

# Postgraduate Certificate

## Therapeutic Techniques in Home Hospitalization



## Postgraduate Certificate Therapeutic Techniques 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/in/medicine/postgraduate-certificate/therapeutic-techniques-home-hospitalization](http://www.techtute.com/in/medicine/postgraduate-certificate/therapeutic-techniques-home-hospitalization)

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# 01

# Introduction

The advance in home hospitalization brings new challenges for medicine and healthcare professionals, who must adapt to the new changes and seek the best tools for the care of their patients. For this reason, it is important for the physician to be trained through courses such as this one, in which he/she will approach, through scientific knowledge, the main therapeutic techniques for the care of patients who receive treatment in their own homes.



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*Do not hesitate to train with us to expand your knowledge in therapeutic techniques and receive a Postgraduate Certificate from TECH Technological University.*

Specialists have to keep up to date with advances in therapeutic techniques in order to offer the best services to their patients in home hospitalization, since this type of hospitalization at home has certain particularities with respect to traditional hospitalization in medical centers. The simple fact of not having the same machinery in homes as in hospitals makes it necessary to keep up to date with the latest therapeutic developments in each case.

For this reason, it is important that the specialist continues with his training in home hospitalization throughout his working life, since this service is becoming a benchmark in the treatment of patients, allowing them to be as comfortable as possible during the difficult moments of their illness. With the increase in chronic diseases and the need for palliative care, home hospitalization is becoming the driving force for change in modern health care, a care focused on people and their health and social needs.

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.

With this Postgraduate Certificate, students will learn about therapeutic techniques in home hospitalization, focusing on paracentesis, thoracentesis, arthrocentesis, arthrocentesis, oxygen therapy, aerosol therapy and mechanical ventilation at home, offering physicians the most updated offer to provide the best service to their patients.

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

- Case studies presented by experts in therapeutic techniques 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
- The content of practical exercises where the self-assessment 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.
- 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



*Staying current is key to providing better care to our patients"*

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*This Postgraduate Certificate may be the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Therapeutic Techniques in Home Hospitalization, you will obtain a Postgraduate Certificate from TECH Technological University"*

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.

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

*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 therapeutic techniques in home hospitalization in 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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*Get a specialized training adapted to your profession to improve every day in the treatment of your patients"*



## General Objective

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

*Upgrade your knowledge through  
this Postgraduate Certificate in  
Therapeutic Techniques in Home  
Hospitalization program.*





## 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 practical theoretical improvement that will enable a reliable clinical diagnosis supported by the efficient use of diagnostic methods to indicate an effective integral treatment.
- ◆ Assess and interpret the characteristics and special conditions of patients with hospital needs, but in their home.
- ◆ Explain the care of complex chronic patients from the home, in order to avoid and/or reduce the severity of flare-ups.
- ◆ 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.

03

# Course Management

The teaching staff includes prestigious and renowned medical specialists, Professional Master's Degree and university experts, 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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*Its teaching staff includes renowned specialists from prestigious universities”*

## 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 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. 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. 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. 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. 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. 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 the 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 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

# 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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*Get trained with the most complete and up to date scientific program on the market”*

## Module 1. Therapeutic Techniques

- 1.1. Paracentesis
  - 1.1.1. Procedure
  - 1.1.2. Home Paracentesis
- 1.2. Thoracentesis
  - 1.2.1. Procedure
  - 1.2.2. Home Thoracentesis
- 1.3. Arthrocentesis
  - 1.3.1. Procedure
  - 1.3.2. Home Arthrocentesis
- 1.4. Oxygen Therapy
  - 1.4.1 Procedure
  - 1.4.2. Home Oxygen Therapy
- 1.5. Aerosol Therapy
  - 1.5.1. Procedure
  - 1.5.2. Home Aerosol Therapy
- 1.6. Mechanical Ventilation
  - 1.6.1. Procedure
  - 1.6.2. Home Mechanical Ventilation





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



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

In a given situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, 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 can 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 potential 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 professional medical 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.

Our University is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which represent a real revolution with respect to simply studying and analyzing cases.



*The physician 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 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 we have trained more than 250,000 physicians with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic 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 (we 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.



In this program you will have access to the best educational material, prepared with you 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



#### Latest 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 this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



#### Interactive Summaries

We present 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, international guides. in our virtual library you will have access to everything you need to complete your training.





**Expert-led case studies and case analysis**

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through the development of attention and the resolution of different situations: a clear and direct way to achieve the highest degree of understanding.



**Testing & Retesting**

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your 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 our difficult future decisions.



**Quick Action Guides**

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.





# 06 Certificate

The **Postgraduate Certificate in Therapeutic Techniques in Home Hospitalization** guarantees you, in addition to the most rigorous and updated training, access to a **Postgraduate Certificate** issued by **TECH Technological University**.



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*Successfully complete this training and receive your diploma without the hassle of travel or paperwork"*

This **Postgraduate Certificate in Therapeutic Techniques 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 Therapeutic Techniques in Home Hospitalization**

Official N° of Hours: **100 h**



\*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 quality

online training

development languages

virtual classroom

**tech** technological  
university

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