

Postgraduate Certificate

Infections in Home Hospitalization





Postgraduate Certificate Infections 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/physiotherapy/postgraduate-certificate/infections-home-hospitalization

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01

Introduction

This program was created with the aim of preparing physiotherapists to be able to prevent infections in home environments. In this sense, home hospitalization is a way to avoid infections, especially if we compare it with hospital centers, which can sometimes become the places where patients contract certain infections. Treatment advances are evolving every year, mainly to combat the most resistant microorganisms. For this reason, it is essential for healthcare professionals to be in constant development in order to update their knowledge in this area and provide more effective patient care. Programs such as the one TECH presents, give physical therapists the opportunity to obtain the most up-to-date information on the market about the main infections in home hospitalization and their treatments.





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It is essential for physiotherapy professionals to continue with their professional development throughout their career”

Current demographic change, coupled with a rising aging population, calls for an extreme rethinking of healthcare to focus more on patient care. This change is taking place thanks to home hospitalization, which allows patients to be cared for in their homes, and which is beneficial for both parties, since patients can be accompanied by their relatives at all times, and this decongests hospital facilities and reduces health care costs as patient stays become shorter.

Both in the case of the elderly, of whom around 70% of Spaniards are estimated to suffer from at least one chronic disease, and the case of cancer patients, for example, who in some cases may receive treatment at home, it should be taken into account that they can become an easy target for microorganisms, as they have a weakened immune system. That is why they may be more prone to infections than other patients.

All this makes it extremely important for physiotherapists to constantly update their knowledge to keep pace with the latest developments in infection treatment and to provide their patients with the most accurate therapies in each case.

This program is designed to delve deeper into all the aspects that make home hospitalization unique and different from the rest of the physiotherapist specialties, especially focusing on the study of the main infections that affect patients in home hospitalization.

This **Professional Certificate in Infections 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 Patient Infections in Home Hospitalization
- ◆ The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ Latest advances on the role of physiotherapists in home hospitalization
- ◆ Practical exercises where 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
- ◆ With 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



This Postgraduate Certificate offers you the opportunity to learn with prestigious and renowned professionals who will help you update your knowledge in this field"

“*Don't miss out on the opportunity to incorporate the latest physiotherapy advances in infections in home hospitalization to improve your patient care”*

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

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

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

Students will find a multitude of practical exercises with self-evaluation to improve their own learning.

Study with us and update your knowledge in order to offer more efficient and personalized care to your patients.



02 Objectives

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





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*Keeping up to date is key to
providing better care to our patients”*



General Objective

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

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Take the step to get up to date in Home Hospitalization”





Specific Objectives

- ◆ Highlight the importance of morbidity and mortality due to multi-resistant infections in complex patients with special needs
- ◆ Study the current pathophysiological elements between non-transmissible chronic diseases and infections

03

Course Management

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





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Learn from the best medical and nursing professionals, and complement your knowledge in the field of 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. Martín Marco, Antonio

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

Dr. Tarraso Gómez, María Luisa

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

Dr. Jara Calabuig, Irina

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

Dr. Duart Clemente, Cristina

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

Dr. Ciancotti Oliver, Lucía

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

Dr. Bou Monterde, Ricardo

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

Dr. Torrijos Pastor, Antonio

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

Dr. Santander López, Jorge

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

Dr. Bustos, Loida Flor

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

04

Structure and Content

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





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Learn the basics of home hospitalization through this Postgraduate Certificate to be up to date on the new advances in the field”

Module 1. Management of Infections at Home Criteria for Admission and Exclusion, Management, Discharge Criteria

- 1.1. Pneumonia
 - 1.1.1. Diagnosis
 - 1.1.2. Home-Based Management
 - 1.1.3. Bronchoaspirations Prevention and Management
- 1.2. Infections of the Urinary Tract
 - 1.2.1. Pyelonephritis
 - 1.2.2. Urinary Tract Infections
 - 1.2.3. Prostatitis
- 1.3. Intra-Abdominal Infections
 - 1.3.1. Liver Abscesses
 - 1.3.2. Post-Surgery Abscesses
 - 1.3.3. Cholecystitis and Cholangitis
 - 1.3.4. Diverticulitis
 - 1.3.5. Infectious Pancreatitis
- 1.4. Abscesses
 - 1.4.1. General Aspects
 - 1.4.2. Treatment
 - 1.4.3. Types of Cure





- 1.5. Soft Tissue Infections
 - 1.5.1. Concept
 - 1.5.2. Classification
- 1.6. Infection of Surgical Wounds
 - 1.6.1. Concept
 - 1.6.2. Classification
- 1.7. Osteomyelitis
 - 1.7.1. Concept
 - 1.7.2. Classification
- 1.8. Endocarditis
 - 1.8.1. Concept
 - 1.8.2. Classification
- 1.9. Prosthesis and Intra-Vascular Device Infections
 - 1.9.1. Concept
 - 1.9.2. Classification
- 1.10. Febrile Neutropenia
 - 1.10.1. Diagnosis
 - 1.10.2. Treatment



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

05

Methodology

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

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





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

At TECH we use the Case Method

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

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



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions of professional physiotherapy practice.

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

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

1. Physiotherapists/kinesiologists who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the physiotherapist/kinesiologist to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Relearning Methodology

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

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



The physiotherapist/kinesiologist will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.

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

With this methodology we trained more than 65,000 physiotherapists/kinesiologists with unprecedented success in all clinical specialties, regardless of the workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

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

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

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



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



Study Material

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

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



Physiotherapy Techniques and Procedures on Video

TECH brings students closer to the latest techniques, the latest educational advances and to the forefront of current Physiotherapy techniques and procedures. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you want.



Interactive Summaries

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

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



Additional Reading

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





Expert-Led Case Studies and Case Analysis

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



Testing & Retesting

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



Classes

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



Quick Action Guides

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



06 Certificate

This Postgraduate Certificate in Infections in Home Hospitalization guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



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Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This **Professional Certificate in Infections 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 Infections in Home Hospitalization**

Official N° of Hours: **150 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
development language
virtual classroom



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