

# Postgraduate Diploma

## Patient Care in Home Hospitalization

Endorsed by:

The background of the slide is a photograph showing a healthcare professional in a light blue uniform assisting an elderly patient. The patient is using a blue walker and has an IV drip on their left arm. The professional's hands are visible, one supporting the patient's arm and the other near the walker. The image is partially obscured by diagonal blue and white graphic overlays.

**tech** technological  
university



## Postgraduate Diploma Patient Care in Home Hospitalization

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 8h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-patient-care-home-hospitalization](http://www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-patient-care-home-hospitalization)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 16*

05

Methodology

---

*p. 22*

06

Certificate

---

*p. 30*

# 01

# Introduction

Patient care at home allows those who cannot travel to hospital centers to continue to receive adequate care from physicians. This program is oriented towards enabling physicians to update their knowledge in hospitalization at home, through the latest educational technology, so they will learn the techniques for the care of each type of patient.







“

*This training will provide you with a sense of security in medical practice, which will help you grow personally and professionally”*

Home care for patients is one of the main resources to ensure that dependent persons can receive the most complete medical care possible. Technological advances in healthcare have allowed many patients to be cared for in their own homes, without the need to travel to hospitals, making this service a driving force for change in modern healthcare, a care focused on people and their health and social needs.

Changes in this type of health care have been advancing year after year, due, in part, to the increase in the population in need of these services. This growth has been favored by demographic change, with a decrease in birth and mortality rates, as well as an increase in the aging population, with chronic problems that become more acute and require out-of-hospital care.

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 agenda is oriented to know the latest scientific evidence and clinical cases in which to advance our knowledge, in order to share experiences and innovative techniques already performed by fellow physicians in the field of Patient Care in Home Hospitalization, including pediatric patients and preventive medicine advisable in each case.

The **Postgraduate Diploma in Patient Care 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 patient in hospitalization at home.
- ♦ The graphic, schematic, and eminently practical contents of which they are composed provide scientific and practical information on the disciplines that are essential for professional practice.
- ♦ Developments on the role of the physician in home hospitalization.
- ♦ 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.
- ♦ Special emphasis on evidence-based medicine and research methodologies in home hospitalization.
- ♦ Its theoretical lessons, questions to the expert, discussion forums on controversial topics and individual reflection papers.
- ♦ Content that is accessible from any fixed or portable device with an Internet connection.

“*Upgrade your knowledge with the Postgraduate Diploma program in Patient Care in Home Hospitalization*”

“

*This expert 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 Patient Care in Home Hospitalization, you will obtain a Postgraduate Diploma from TECH Technological University”.*

Its teaching staff 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 Diploma.

The methodological design of this Postgraduate Diploma, 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 progress in the acquisition of knowledge and the development of skills that will impact their future professional work.

It should be noted in this Postgraduate Diploma 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 program.

*Its teaching staff includes renowned specialists from prestigious universities.*

*Take the opportunity to learn about the latest advances in Patient Care in Home Hospitalization and improve your patient care.*





# 02 Objectives

The main objective of the Postgraduate Diploma 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 available scientific evidence, with a critical, innovative, multidisciplinary and integrative sense.







“

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



## General Objective

---

- Update the physician, through the best scientific evidence for patient care in home hospitalization, as an effective and efficient alternative to conventional hospitalization.



*Take the opportunity and take the step to get up to date on the latest developments in Patient Care in Home Hospitalization"*





## Specific Objectives

---

- ◆ 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.
- ◆ Develop skills to implement prophylactic plans for the prevention of these pathologies.
- ◆ Assess and interpret the characteristics and special conditions of patients with hospital needs, but for application in their home.
- ◆ Explain the most common pathogenic mechanisms and neoplasms associated with advanced palliative needs.
- ◆ 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 a home hospitalization.
- ◆ Highlight the palliative needs as one of the fields with the greatest progression in home hospitalization.
- ◆ Develop the concept of dignified death and accompaniment of the last moments of life.
- ◆ Highlight the need to consider vaccination in patients with special needs in order to reduce the burden of disease.

# 04

# 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.







“

*Learn from leading professionals  
the latest advances in Patient  
Care 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 University of 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 University of 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 University of 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 University of Valladolid
- ♦ Attending Physician of the Home Hospitalization and Palliative Care Unit

05

# 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.







“

*It includes clinical cases to bring the development of the program as close as possible to the reality of medical practice”*

## Module 1. Care for Different Specific Types of Patients

- 1.1. Fragile Geriatric Patient.
  - 1.1.1. Peculiarities in a Geriatric Patient.
  - 1.1.2. Relationship Model with Assisted Care Residences.
  - 1.1.3. Treatment of Geriatric Patients.
- 1.2. Complex Chronic Patient.
  - 1.2.1. Definition.
  - 1.2.2. Management Models for Complex Chronic Patients.
  - 1.2.3. Terminal Criteria
- 1.3. Palliative Patient
  - 1.3.1. Differences Between an Oncologic or Non-Oncologic Palliative Patient.
  - 1.3.2. Terminal Criteria
  - 1.3.3. Management Models for Palliative Patients.
- 1.4. Polyfrequency Patient.
  - 1.4.1. Case Management
- 1.5. Home Antibiotherapy.
  - 1.5.1. General Aspects.
  - 1.5.2. Home Intravenous Antibiotic Therapy
- 1.6. Psychiatric Patient
  - 1.6.1. Peculiarities of Home-Based Mental Health Monitoring.
- 1.7. Pediatric Patient
  - 1.7.1. Considerations in a Pediatric Patient.

