

Master's Degree

Home Hospitalization





Master's Degree Home Hospitalization

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Global University
- » Credits: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/physiotherapy/master-degree/master-home-hospitalization

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01

Introduction

This TECH program was created with the aim of providing physical therapy professionals with the necessary skills to work with patients in Home Hospitalization. In this sense, physiotherapists of the 21st century have a great and exciting challenge ahead of them. Modern society has changed drastically in terms of demographic characteristics with increasing aging. Thanks to technology, in many cases patients are not required to go to the hospital, rather, they can be treated at their residence, where they have a lower risk of infection and enjoy the comfort of their own home. This program is aimed at enabling physiotherapists to update their knowledge in home hospitalization through the latest educational technology.



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It is very necessary for physical therapy professionals to update their knowledge in the field of Home Hospitalization in order to successfully face the challenges that this profession presents”

Demographic change requires an extreme rethinking of health care, previously focused on acute processes and cure as the primary objective, with hospitals as the center of care. The idea is to lean towards a medicine aimed at care rather than cure and having the person and his or her closest environment, the home where he or she lives, as its center. This is without reducing the quality of care or the use of hospital-intensive resources, but being much more efficient in the use and consumption of both public and private resources.

Home Hospitalization is the driving force of change in modern healthcare with care focused on people and their health and social needs.

The patients and users have already experienced the change that TECH is been hearing about year after year and for decades from the various medical societies and healthcare managers. As we have seen, this is also an aging society, with chronic problems that are exacerbated and care needs outside the hospital setting, but with the intensity, technology and knowledge that are provided daily in hospitals. And here, the best educated and prepared to lead this change are the Home Hospitalization Units.

This program is oriented to delve into all those aspects that make home hospitalization unique and different from other specialties in which physiotherapy intervenes, but also to show the weaknesses and opportunities for the future that still lie ahead, taking advantage of new educational technologies.

The content is presented in a rigorous way with the latest scientific evidence and clinical cases which help to increase knowledge, with the aim of sharing experiences and new techniques that are already used by physiotherapist colleagues in the various Home Hospitalization Units around the world.

This **Master's Degree 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 home hospitalization, complex chronic patient management and palliative care
- 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 information on the role of physiotherapists and nurses in home hospitalization
- It contains 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
- All of this will be complemented by 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



Take advantage of the moment and update yourself on the latest developments in alternatives to conventional hospitalization. Home hospitalization is the future of physiotherapy"

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This Master's Degree is the best investment you can make to acquire the best and most up to date education in home hospitalization"

The 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 professional and teaching experience that they deliver in an extraordinary way in this Master's Degree.

The methodological design of this program, 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 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 in this Master's Degree, each of the contents generated, as well as the videos, self-evaluations, clinical cases and exams, have been thoroughly reviewed, brought up-to-date, and integrated by the team of experts that make up the faculty. This is to ensure that the learning process is orderly and instructive in order to achieve the program's objectives.

It is the best program in the educational panorama for its quality-price ratio in home hospitalization from a physiotherapeutic perspective.

Don't miss the opportunity and get up to date on the advances in alternative treatment and hospitalization for complex chronic patients in order to incorporate them into your daily physiotherapist practice.



02 Objectives

The main objective of this program 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 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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This program will provide you with a sense of confidence in your physiotherapist practice, which will help you grow both personally and professionally”



General Objective

- Bring the physiotherapists' knowledge up to date using the best scientific evidence, for the management of illnesses and patients in the field of home hospitalization, as an efficient and effective alternative to conventional hospitalization

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Take the opportunity and take the step to get up to date on the latest developments in Home Hospitalization”





Specific Objectives

Module 1. Organization of Home Hospitalization

- ♦ Develop skills for the implementation of care plans to prevent these pathologies
- ♦ Assess and interpret the characteristics and special conditions of patients with hospital needs, but in their home
- ♦ 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

Module 2. General Aspects Research and Teaching

- ♦ Assess patient for admission or transfer to primary care
- ♦ Manage discharges, transfers and hospital readmissions
- ♦ Manage cases according to medical history and legality

Module 3. Care for Different Specific Types of Patients

- ♦ Identify needs according to patient age
- ♦ Manage complex chronic patients
- ♦ Address psychiatric patients by managing the particularities of mental health monitoring at home

Module 4. Management of Subsidiary Syndromes at Home

- ♦ Integrate knowledge of admission and exclusion criteria
- ♦ Manage the main symptoms and complications in post-surgical patients
- ♦ Diagnose and apply the adjusted treatment of diseases with their own characteristics at home

