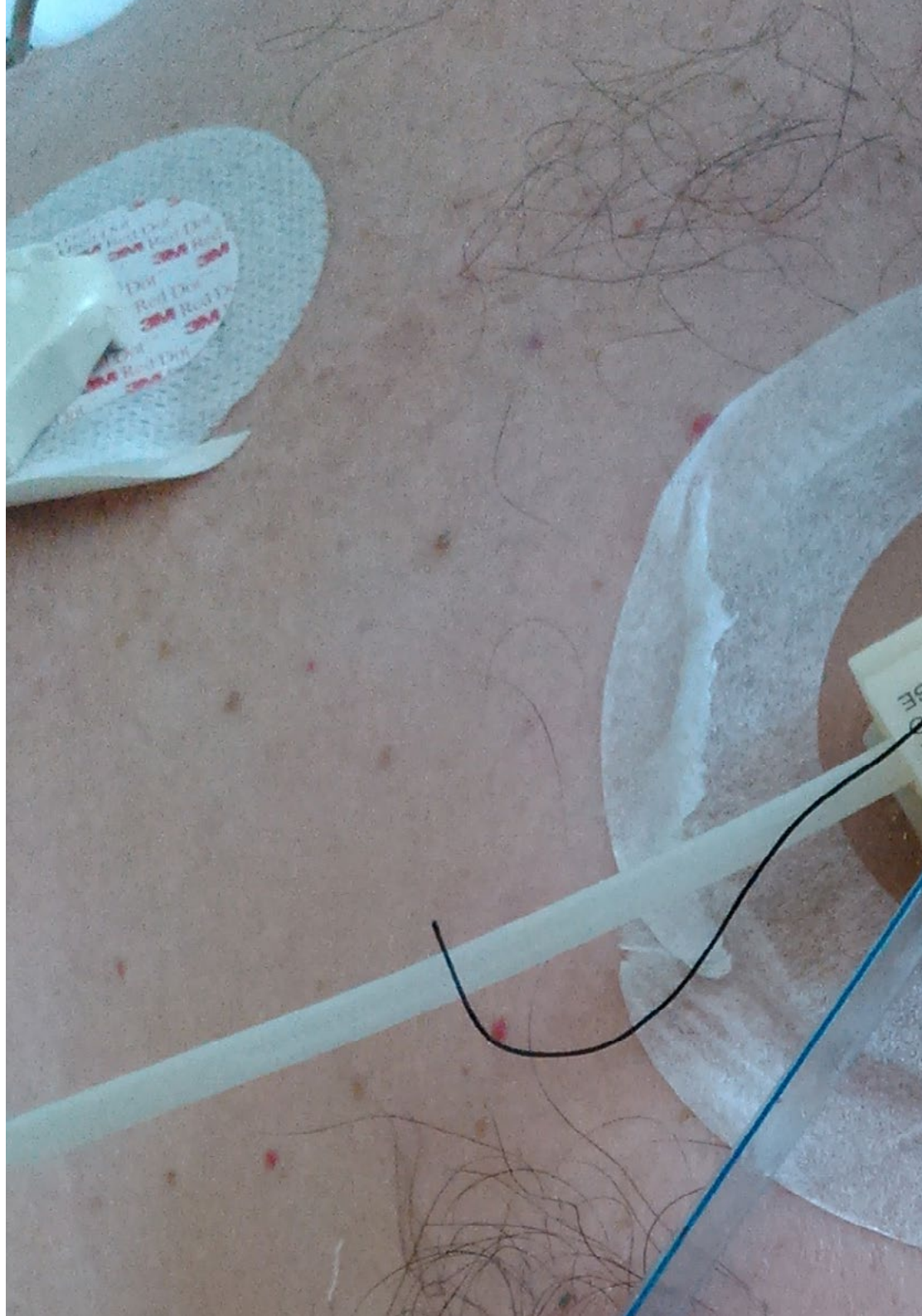
- ♦ Nursing Supervisor, Home Hospitalization and Palliative Care Unit
- ♦ University Diploma in Nursing. University of Valencia. La Fe Campus Spain
- ♦ Professional Master's Degree in School Health
- ♦ Case manager for complex chronic patients. Valencia School of Health Studies

**Dr. Santander López, Jorge**

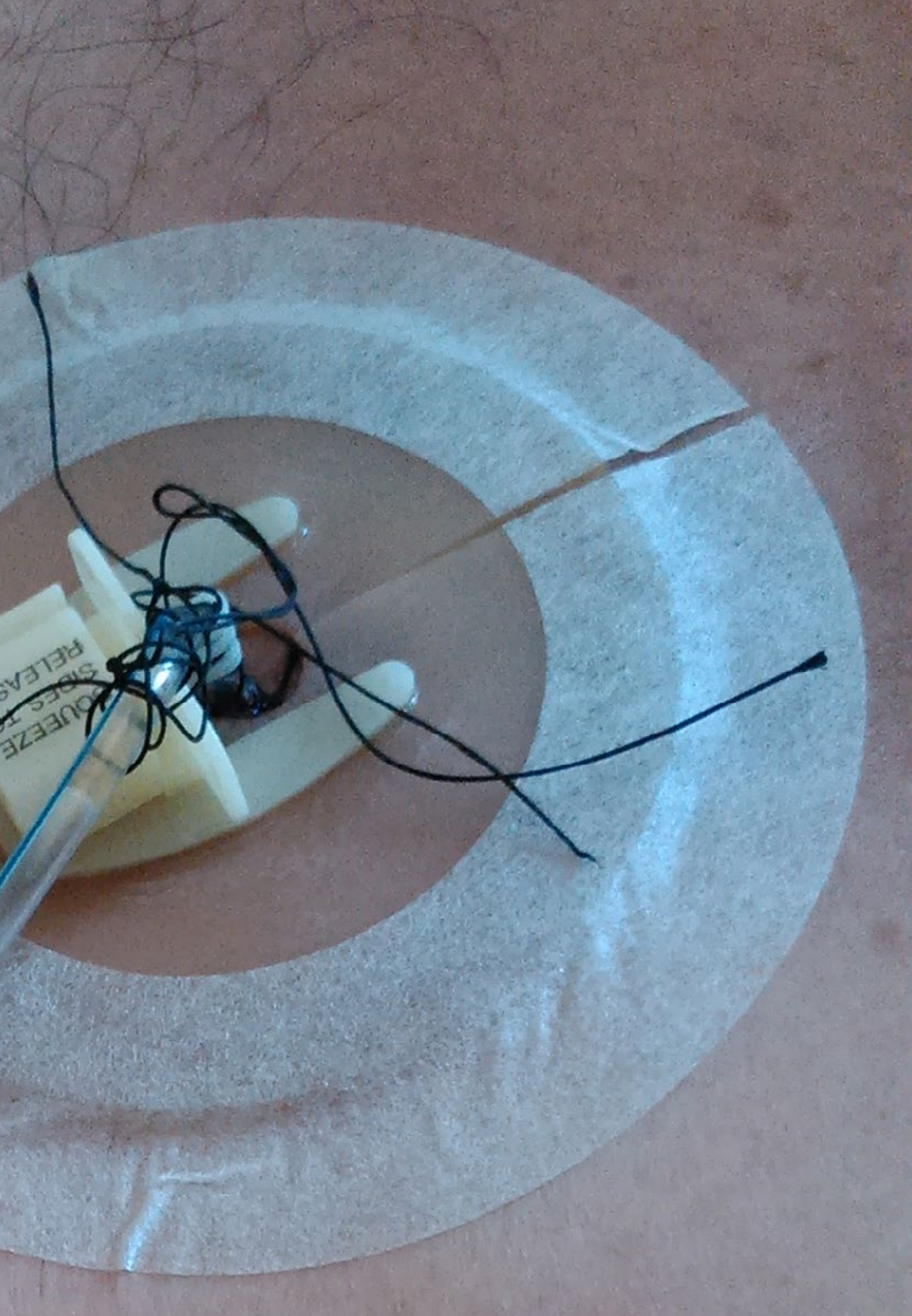
- ♦ Degree in Medicine and Surgery from the University of Mendoza Argentina
- ♦ Specialist in Family and Community Medicine. La Fe University Hospital Valencia Spain
- ♦ Attending Physician of the Home Hospitalization and Palliative Care Unit