## Module 2. Management of Subsidiary Syndromes at Home

- 2.1. Heart Failure
  - 2.1.1. Criteria for Admission and Exclusion.
  - 2.1.2. Management of Treatment and Symptoms in the Home.
  - 2.1.3. Criteria for Discharge.
- 2.2. COPD
  - 2.2.1. Criteria for Admission and Exclusion.
  - 2.2.2. Management of Treatment and Symptoms in the Home.
- 2.3. Caring for a Patient Post-Surgery.
  - 2.3.1. Criteria for Admission and Exclusion.
  - 2.3.2. Management of the Main Symptoms and Complications in Patients Post-Surgery.
- 2.4. Neurological Patient
  - 2.4.1. Dementia
  - 2.4.2. Multiple Sclerosis
  - 2.4.3. ALS
- 2.5. DVT and PE.
  - 2.5.1. Home-Based Diagnosis.
  - 2.5.2. Treatment Adjusted to the Home.
  - 2.5.3. Admission Criteria in Conventional Hospitalization.
- 2.6. Home-Based Rehabilitation Loss of Functionality Fractures.
  - 2.6.1. Scales of Functionality.
  - 2.6.2. Possibilities for Home-Based Rehabilitation.
- 2.7. Nephrourological Emergencies
  - 2.7.1. Pyelonephritis
  - 2.7.2. Urinary tract pathologies.
  - 2.7.3. Prostate Disease
  - 2.7.4. Acute and Chronic Kidney Disease.
- 2.8. Patient with Digestive Diseases.
  - 2.8.1. Cirrhosis
  - 2.8.2. Hepatic Encephalopathy.
  - 2.8.3. Short Intestine.

