

Postgraduate Certificate Diagnosis Techniques in Home Hospitalization





Postgraduate Certificate Diagnosis 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/pk/physiotherapy/postgraduate-certificate/diagnosis-techniques-home-hospitalization

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01

Introduction

Diagnostic techniques are the main tools available to physiotherapists to determine physical, motor or sensory diseases in their patients. Advances in this field make diagnoses more accurate, so it is necessary that physiotherapy professionals know the latest advances in the field to use, in each case, the most appropriate techniques. Thanks to this program, physiotherapists will be able to get up to date on the most common diagnostic techniques in home hospitalization.





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*Take the most comprehensive knowledge,
based on the latest scientific evidence, to
your workplace”*

The evolution of diagnostic techniques has allowed for early and precise detection of diseases that previously required more procedures. It is therefore important to continue to innovate in healthcare technologies so that physiotherapists can make increasingly better diagnoses, which will help cure and prevent certain diseases.

But at the same time diagnostic techniques are improving, it is necessary for professionals to be aware of all these new developments in order to know how to implement the new tools in their daily practice with patients. In the case of home hospitalization, it is also necessary for physiotherapists to know what type of diagnostic techniques to be performed in each case, since this type of hospitalization must equal the quality at hospital centers, even without the same equipment.

Thus, physiotherapy professionals will have to follow a series of more specific procedures when practising their work outside hospital facilities, so that all tests performed reach the laboratories in an appropriate manner.

With this Postgraduate Certificate, students will learn about the most innovative diagnostic techniques in the home hospitalization market, offering physiotherapists the most up to date program to provide the best care to their patients.

This program is focused on deepening the understanding of all aspects which make home hospitalization unique and different from other m physiotherapeutic specialties. It also demonstrates the weaknesses and future opportunities we have ahead of us, making the most of new educative technology available.

This **Professional Certificate in Diagnosis Techniques in Home Hospitalization**

contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ♦ The development of more than 100 case studies presented by experts from Diagnosis Techniques 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 physiotherapy 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



Become a better physiotherapist that's much more competent and capable with this TECH Postgraduate Certificate"

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The multimedia content will aid specialists in contextual learning to train for real situations. This will allow you to acquire knowledge in a more efficient way"

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 Soain, 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.

Balance your studies with your professional and personal life thanks to this 100% online Postgraduate Certificate.

Take advantage of this Postgraduate Certificate to advance your career and be the best in home hospitalization patient care.



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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Advance in your profession by paving your way in what is shaping up to be one of the most exciting fields in medicine today and in the future”





Specific Objectives

- ♦ Provide knowledge 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
- ♦ Provide theoretical content on the latest techniques in hospital home treatment

03

Course Management

The teaching program includes the participation of prestigious and renowned physiotherapists and medical specialists, masters and university experts, with numerous publications, teaching experience and professional experience in numerous hospitals, where many of the diseases studied have a high morbimortality. The team of professors 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 expertise 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

The teaching program has been created by a group of professors and physiotherapy 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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*Study the most complete and up-to-date
scientific program on the market”*

Module 1. Diagnostic Techniques

- 1.1. ECG
 - 1.1.1. Procedure
 - 1.1.2. ECG at Home
- 1.2. Ultrasound
 - 1.2.1. Procedure
 - 1.2.2. Ultrasound at Home
- 1.3. Puspoximetry
 - 1.3.1. Procedure
 - 1.3.2. Puspoximetry at Home
- 1.4. Analysis
 - 1.4.1. Procedure
 - 1.4.2. Blood Analysis at Home
- 1.5. Cultures
 - 1.5.1. Procedure
 - 1.5.2. Blood Analysis at Home
- 1.6. Scales (Functional, Cognitive, Nutritional Assessment, etc.)
 - 1.6.1. Procedure
 - 1.6.2. Classification





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

05 Methodology

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

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





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

At TECH we use the Case Method

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

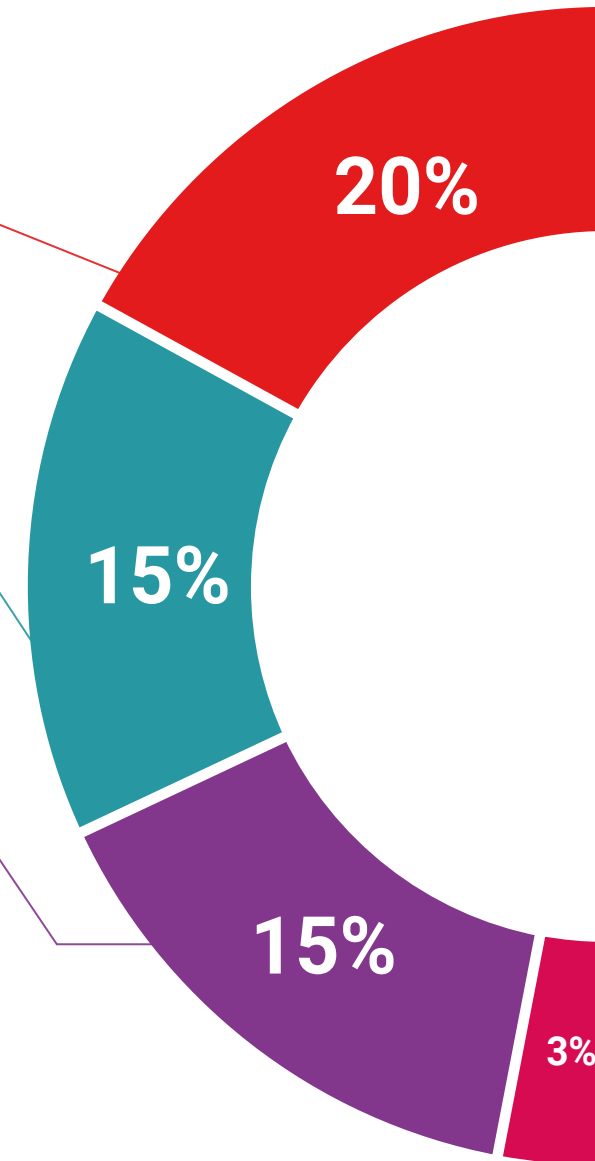
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

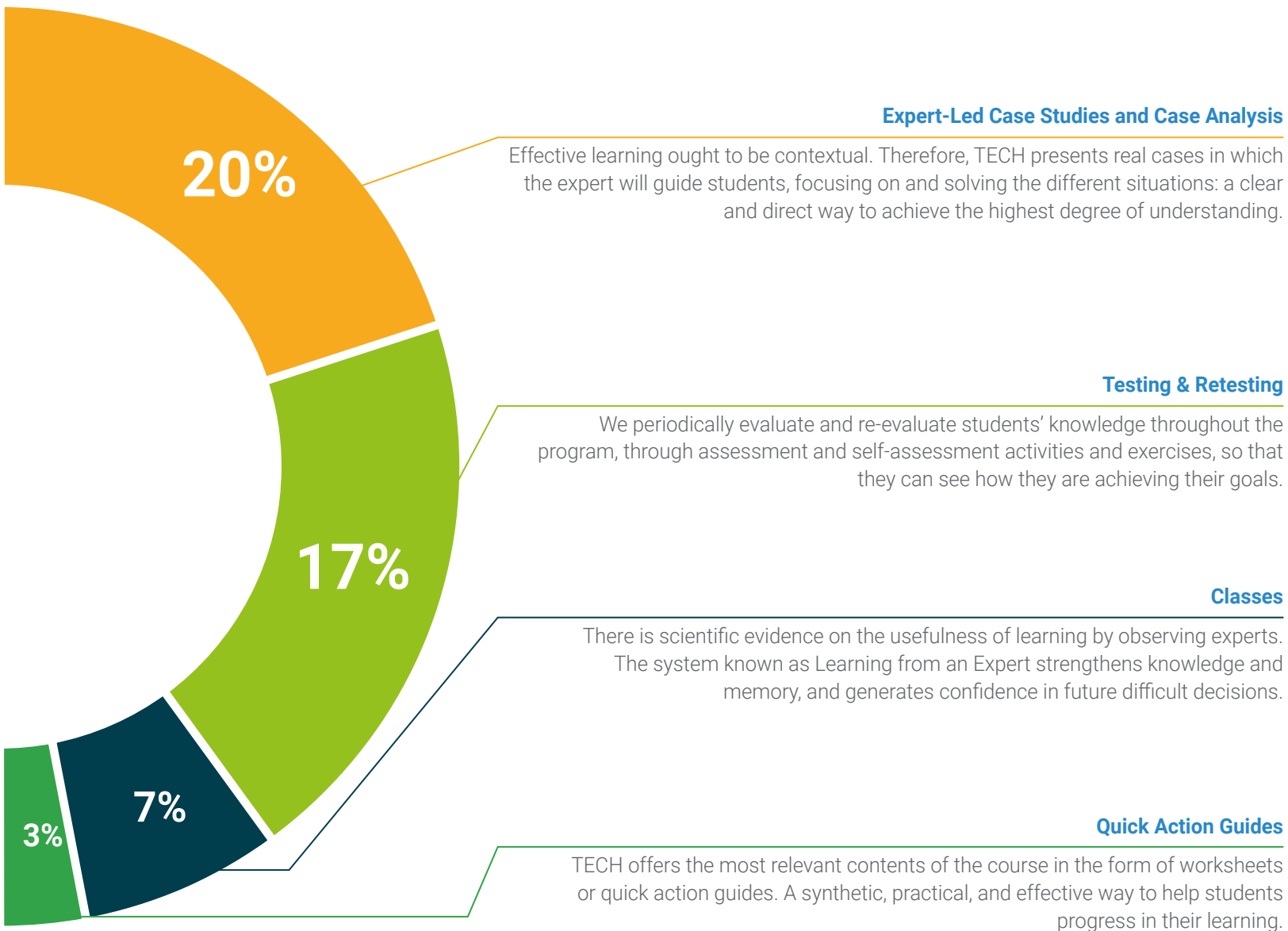
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



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.





06 Certificate

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

Official N° of hours: **100 h.**



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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Postgraduate Certificate

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