Module 5. Management of Infections at Home Criteria for Admission and Exclusion, Management, Discharge Criteria

- ♦ 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

Module 6. Palliative Care in Oncological Patients

- ♦ Explain the most common pathogenic mechanisms and neoplasms associated with the advanced palliative needs
- ♦ To highlight the need to consider vaccination in patients with special needs in order to reduce the burden of disease
- ♦ Highlight palliative needs as one of the fields which has progressed the most in home hospitalization

Module 7. Pain Management in Home Hospitalization

- ♦ Gain an in-depth understanding of the most innovative clinical, diagnostic and therapeutic elements of diseases in the home
- ♦ Be able to apply the latest techniques for pain management of hospitalized patients at home

Module 8. Nutrition in Home Hospitalization

- ♦ Know the nutritional assessment scales
- ♦ Specialize in the most appropriate nutrition for the different types of diseases that can be treated in home hospitalization

Module 9. Special Treatments

- ♦ Highlight the need to consider vaccination in patients with special needs in order to reduce the burden of disease
- ♦ Apply the specific treatments required by patients at home, whether in terms of medication, catheterization, serum therapy, etc



**Module 10. Pediatric Patient in Home Hospitalization**

- ♦ Provide the necessary coping skills for the managing hospitalization stress in early stages of life
- ♦ Complete the specific home assessment involving the family
- ♦ Process procedures, classification and specific considerations for the pediatric patient

Module 11. Preventative Medicine in Home Hospitalization

- ♦ Justify the importance of chronic disease management in times of stability for the reduction of morbidity and mortality, emergency room visits and conventional admissions
- ♦ Add knowledge about germs and measures against them at home
- ♦ Implement different treatments according to therapeutic suitability

Module 12. Therapeutic Techniques

- ♦ Highlight palliative needs as one of the fields which has progressed the most in home hospitalization
- ♦ Develop the concept of dignified death, nursing care and accompaniment during the last moments of life
- ♦ Integrate knowledge of the latest therapeutic techniques in the field of home nursing

Module 13. Diagnostic Techniques

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

03 Skills

Once all the contents have been studied and the objectives of the Master's Degree in Home Hospitalization have been achieved, the professionals in this field will possess superior expertise, supporting their daily physiotherapist practice in the most important scientific advances of today. This will be achieved with a multidisciplinary and integrative approach in the management of patients needing treatment or those needing hospital intensity management at home, which will see them become a leading professional in their field.





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With this program you will be able to master the new concepts in non-conventional hospitalization and efficiently care for complex chronic patients”



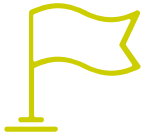
General Skills

- Apply epidemiological and clinical methods in collective or individual care to solve the main health problems related to health at home
- Perform a critical reading of the scientific literature on these diseases and at the same time have the tools to communicate research results
- Collect, process and analyze in very diverse clinical and epidemiological contexts, any scientific information for diagnostic and therapeutic decision-making in the field of home hospitalization specifically and health care in general
- Develop learning to learn as one of the most important skills for any professional nowadays, who is obliged to constantly train and improve his or her professional skills due to the dizzying and accelerated process of scientific knowledge production

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Improve patient care by taking advantage of the opportunity offered by this Master's Degree in Home Hospitalization"





Specific Skills

- ♦ Increase diagnostic and therapeutic capabilities for dealing with complex chronic diseases and the general health care of patients in their homes, through the in-depth study of the epidemiological, clinical, pathophysiological, diagnostic, and therapeutic elements of these diseases
 - ♦ Hone skills to manage, advise, or lead multidisciplinary teams to care for complex patients in communities or individual patients, as well as scientific research teams
 - ♦ Develop skills for self-improvement, in addition to being able to provide education and professional improvement activities due to the high level of scientific and professional preparation acquired with this program
 - ♦ Educate the population in the field of complex chronic diseases in order to acquire and develop a culture of prevention in the population, based on healthy lifestyles
 - ♦ Understand the biological, epidemiological and social determiners which make chronic diseases the most prolific diseases in our society and their impact on the rates of morbidity and mortality
 - ♦ Identify and analyze the latest scientific information in home-based care, in order to design plans and programs to control it
 - ♦ Apply existing control measures to prevent the flare-up of these diseases and the strain on emergency services
 - ♦ Evaluate the epidemiological aspects related to chronic diseases that will allow them to implement actions for their control in the community, in real and/or simulated conditions
- ♦ Timely diagnosis, based on clinical manifestations, of the most frequent or new diseases in order to ensure their correct treatment, rehabilitation and control
 - ♦ Justify the importance of vaccination as an important public health measure for the control of flare-ups of diseases or the appearance of new diseases relating to those pre-existing ones
 - ♦ Identify the occupational, social, and environmental risk factors that favor the development of these diseases in the community
 - ♦ Identify the main clinical syndromes susceptible to home-based control and treatment
 - ♦ Apply prevention and control measures to reduce morbidity and mortality in chronic diseases
 - ♦ Master the control of symptoms in diseases with palliative care needs
 - ♦ Master the correct physiotherapist-patient relationship, bringing humanity to it
 - ♦ Educate the community on the prevention of flare-ups and how to control them
 - ♦ Identify the fundamental aspects of the pathogenesis and the main clinical features of the diseases studied
 - ♦ Halt the progression of antibiotic resistance, based on reasoned treatment and supported by the best scientific evidence
 - ♦ Develop skills for practising diagnostic and therapeutic techniques in the home