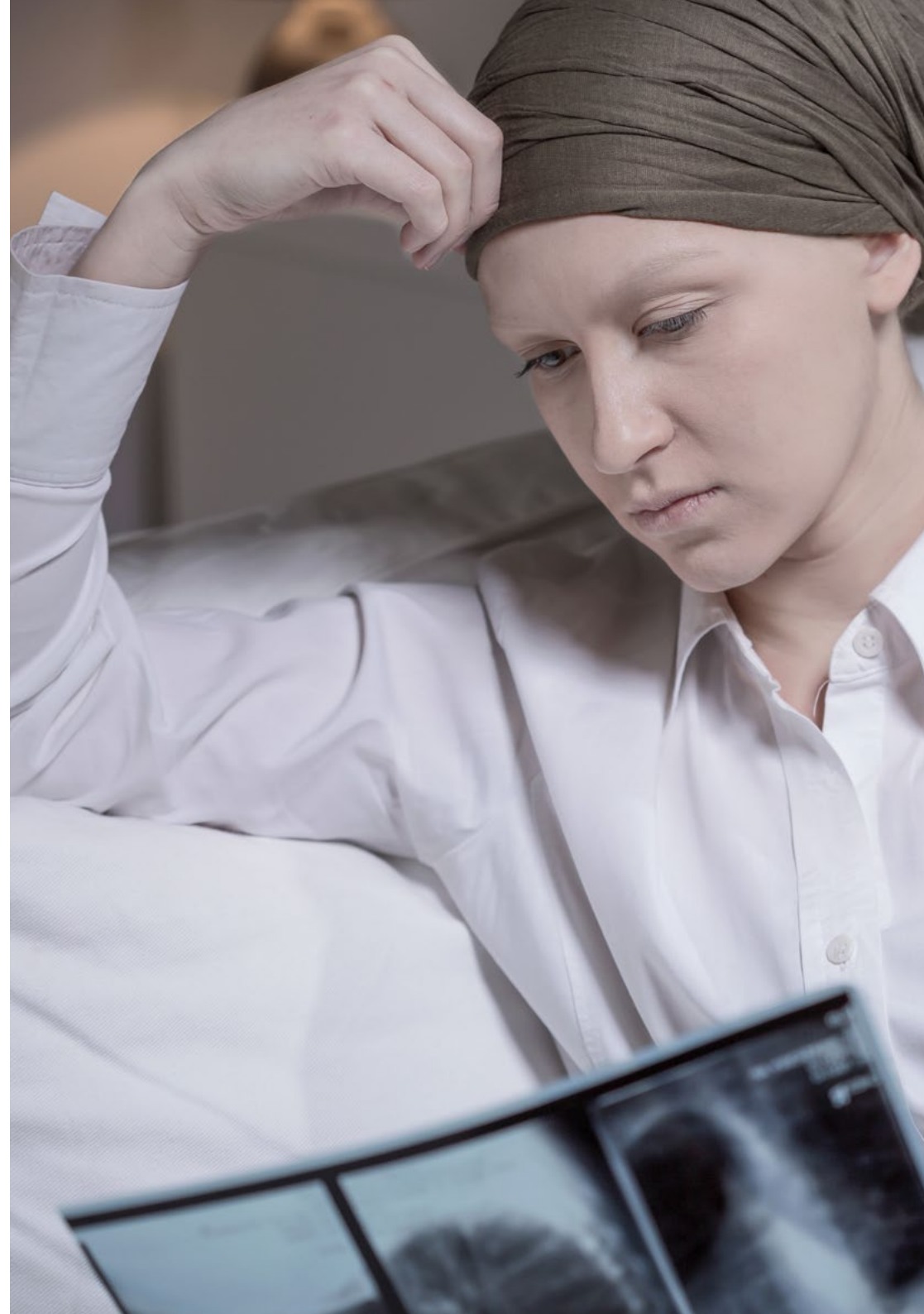


### Module 3. Special Treatments

- 3.1. Serotherapy and Ev Medication.
  - 3.1.1. Peripheral Routes
  - 3.1.2. Central Routes
  - 3.1.3. Drug Combinations.
- 3.2. Administration of Blood Products.
  - 3.2.1. Red Blood Cell Concentrates.
  - 3.2.2. Platelet Pool.
  - 3.2.3. Plasma.
  - 3.2.4. Protocols for Transfusion of Blood Derivatives at Home.
- 3.3. Subcutaneous Medication.
  - 3.3.1. Elastomeric Infusers.
  - 3.3.2. Treatment with the Possibility of Subcutaneous Administration.
  - 3.3.3. Drug Combinations.
- 3.4. Chemotherapy at Home.
  - 3.4.1. Classification.
  - 3.4.2. Considerations
- 3.5. Intravenous Treatment in Home Perfusion Pump.
  - 3.5.1. Classification.
  - 3.5.2. Considerations
- 3.6. Bladder and Digestive Catheterization.
  - 3.6.1. Home Replacement Protocols.
  - 3.6.2. Videos of Techniques.
- 3.7. PEG Refill.
  - 3.7.1. Home Replacement Protocols.
  - 3.7.2. Videos of Techniques.
- 3.8. Tracheostomy Replacement.
  - 3.8.1. Home Replacement Protocols.
  - 3.8.2. Videos of Techniques.
- 3.9. Obtaining and Transporting Samples: analytical, cultures, etc.
  - 3.9.1. Obtaining Samples.
  - 3.9.2. Transport of Samples.

#### Module 4. The Pediatric Patient in Home Hospitalization

- 4.1. Introduction.
  - 4.1.1. Pediatric Patient Particularities.
- 4.2. Specific Pediatric Assessment at Home.
  - 4.2.1. Considerations
- 4.3. Pediatric Oncology
- 4.4. Infections in Pediatrics.
  - 4.4.1. Classification.
  - 4.4.2. Procedures.
- 4.5. Congenital Diseases
  - 4.5.1. Classification.
  - 4.5.2. Considerations
- 4.6. Legality in Pediatric Patient Care.
  - 4.6.1. Spanish Legal Framework.
  - 4.6.2. Considerations





## Module 5. Preventive Medicine in Home Hospitalization

- 5.1. Preventative Medicine
  - 5.1.1. Concepts and Overviews.
- 5.2. Hygiene.
  - 5.2.1. Considerations
  - 5.2.2. Procedures in the Home.
- 5.3. Colonization in Infection by Multiresistant Germs Home Measurements
  - 5.3.1. Colonization
  - 5.3.2. Multiresistant Germs
  - 5.3.3. Actions at home.
- 5.4. Adequacy of Antibiotic Treatment at Home.
  - 5.4.1. Types of Treatment.
  - 5.4.2. Therapeutic Suitability
- 5.5. Vaccination in Special Patients.
  - 5.5.1. Vaccines
  - 5.5.2. Special Patients

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



06

# 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.



“

*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. Gervas, 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.



“

*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

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 Diploma in Patient Care in Home Hospitalization** guarantees you, in addition to the most rigorous and up to date training, access to a **Postgraduate Diploma** issued by **TECH Technological University**.



“

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

This **Postgraduate Diploma in Patient Care 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 diploma** issued by **TECH Technological University** via tracked delivery\*.

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

Title: **Postgraduate Diploma in Patient Care in Home Hospitalization**

Official N° of hours: **525 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  
development language  
virtual classroom



**Postgraduate Diploma**  
Patient Care in  
Home Hospitalization

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 8h/week
- » Schedule: at your own pace
- » Exams: online

# Postgraduate Diploma

## Patient Care in Home Hospitalization

Endorsed by:

