

# Professional Master's Degree

## Home Hospitalization for Nursing





## Professional Master's Degree Home Hospitalization for Nursing

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

Website: [www.techtute.com/us/nursing/professional-master-degree/master-home-hospitalization-nursing](http://www.techtute.com/us/nursing/professional-master-degree/master-home-hospitalization-nursing)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Skills

---

*p. 12*

04

Course Management

---

*p. 16*

05

Structure and Content

---

*p. 22*

06

Methodology

---

*p. 32*

07

Certificate

---

*p. 40*

# 01

# Introduction

Health care has advanced intensively in recent years. The overall quality approach, which includes not only the medical but also the emotional well-being of the patients, has brought about a change in the way care work is carried out. In this sense, home hospitalization is an advance that makes it possible to treat certain ailments at home, avoiding the need to travel to the hospital, which translates into an advantage in terms of occupancy and patient comfort. This Professional Master's Degree has been created to provide nursing staff with the necessary skills to work in this type of care.





A close-up photograph of human skin, showing fine hairs and a small, dark, circular mark. A blue medical wire is visible in the lower-left corner, partially obscured by the skin's texture. The image is set against a background of diagonal stripes in shades of green and white.

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*This Professional Master's Degree has been created to provide nursing staff with the necessary skills to work in this type of care”*

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

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.

Our patients and users, to whom we owe it to ourselves, have already experienced the change that we have been hearing about year after year for decades from the various medical societies and healthcare managers. As we have seen, we have an ageing society with exacerbated chronic problems and out-of-hospital care needs but with the intensity, technology and knowledge that is provided daily in our hospitals. And here, the best prepared to lead this change are the Home Hospitalization Units.

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

This **Professional Master's Degree in Home Hospitalization for Nursing** contains the most complete and up-to-date scientific programme on the market. The most important features of the program include:

- ◆ More than 100 practical cases presented by experts in home hospitalization, complex chronic patient management and palliative care..
- ◆ The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice.
- ◆ Latest information on the role of the nursing professional 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 Nurses and research methodologies in home hospitalization..
- ◆ All 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.



*Everything the nursing professional must master in order to attend to all the needs of the patient in home care in a Professional Master's Degree of high teaching quality"*

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*With the most developed learning systems on the educational scene, to offer you a comfortable, simple and stimulating learning experience from start to finish"*

The teaching staff is made up of prestigious and renowned 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 Professional Master's Degree.

The methodological design of this Professional Master's Degree has been developed by a multidisciplinary team of e-learning experts. It integrates the latest advances in educational technology for the creation of numerous multimedia educational tools that allow the professional, based primarily on the problem based learning method, to address real problems in their daily clinical practice. This will allow them to advance by acquiring knowledge and developing skills that will impact their future professional work.

It should be noted in this Professional Master's Degree that each of the contents generated, as well as the videos, self-evaluations, clinical cases and exams, have been thoroughly reviewed, updated, and integrated by the teachers and the team of experts that make up the working group, to facilitate the learning process with a step-by-step approach in order to achieve the teaching program objectives.

*Put yourself in the hands of the best and bring to your training the knowledge of an expert in this type of health intervention.*

*Acquire the necessary knowledge to apply all the care that the chronic patient with home hospitalization needs, with the peculiarities of care in the patient's own home.*





# 02 Objectives

With this Professional Master's Degree you will acquire the most up-to-date and innovative scientific knowledge in the field of home hospitalization, the management of complex chronic patients and diseases with palliative needs and their treatment, enabling you to develop the skills that will turn your daily clinical practice into a bastion of the standards of the best available scientific evidence, with a critical, innovative, multidisciplinary and integrative sense.







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*Our aim is to give you the best training in this field, so that you can practise as an expert and give your patients the highest quality of care"*



## General Objective

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- Bring the doctor's 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.