04

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 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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Learn from leading professionals the latest advances in home hospitalization from a physiotherapeutic perspective"

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

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- ♦ Attending Physician in Pain Unit Ribera University Hospital
- ♦ Professor on the Master's Degree in Urgent and Emergency Care European University of Valencia

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- ♦ Degree in Medicine and Surgery from the University of Reus Spain
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Dr. Duart Clemente, Cristina

- ♦ Degree in Medicine and Surgery from the University of Valencia. Spain
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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

- ♦ Assistant Physician of the Home Hospitalization and Palliative Care Unit at La Fe Hospital
- ♦ Specialist in Family and Community Medicine
- ♦ Specialist in Home Hospitalization and Palliative Care
- ♦ Degree in Medicine and Surgery from the University of Mendoza, Argentina
- ♦ University Expert in Pain

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

05

Structure and Content

The teaching program has been created by a group of professors and professionals in physiotherapy and medicine, 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 education and professional development to improve the daily clinical practice of professionals who care for patients or populations in the community who are hospitalized at home.



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This Master's Degree in Home Hospitalization contains the most complete and up-to-date scientific program on the market”

Module 1. Organization of Home Hospitalization

- 1.1. Introduction and Justification
 - 1.1.1. Introduction
 - 1.1.2. Justification
- 1.2. History of Home Hospitalization
 - 1.2.1. Historical Recap
 - 1.2.2. Reference Units
 - 1.2.3. The Present and Future of Home Hospitalization
- 1.3. Organizational Models
 - 1.3.1. Hospital-Based Home Care
 - 1.3.2. Care Based on Primary Care
 - 1.3.3. Support Service at Home
- 1.4. Differences Between HH and Home Care from Primary Care and Other Models of Home Care (HDOM)
 - 1.4.1. HH
 - 1.4.2. Home Care Models
- 1.5. Evidence-Based Medicine
 - 1.5.1. Advantages and Disadvantages of the HaD Model in Relation to Conventional Hospitalization
- 1.6. Portfolio of services
 - 1.6.1. Early Discharge Scheme
 - 1.6.2. High-Tech Scheme
 - 1.6.3. Support Function Scheme
- 1.7. General Criteria for Inclusion and Exclusion
 - 1.7.1. Wilfulness
 - 1.7.2. Social criteria
 - 1.7.3. Geographical Criteria
 - 1.7.4. Medical Criteria

- 1.8. Integration with Different Care Levels
 - 1.8.1. Primary Care
 - 1.8.2. Emergencies
 - 1.8.3. Conventional Hospitalization
 - 1.8.4. Social-Health Centers
 - 1.8.5. Residences
- 1.9. Structure and Resources of HH
 - 1.9.1. Structure of HH
 - 1.9.2. Resources in HH

Module 2. General Aspects: Research and Teaching

- 2.1. Process Management
 - 2.1.1. Pre-Admission Assessment
 - 2.1.2. Admission
 - 2.1.3. Discharge and Transfer to Primary Care
 - 2.1.4. Re-admission
 - 2.1.5. Case Management
- 2.2. Electronic Medical History, Peculiarities of HH (Mobility and Accessibility)
 - 2.2.1. Telemedicine
- 2.3. BORRAR
 - 2.3.1. Legal Situation in Spain
- 2.4. Quality Indicators
 - 2.4.1. Management Indicators
 - 2.4.2. Clinical Indicators
- 2.5. Research in HH
 - 2.5.1. Future and Present Lines of Work in the HaD
- 2.6. Undergraduate and Postgraduate Teaching
 - 2.6.1. Undergraduate Teaching
 - 2.6.2. Postgraduate Teaching
- 2.7. Future Perspectives
 - 2.7.1. Future Challenges

- 2.8. Telemedicine
 - 2.8.1. Concept and Considerations
- 2.9. Case Management
 - 2.9.1. Nursing Management of Hospital Cases
 - 2.9.2. Nursing Management of Community Cases
 - 2.9.3. Management of Medicine-Based Cases

Module 3. Care for Different Specific Types of Patients

- 3.1. Fragile Geriatric Patient
 - 3.1.1. Peculiarities in a Geriatric Patient
 - 3.1.2. Relationship Model with Assisted Care Residences
 - 3.1.3. Treatment of Geriatric Patients
- 3.2. Complex Chronic Patient
 - 3.2.1. Definition
 - 3.2.2. Management Models for Complex Chronic Patients
 - 3.2.3. Terminal Criteria
- 3.3. Palliative Patient
 - 3.3.1. Differences Between an Oncologic or Non-Oncologic Palliative Patient
 - 3.3.2. Terminal Criteria
 - 3.3.3. Management Models for Palliative Patients
- 3.4. Polyfrequency Patients
 - 3.4.1. Case Management
- 3.5. Home-Based Antibiotic Therapy
 - 3.5.1. General Aspects
 - 3.5.2. Home Intravenous Antibiotic Therapy
- 3.6. Psychiatric Patient
 - 3.6.1. Peculiarities of Home-Based Mental Health Monitoring
- 3.7. Pediatric Patient
 - 3.7.1. Considerations in a Pediatric Patient

Module 4. Management of Subsidiary Syndromes at Home

- 4.1. Heart Failure
 - 4.1.1. Criteria for Admission and Exclusion
 - 4.1.2. Management of Treatment and Symptoms in the Home
 - 4.1.3. Criteria for Discharge
- 4.2. COPD
 - 4.2.1. Criteria for Admission and Exclusion
 - 4.2.2. Management of Treatment and Symptoms in the Home
- 4.3. Caring for a Patient Post-Surgery
 - 4.3.1. Criteria for Admission and Exclusion
 - 4.3.2. Management of the Main Symptom and Complications in Patients Post-Surgery
- 4.4. Neurological Patient
 - 4.4.1. Dementia
 - 4.4.2. Multiple Sclerosis
 - 4.4.3. ALS
- 4.5. DVT and PE
 - 4.5.1. Home-Based Diagnosis
 - 4.5.2. Treatment Adjusted to the Home
 - 4.5.3. Admission Criteria in Conventional Hospitalization
- 4.6. Home-Based Rehabilitation Loss of Functionality Fractures
 - 4.6.1. Scales of Functionality
 - 4.6.2. Possibilities for Home-Based Rehabilitation
- 4.7. Nephrourological Syndromes
 - 4.7.1. Pyelonephritis
 - 4.7.2. Urinary Tract Infections
 - 4.7.3. Prostate Disease
 - 4.7.4. Acute and Chronic Kidney Disease
- 4.8. Patient with Digestive Diseases
 - 4.8.1. Cirrhosis
 - 4.8.2. Hepatic Encephalopathy
 - 4.8.3. Small Intestine

Module 5. Management of Infections at Home Criteria for Admission and Exclusion, Management, Discharge Criteria

- 5.1. Pneumonia
 - 5.1.1. Diagnosis
 - 5.1.2. Home-Based Management
 - 5.1.3. Bronchoaspirations Prevention and Management
- 5.2. Infections of the Urinary Tract
 - 5.2.1. Pyelonephritis
 - 5.2.2. Urinary Tract Infections
 - 5.2.3. Prostatitis
- 5.3. Intra-Abdominal Infections
 - 5.3.1. Liver Abscesses
 - 5.3.2. Post-Surgery Abscesses
 - 5.3.3. Cholecystitis and Cholangitis
 - 5.3.4. Diverticulitis
 - 5.3.5. Infectious Pancreatitis
- 5.4. Abscesses.
 - 5.4.1. General Aspects
 - 5.4.2. Treatment
 - 5.4.3. Types of Cure
- 5.5. Soft Tissue Infections
 - 5.5.1. Concept
 - 5.5.2. Classification
- 5.6. Infection of Surgical Wounds
 - 5.6.1. Concept
 - 5.6.2. Classification
- 5.7. Osteomyelitis
 - 5.7.1. Concept
 - 5.7.2. Classification

- 5.8. Endocarditis
 - 5.8.1. Concept
 - 5.8.2. Classification
- 5.9. Prosthesis and Intra-Vascular Device Infections
 - 5.9.1. Concept
 - 5.9.2. Classification
- 5.10. Febrile Neutropenia
 - 5.10.1. Diagnosis
 - 5.10.2. Treatment

