

# Postgraduate Certificate

## Therapeutics in Home Hospitalization

Endorsed by:





## Postgraduate Certificate Therapeutics in Home Hospitalization

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

Website: [www.techtitute.com/in/medicine/postgradaute-certificate/therapeutics-home-hospitalization](http://www.techtitute.com/in/medicine/postgradaute-certificate/therapeutics-home-hospitalization)

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# 01

# Introduction

Home hospitalization is essential for certain patients for whom it is difficult to travel to the hospital for treatment. Physicians must have all the necessary knowledge to apply the specialized therapy in each case. The program is oriented to allow the physician to update his knowledge in the appropriate therapies for patients in hospitalization at home, knowing the latest techniques in the field.



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*Study the most complete and up to date scientific program on the market".*

The change in societies, with an increasingly older population, brings with it an increase in hospitalization at home, as these people tend to have more chronic diseases. Thus, new technologies allow these patients to be treated at home, without the need to go to the hospital. But it is also necessary for the healthcare professional to know, in addition to the latest advances in healthcare technology, the main novelties in therapeutics, in order to offer a more effective treatment to their patients.

Home Hospitalization is the driving force of change in modern healthcare with care focused on people and their health and social needs. All this makes it necessary to place special emphasis on special treatments, in order to improve patients' symptoms as quickly as possible.

This program is focused on deepening the understanding of all aspects which make home hospitalization unique and different from other medical 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 rigorously presented with the latest scientific evidence and clinical cases in which to advance our knowledge, focusing on therapeutics in home hospitalization, either through serotherapy, chemotherapy at home, the use of different probes at home, for example.

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

- ♦ The development of more than 100 case studies presented by experts in Pathology in Home Hospitalization
- ♦ The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional.
- ♦ News on the role of the physician in hospitalization at home
- ♦ Its practical exercises where to perform the self-assessment process to improve learning
- ♦ Algorithm-based interactive learning system for decision-making in the situations that are presented to the student.
- ♦ Its special emphasis on evidence-based medicine and home hospitalization research 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

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*If you want to give the best care to your patients in home hospitalization, do not miss the opportunity to take this training, 100% online”.*

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*"The multimedia content developed with the latest educational technology will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive learning programmed to train before real situations."*

Its faculty is made up of prestigious and renowned Spanish professionals, with a long career in health care, teaching and research, who have worked in different hospitals throughout the country, developing a 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 fundamentally 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.

This Postgraduate Certificate emphasizes that each of the contents generated, as well as the videos, self-tests, 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, to facilitate the learning process in a step-by-step and didactic manner to achieve the objectives of the teaching program.

*Get specialized training adapted to your profession to improve your patient care every day.*

*Don't miss the opportunity and get up to date on the advances in Pathology in Home Hospitalization to incorporate them into your daily medical practice.*



# 02 Objectives

The main objective of the Postgraduate Certificate is the improvement of health professionals, based on the acquisition of the most updated and innovative scientific knowledge in the field of home hospitalization, the management of complex chronic patients and diseases with palliative needs and their treatment that will allow them to develop the skills that will turn their daily clinical practice into a bastion of the standards of the best scientific evidence available, with a critical, innovative, multidisciplinary and integrative sense.







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*It is essential that the healthcare professional continues his or her training throughout his or her working life".*



## General Objective

- Update the physician, through the best scientific evidence, on therapeutics in the field of home hospitalization, as an effective and efficient alternative to conventional hospitalization.



*With this Postgraduate Certificate you have the opportunity to update your knowledge in a comfortable way and without renouncing to the maximum scientific rigor, to incorporate the latest advances in the approach of therapeutics in home hospitalization in your daily medical practice".*





## Specific Objectives

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- ◆ Provide students with advanced, in-depth, updated, and multidisciplinary information that allows them to comprehensively approach the process of health and illness in the home.
- ◆ Provide training and theoretical and practical improvement to enable the execution of a clinical diagnosis of certainty, supported by the efficient use of diagnostic methods to indicate an effective integral therapy.
- ◆ Assess and interpret the characteristics and special conditions of patients with hospital needs, but in their home.
- ◆ Gain an in-depth understanding of the most innovative clinical, diagnostic and therapeutic elements of diseases in the home.
- ◆ Identify the main clinical syndromes which are possible to treat and monitor from home hospitalization.
- ◆ Justify the importance of chronic disease management in times of stability for the reduction of morbidity and mortality, emergency room visits and conventional admissions.
- ◆ Highlight palliative needs as one of the fields which has progressed the most in home hospitalization.
- ◆ Highlight the need to consider vaccination in patients with special needs in order to reduce the burden of disease.

03

# Course Management

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



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*The teaching team is made up of the country's leading experts in home hospitalization".*

## 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. 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. 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. Hospital Dr. Peset. Valencia
- ◆ Attending Physician in the Preventative Medicine Unit at Ribera University Hospital Valencia
- ◆ 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. 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. Flor Bustos, Loida**

- ◆ 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

**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

**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

**Dr. Dr.Tarraso Gómez, M<sup>a</sup> 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 Baixa Hospital Villajoyosa
- ◆ Master's Degree in Palliative Care Valladolid
- ◆ Attending Physician of the Home Hospitalization and Palliative Care Unit

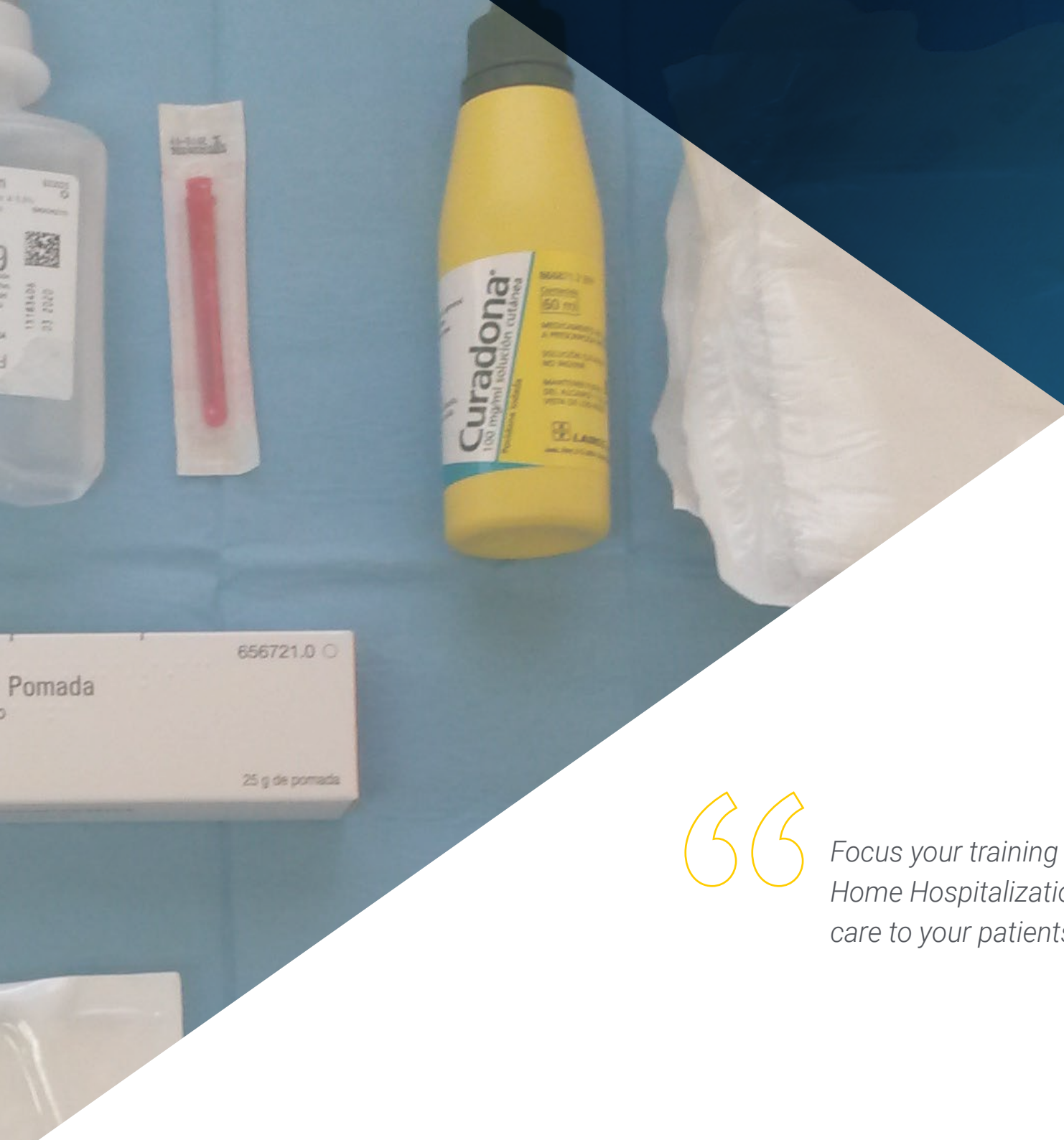
# 04

# Structure and Content

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







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*Focus your training on Pathology in Home Hospitalization and give the best care to your patients.”*

## Module 1. Special Treatments

- 1.1. Serotherapy and EV Medication
  - 1.1.1. Peripheral Routes
  - 1.1.2. Central Routes
  - 1.1.3. Drug Combinations
- 1.2. Administration of Blood Products
  - 1.2.1. Red blood Cell Concentrates
  - 1.2.2. Platelet Pool
  - 1.2.3. Plasma
  - 1.2.4. Protocols for Transfusion of Blood Derivatives at Home
- 1.3. Subcutaneous Medication
  - 1.3.1. Elastomeric Infusers
  - 1.3.2. Treatment with the Possibility of Subcutaneous Administration
  - 1.3.3. Drug Combinations
- 1.4. Chemotherapy at Home
  - 1.4.1. Classification
  - 1.4.2. Considerations
- 1.5. Intravenous Treatment on Home Perfusion Pump
  - 1.5.1. Classification
  - 1.5.2. Considerations
- 1.6. Bladder and Digestive Probes
  - 1.6.1. Home Replacement Protocols
  - 1.6.2. Technical Videos
- 1.7. PEG Replacement
  - 1.7.1. Home Replacement Protocols
  - 1.7.2. Technical Videos
- 1.8. Tracheostomy Replacement
  - 1.8.1. Home Replacement Protocols
  - 1.8.2. Technical Videos
- 1.9. Obtaining and Transporting Samples: analytical, cultures, etc.
  - 1.9.1. Obtaining Samples
  - 1.9.2. Transporting Samples





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

05

# Methodology

This training program provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used 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 Re-learning, 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 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 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.



## Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking 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. 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.

*Re-learning 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.



#### 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 multimedia content presentation training Exclusive 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 your goals.



**Classes**

There is scientific evidence on the usefulness of learning by observing experts: The system termed Learning from an Expert strengthens knowledge and recall capacity, and generates confidence in the face of difficult decisions in the future.



**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 Pathology in Home Hospitalization guarantees, 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 training program and receive your university certificate without travel or laborious paperwork”*

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

Title: **Postgraduate Certificate in Therapeutics in Home Hospitalization**

Official Number of Hours: **125**

**Scientifically endorsed by the Valencian Society of Hospital at Home.**



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

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

**tech** technological  
university

**Postgraduate**

**Certificate**

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