*This Professional Master's Degree is the best way to get up to date in Home Hospitalization for Nursing"*





## Specific objectives

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- ♦ Provide students with advanced, in-depth, updated, and multidisciplinary information that allows them to comprehensively approach the process of health and illness in the home..
- ♦ Provide training and practical theoretical improvement that will enable a reliable clinical diagnosis supported by the efficient use of diagnostic methods to indicate an effective integral treatment..
- ♦ Develop skills for the implementation of care plans for the prevention of these pathologies.
- ♦ Assess and interpret the characteristics and special conditions of patients with hospital needs, but in their home.
- ♦ Explain the care of complex chronic patients from the home, in order to avoid and/ or reduce the severity of flare-ups.
- ♦ Identify the important role of the management figure in cases both in hospital as well as in the community.
- ♦ Highlight the importance of morbidity and mortality due to multi-resistant infections in complex patients with special needs.
- ♦ Explain the most common pathogenic mechanisms and neoplasms associated with the advanced palliative needs.
- ♦ Study the current pathophysiological elements between non-transmissible chronic diseases and infections.
- ♦ Gain an in-depth understanding of the most innovative clinical, diagnostic and therapeutic elements of diseases in the home..
- ♦ Identify the main clinical syndromes which are possible to treat and monitor from home hospitalization..
- ♦ Justify the importance of chronic disease management in times of stability for the reduction of morbidity and mortality, emergency room visits and conventional admissions..
- ♦ 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 in the last moments of life.
- ♦ Highlight the need to consider vaccination in patients with special needs in order to reduce the burden of disease..



# 03 Skills

Once you have studied all the contents and achieved the objectives of the **Professional Master's Degree in Home Hospitalization for Nursing**, the professional will be able to have a better competence and performance, supporting their daily nursing practice in the most important scientific advances of the moment, with a multidisciplinary and integrated approach to the management of patients with treatment needs or management of hospital intensity at home, which will make him/her an obligatory reference in his/her field of action.





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*Master all the protocols and techniques of home care with a Professional Master's Degree focused on hands-on learning that will propel you to excellence in your profession"*

After passing the program, the specialist will be able to:



### Basic Skills

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- ♦ 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 clinical infectious diseases specifically and health in general.
- ♦ Develop learning to learn as one of the most important skills for any modern professional, who is obliged to constant professional training and improvement due to the speed at which scientific knowledge is being produced.



### General Skills

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- ♦ 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 training 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..





## Specific Skills from the Degree

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- ♦ 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 favour 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 knowledge of the correct doctor-patient relationship, bringing humanization into the process..
- ♦ 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..



*Act with the confidence of a nursing specialist in home hospitalization"*

# 04

# Course Management

The teaching staff includes prestigious and renowned medical specialists, Professional Master's Degree 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 teaching staff is made up of a multidisciplinary team of nursing and medical professionals in their multiple specialities, such as internal medicine, family medicine, palliative medicine, preventive medicine, among others.



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*Put yourself in the hands of the best professionals in the sector and learn first-hand everything you need to know about the reality of this exciting profession"*



## 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 diploma in Palliative Care. International University of La Rioja.
- ♦ Specialist diploma 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 Professional 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

### Ms. Amoros Cantero, Aurora

- ♦ University Diploma in Nursing. University of Valencia.
- ♦ Nurse, Preventive Medicine Service. Ribera University Hospital

### Dr. Alina Clep, Camelia

- ♦ Degree in Medicine and Surgery from the University "Iuliu-Hatieganu", Cluj-Napoca Romania.
- ♦ Specialist in Internal Medicine Ribera University Hospital Alzira Spain.
- ♦ Attending Physician of the Home Hospitalization and Palliative Care Unit
- ♦ Specialist diploma in Palliative Care. International University of La Rioja.
- ♦ Master's Degree in Chronic Diseases. University of Barcelona.
- ♦ Member of Spanish Society of Internal Medicine..
- ♦ Member of the Spanish Society of Home Hospitalization.
- ♦ Member of the Spanish Society of Palliative Care

### Ms. Alcover Pons, Marta

- ♦ University Diploma in Nursing. University of Valencia.
- ♦ Nurse, Preventive Medicine Service. Ribera University Hospital Alzira

### 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. 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

### Dr. Ciancotti Oliver, Lucía

- ♦ Degree in Medicine and Surgery from the University of Valencia Spain.
- ♦ Specialist in Family and Community Medicine Lluís Alcanyis Hospital
- ♦ Specialist in Preventive Medicine, Public Health and Hygiene. Dr Peset Hospital 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.

### Mr. García-Noblejas Julià, Pablo

- ♦ University Diploma in Nursing.. University of Valencia. Spain.
- ♦ Attending Physician of the Home Hospitalization and Palliative Care Unit Ribera University Hospital
- ♦ Master's Degree in Hospital Management. Catholic University of Valencia. Spain.

### 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.

**Ms. Marqués Aguilar, Elvira**

- ♦ University Diploma in Nursing. University of Valencia. La Fe Campus Spain
- ♦ Master's Degree in School Health.
- ♦ Case manager for complex chronic patients. Valencia School of Health Studies.
- ♦ Nursing Supervisor, 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

**Ms. Sanchis Aguilar, Paula**

- ♦ University Diploma in Nursing.
- ♦ Attending Physician of the Home Hospitalization and Palliative Care Unit Ribera University Hospital
- ♦ Case manager for complex chronic patients. EVES.

**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 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

**Ms. Vila Herranz, Mireia**

- ♦ University Diploma in Nursing. Catholic University of Valencia. Spain.
- ♦ University Course on Terminal Illness and Palliative Care for Nurses.
- ♦ Attending Physician of the Home Hospitalization and Palliative Care Unit
- ♦ Lecturer in Palliative Care training courses. EVES.



05

# Structure and Content

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



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*The most complete syllabus in this field, to take you step by step through all the learning you need to do your job competently"*

## 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. Legal Framework
  - 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 Symptoms 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 Emergencies
  - 4.7.1. Pyelonephritis
  - 4.7.2. Urinary tract pathologies.
  - 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. Short 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. Treatments.
  - 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 Devices Infections.
  - 5.9.1. Concept
  - 5.9.2. Classification
- 5.10. Febrile neutropenia.
  - 5.10.1. Diagnosis
  - 5.10.2. Therapeutics.

## 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. Gijon 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
  - 6.5.1. Etiology
  - 6.5.1. 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 Diarrhoea 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. Advance Directives.
  - 6.14.1. Definition
  - 6.14.2. Most Important Asepcts 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. Therapeutics.
  - 7.3.2. Procedures in the Home.
- 7.4. 2nd Line Analgesic Treatment.
  - 7.4.1. Therapeutics.
  - 7.4.2. Procedures in the Home.
- 7.5. Third Step Treatment Opioids
  - 7.5.1. Therapeutics.
  - 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. Hypercaloric- Hyperprotein.
  - 8.6.4. Hyperprotein- Normocaloric.
  - 8.6.5. Special Supplementation
- 8.7. Parenteral Home Nutrition.
  - 8.7.1. Types of nutrition.
  - 8.7.2. Probes

## Module 9. Nursing Care in Home Hospitalization

- 9.1. Nursing Assessment. Scales
  - 9.1.1. Nursing assessment.
  - 9.1.2. Scales
- 9.2. Nursing Care Plan
  - 9.2.1. Nursing Care
  - 9.2.2. Nursing Care Plan
- 9.3. Health Education for the Patient and Their Family.
  - 9.3.1. Health Education for the Patient.
  - 9.3.2. Health Education for the Family.
- 9.4. Post- Surgical Care.
  - 9.4.1. How to carry out post-surgical care?
- 9.5. Pressure Ulcers
  - 9.5.1. How to treat pressure ulcers?
- 9.6. Special techniques in cures (VAC, fomentation, etc...)
  - 9.6.1. Main special techniques in cures.
- 9.7. Nursing Techniques
  - 9.7.1. PICC, midline.
  - 9.7.2. PEG.
  - 9.7.3. Tracheostomy.
  - 9.7.4. Bladder catheterisation.
  - 9.7.5. Digestive catheterisation (nasogastric, rectal).
  - 9.7.6. I/V and S/C Perfusion Pumps
  - 9.7.7. Urostomy and nephrostomy.
  - 9.7.8. Surgical drainage.
- 9.8. Serotherapy and/ M Medication
  - 9.8.1. Peripheral Routes
  - 9.8.2. Central Routes
- 9.9. Administration of Blood Products.
  - 9.9.1. Classification
  - 9.9.2. Procedures.
- 9.10. Obtaining and Transporting Samples: analytical, cultures, etc..
  - 9.10.1. Extraction procedures:
  - 9.10.2. Types of tests and samples.