Module 6. Palliative Care in Oncological Patients

- 6.1. Comprehensive Assessment in Palliative Care
 - 6.1.1. Medical History Model in Palliative Care
 - 6.1.2. Anamnesis in Palliative Care
 - 6.1.3. The Importance of Family and Social Circumstances in a Comprehensive Assessment
- 6.2. Assessment Scales in Palliative Care
 - 6.2.1. ECOG
 - 6.2.2. Barthel
 - 6.2.3. Karnofsky
 - 6.2.4. VAS
 - 6.2.5. Edmonton Symptom Assessment Scale
 - 6.2.6. Gijón Scale
 - 6.2.7. Family Apgar
 - 6.2.8. Pfeiffer
 - 6.2.9. Nutritional Assessment
- 6.3. Continuous Care Models in Palliative Oncology Patients
 - 6.3.1. Palliative Patients
 - 6.3.2. Models

- 6.4. Pain Management in Palliative Care
 - 6.4.1. Analgesic Ladder
 - 6.4.2. First Step
 - 6.4.3. Second Step
 - 6.4.4. Third Step
 - 6.4.5. Coadjuvants
- 6.5. Control of Dyspnea
 - 6.5.1. Diagnosis
 - 6.5.2. Etiology
 - 6.5.3. Home-Based Management
- 6.6. Delirium Control
 - 6.6.1. Diagnosis
 - 6.6.2. Etiology
 - 6.6.3. Home-Based Management
- 6.7. Nausea and Vomiting Control
 - 6.7.1. Diagnosis
 - 6.7.2. Etiology
 - 6.7.3. Home-Based Management
- 6.8. Alterations in Intestinal Rhythm Diarrhea and Constipation
 - 6.8.1. Diagnosis
 - 6.8.2. Etiology
 - 6.8.3. Home-Based Management
- 6.9. Anorexia-Cachexia
 - 6.9.1. Diagnosis
 - 6.9.2. Etiology
 - 6.9.3. Home-Based Management
- 6.10. Anxiety-Insomnia
 - 6.10.1. Diagnosis
 - 6.10.2. Etiology
 - 6.10.3. Home-Based Management

- 6.11. Situation in a Patient's Last Days and Palliative Sedation
 - 6.11.1. Terminal Criteria
 - 6.11.2. Palliative Sedation vs. Passive Euthanasia vs. Active Euthanasia
 - 6.11.3. Home-Based Management
- 6.12. Grief and Family Care
 - 6.12.1. Grief
 - 6.12.2. Family Circle
- 6.13. Spanish and European Legality on Palliative Care
 - 6.13.1. Legal Aspects of Palliative Care in Europe
 - 6.13.2. Legal Aspects of Palliative Care in Spain
- 6.14. Anticipated Wishes
 - 6.14.1. Definition
 - 6.14.2. Most Important Aspects to Take Into Account

Module 7. Pain Management in Home Hospitalization

- 7.1. Pain Management
 - 7.1.1. General Aspects
 - 7.1.2. Considerations in the Home
- 7.2. Scales and Assessment of Patient in Pain
 - 7.2.1. Classification
 - 7.2.2. Patient Assessment
- 7.3. First-Line Analgesic Treatment
 - 7.3.1. Treatment
 - 7.3.2. Procedures in the Home
- 7.4. 2nd Line Analgesic Treatment
 - 7.4.1. Treatment
 - 7.4.2. Procedures in the Home

- 7.5. Third Step Treatment Opioids
 - 7.5.1. Treatment
 - 7.5.2. Procedures in the Home
- 7.6. Coadjuvants
 - 7.6.1. Classification
 - 7.6.2. Procedures
- 7.7. Interventional Pain Management
 - 7.7.1. Interconsultation
 - 7.7.2. Procedures in the Home
- 7.8. Current Legality in the Management of Opioid Analgesics
 - 7.8.1. Current Spanish Legal Framework

Module 8. Nutrition in Home Hospitalization

- 8.1. Nutritional Assessment Scales
 - 8.1.1. MUST
 - 8.1.2. MNA
 - 8.1.3. Laboratory Parameters
 - 8.1.4. Clinical Parameters
- 8.2. Dysphagia
 - 8.2.1. Diagnosis
 - 8.2.2. Etiology
 - 8.2.3. Home-Based Management
- 8.3. Oncology Patients
 - 8.3.1. Nutritional Needs in Oncology Patients
 - 8.3.2. Peculiarities
- 8.4. Geriatric Patient
 - 8.4.1. Nutritional Needs in Geriatric Patients
 - 8.4.2. Peculiarities
- 8.5. Patient with Infectious Diseases
 - 8.5.1. Nutritional Needs in Infectious Patients
 - 8.5.2. Peculiarities