**Ms. Sanchis Aguilar, Paula**

- ♦ Case manager for complex chronic patients. EVES
- ♦ University Diploma in Nursing
- ♦ Attending Physician of the Home Hospitalization and Palliative Care Unit Ribera University Hospital







**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. Torrijos Pastor, Antonio**

- ◆ Degree in Medicine and Surgery from the University of Cadiz Spain
- ◆ Specialist in Family and Community Medicine. Marina Baja Hospital Villajoyosa
- ◆ Master's Degree in Palliative Care Valladolid
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**Ms. Vila Herranz, Mireia**

- ◆ University Diploma in Nursing. Catholic University of Valencia. Spain
- ◆ Postgraduate Certificate in Terminal Illness and Palliative Care for Nurses
- ◆ Nurse in the Home Hospitalization and Palliative Care Unit
- ◆ Lecturer in Palliative Care training courses. EVES

# 04

# Structure and Content

This program has been created by a group of professors and medical professionals from various medical specialties, with extensive clinical research and teaching experience, interested in integrating the latest and most current scientific knowledge of home hospitalization, to ensure professional development to improve 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. Pain Management in Home Hospitalization

- 1.1. Pain Management
  - 1.1.1. General Aspects
  - 1.1.2. Considerations in the Home
- 1.2. Scales and Assessment of Patient in Pain
  - 1.2.1. Classification
  - 1.2.2. Patient Assessment
- 1.3. First-Line Analgesic Treatment
  - 1.3.1. Treatment
  - 1.3.2. Procedures in the Home
- 1.4. 2nd Line Analgesic Treatment
  - 1.4.1. Treatment
  - 1.4.2. Procedures in the Home
- 1.5. Third Step Treatment Opioids
  - 1.5.1. Treatment
  - 1.5.2. Procedures in the Home
- 1.6. Coadjuvants
  - 1.6.1. Classification
  - 1.6.2. Procedures
- 1.7. Interventional Pain Management
  - 1.7.1. Interconsultation
  - 1.7.2. Procedures in the Home
- 1.8. Current Legality in the Management of Opioid Analgesics
  - 1.8.1. Current Spanish Legal Framework





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

05

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





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

## At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

*With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.*



According to Dr. 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 in the physician's professional practice.



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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



## Relearning Methodology

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

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

*Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

*Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



#### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



#### Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



#### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



#### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



#### Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



#### Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



# 06 Certificate

The Postgraduate Certificate in Pain Management in Home Hospitalization guarantees you, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this program  
and receive your university degree  
without travel or laborious paperwork”*

This **Postgraduate Certificate in Pain Management in Home Hospitalization** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Pain Management in Home Hospitalization**

Official N° of hours: **125 h.**

Endorsed by: Professional Master's Degree in Home Hospitalization



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.



future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present

online training

development language

virtual classroom

**tech** technological  
university

**Postgraduate Certificate**  
Pain Management in  
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# Postgraduate Certificate

## Pain Management in Home Hospitalization

Endorsed by:

The background of the slide is a collage of images. A large, diagonal image shows a pair of hands being held. One hand is older, with wrinkled skin and a gold ring on the ring finger, resting on a green surface. The other hand is younger and smoother, resting on top of the older hand. The background also includes a blue triangle in the bottom-left corner and a white triangle in the top-right corner.

**tech** technological  
university