- 8.6. Enteral Nutrition at Home
 - 8.6.1. Types of Nutrition
 - 8.6.2. Normocaloric- Normoprotein
 - 8.6.3. Hyperproteic-Hypercaloric
 - 8.6.4. Hyperproteic-Normocaloric
 - 8.6.5. Special Supplementation
- 8.7. Parenteral Home Nutrition
 - 8.7.1. Types of Nutrition
 - 8.7.2. Probes

Module 9. Special Treatments

- 9.1. Serotherapy and EV Medication
 - 9.1.1. Peripheral Routes
 - 9.1.2. Central Routes
 - 9.1.3. Drug Combinations
- 9.2. Administration of Blood Products
 - 9.2.1. Red blood Cell Concentrates
 - 9.2.2. Platelet Pool
 - 9.2.3. Plasma
 - 9.2.4. Protocols for Transfusion of Blood Derivatives at Home
- 9.3. Subcutaneous Medication
 - 9.3.1. Elastomeric Infusers
 - 9.3.2. Treatment with the Possibility of Subcutaneous Administration
 - 9.3.3. Drug Combinations
- 9.4. Chemotherapy at Home
 - 9.4.1. Classification
 - 9.4.2. Considerations
- 9.5. Intravenous Treatment on Home Perfusion Pump
 - 9.5.1. Classification
 - 9.5.2. Considerations

- 9.6. Bladder and Digestive Probes
 - 9.6.1. Home Replacement Protocols
 - 9.6.2. Technical Videos
- 9.7. PEG Replacement
 - 9.7.1. Home Replacement Protocols
 - 9.7.2. Technical Videos
- 9.8. Tracheostomy Replacement
 - 9.8.1. Home Replacement Protocols
 - 9.8.2. Technical Videos
- 9.9. Obtaining and Transporting Samples: analytical, cultures, etc.

Module 10. Pediatric Patients in Home Hospitalization

- 10.1. Introduction
 - 10.1.1. Pediatric Patient Particularities
- 10.2. Specific Pediatric Assessment at Home
 - 10.2.1. Considerations
- 10.3. Pediatric Oncology
- 10.4. Infections in Pediatrics
 - 10.4.1. Classification
 - 10.4.2. Procedures
- 10.5. Congenital Diseases
 - 10.5.1. Classification
 - 10.5.2. Considerations
- 10.6. Legality in Pediatric Patient Care
 - 10.6.1. Spanish Legal Framework
 - 10.6.2. Considerations

Module 11. Preventative Medicine in Home Hospitalization

- 11.1. Preventative Medicine
 - 11.1.1. Concepts and Overviews
- 11.2. Hygiene
 - 11.2.1. Considerations
 - 11.2.2. Procedures in the Home
- 11.3. Colonization in Infection by Multiresistant Germs Home Measurements
 - 11.3.1. Colonization
 - 11.3.2. Multiresistant Germs
 - 11.3.3. Home Measurements
- 11.4. Adequacy of Antibiotic Treatment at Home
 - 11.4.1. Types of Treatment
 - 11.4.2. Therapeutic Suitability
- 11.5. Vaccination in Special Patients
 - 11.5.1. Vaccines
 - 11.5.2. Special Patients

Module 12. Therapeutic Techniques

- 12.1. Paracentesis
 - 12.1.1. Procedure
 - 12.1.2. Home Paracentesis
- 12.2. Thoracentesis
 - 12.2.1. Procedure
 - 12.2.2. Home Thoracentesis
- 12.3. Arthrocentesis
 - 12.3.1. Procedure
 - 12.3.2. Home Arthrocentesis
- 12.4. Oxygen Therapy
 - 12.4.1. Procedure
 - 12.4.2. Home Oxygen Therapy
- 12.5. Aerosol Therapy
 - 12.5.1. Procedure
 - 12.5.2. Home Aerosol Therapy
- 12.6. Mechanical Ventilation
 - 12.6.1. Procedure
 - 12.6.2. Home Mechanical Ventilation





Module 13. Diagnostic Techniques

- 13.1. ECG
 - 13.1.1. Procedure
 - 13.1.2. ECG at Home
- 13.2. Ultrasound
 - 13.2.1. Procedure
 - 13.2.2. Ultrasound at Home
- 13.3. Pulsioximetry
 - 13.3.1. Procedure
 - 13.3.2. Pulsioximetry at Home
- 13.4. Analysis
 - 13.4.1. Procedure
 - 13.4.2. Blood Analysis at Home
- 13.5. Cultures
 - 13.5.1. Procedure
 - 13.5.2. Blood Analysis at Home
- 13.6. Scales (Functional, Cognitive, Nutritional Assessment, etc.)
 - 13.6.1. Procedure
 - 13.6.2. Classification



Take the opportunity to learn about the latest advances in this area in order to apply it to your daily practice."

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. 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 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

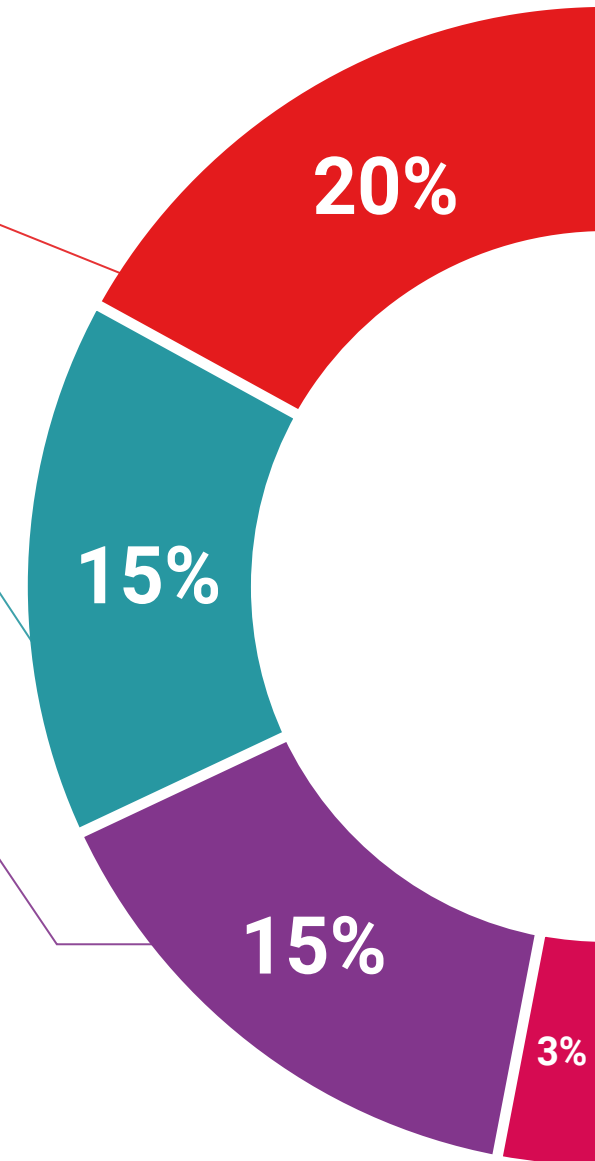
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

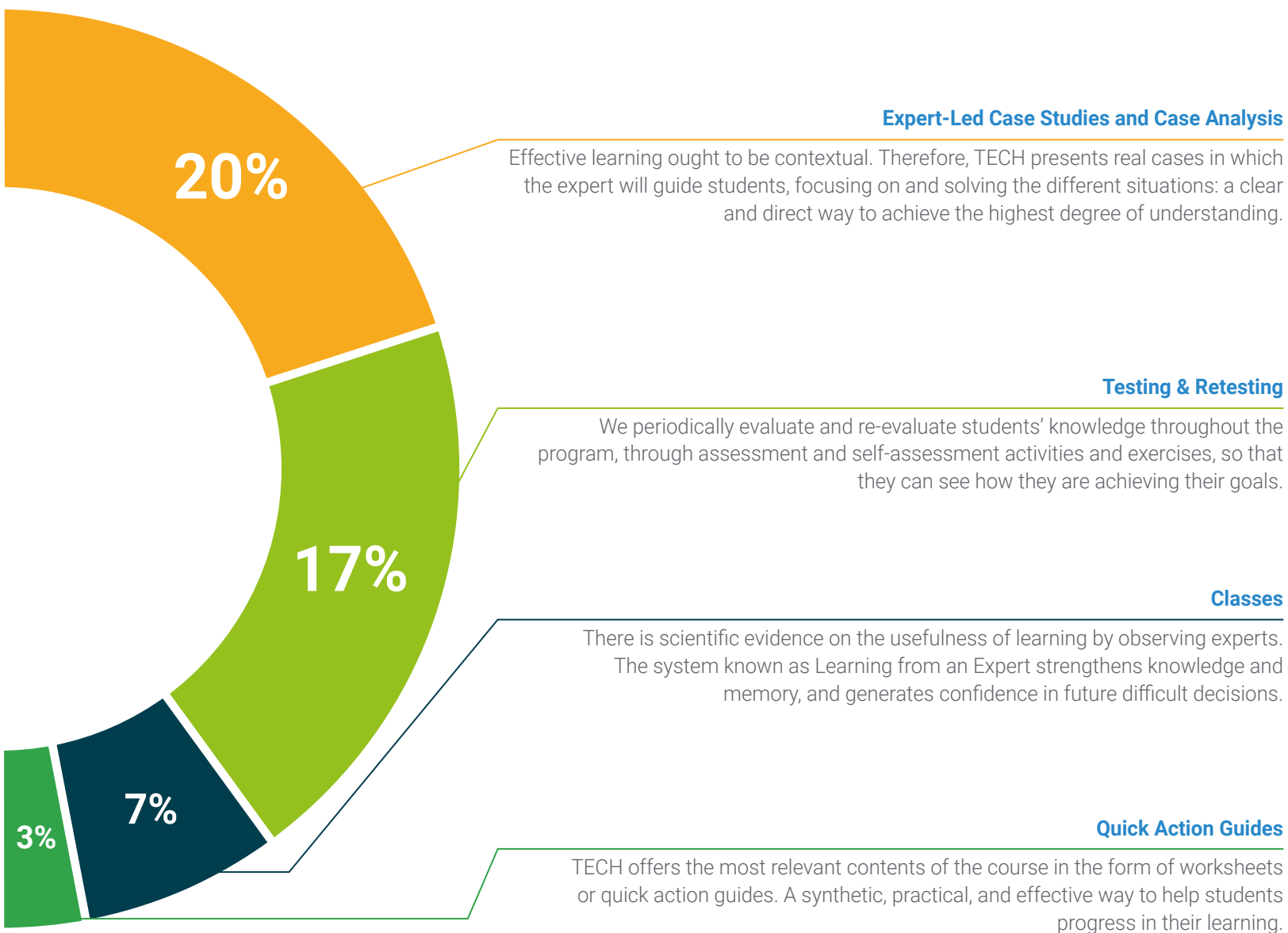
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



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.





07 Certificate

The Master's Degree in Home Hospitalization guarantees students, in addition to the most rigorous and up-to-date education, access to a Master's Degree issued by TECH Global University.



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

This private qualification will allow you to obtain a **Master's Degree diploma in Home Hospitalization** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

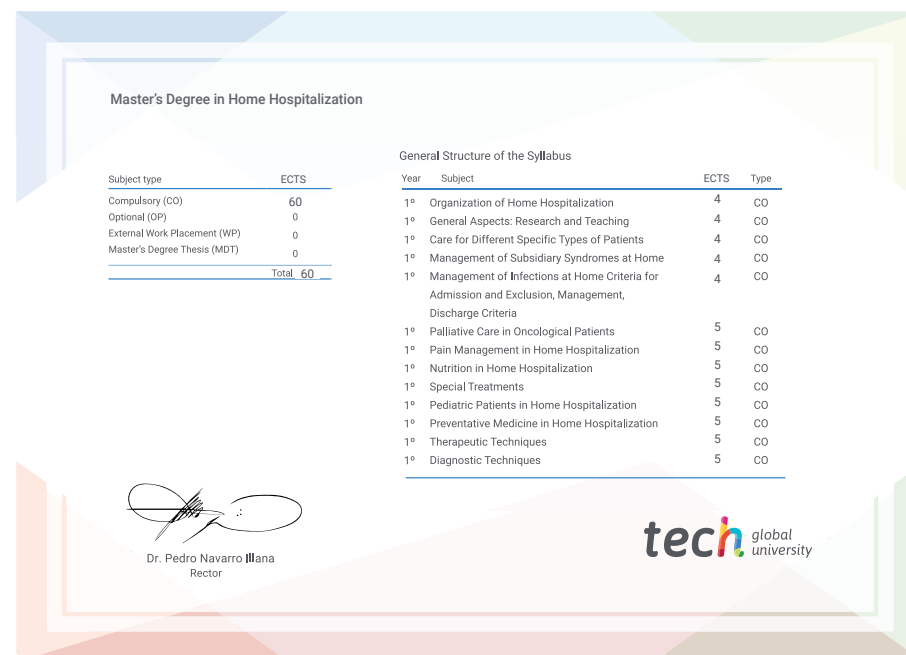
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Master's Degree in Home Hospitalization**

Modality: **online**

Duration: **12 months**

Accreditation: **60 ECTS**



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



Master's Degree Home Hospitalization

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Global University
- » Credits: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

Master's Degree

Home Hospitalization