## Module 10. Pediatric Patient 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. Actions at home.
- 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. Thoracentesis at home.
- 12.3. Arthrocentesis
  - 12.3.1. Procedure.
  - 12.3.2. Artthrocentesis at home.
- 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. Aerosol therapy at home.
- 12.6. Mechanical Ventilation.
  - 12.6.1. Procedure.
  - 12.6.2. MV at home.

## 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. Pusioximetry
  - 13.3.1. Procedure.
  - 13.3.2. Pusioximetry at Home



- 13.4. Analysis
  - 13.4.1. Procedure.
  - 13.4.2. Blood tests at home.
- 13.5. Cultures
  - 13.5.1. Procedure.
  - 13.5.2. Blood tests at home.
- 13.6. Scales (functional, cognitive, nutritional assessment).
  - 13.6.1. Procedure.
  - 13.6.2. Classification

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

06

# Methodology

This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

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





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



## At TECH Nursing School we use the Case Method

In a given clinical 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 abundant scientific evidence on the effectiveness of the method. Nurses learn better, faster, and more sustainably over time.

*With TECH, nurses can experience a learning methodology 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, in an attempt to recreate the real conditions in professional nursing 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. Nurses 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 nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
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 university program.



## 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 nurse 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 175,000 nurses with unprecedented success, in all specialties regardless of from the workload. 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.



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current nursing procedures and techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



### Interactive Summaries

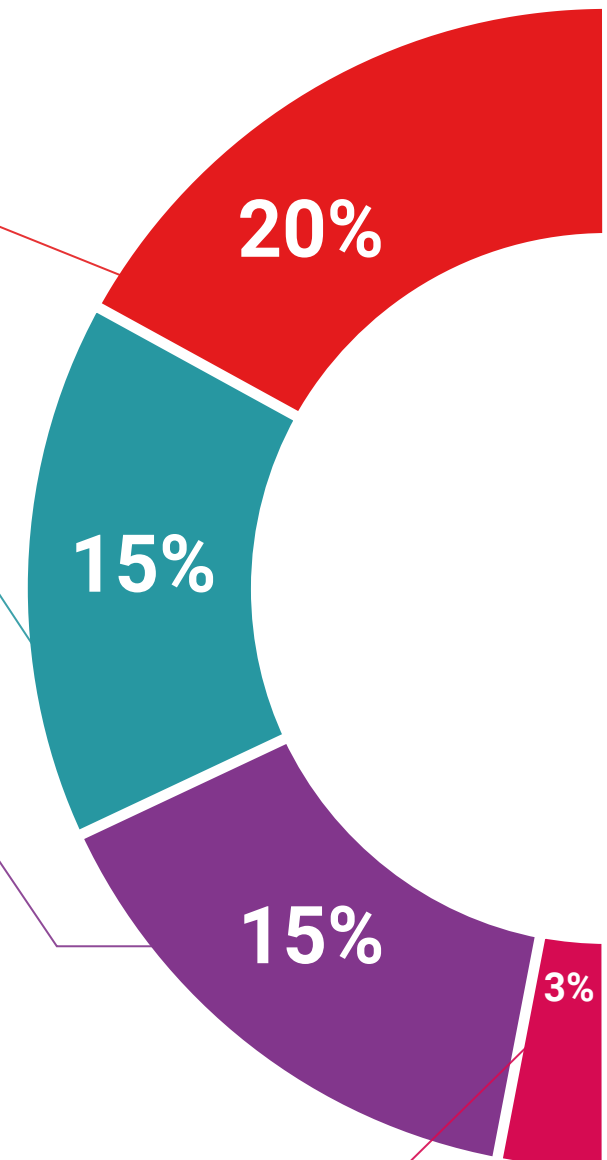
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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



### Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





### Expert-Led Case Studies and Case Analysis

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



### Testing & Re-Testing

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 future difficult 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.



# 07 Certificate

The Professional Master's Degree in Home Hospitalization for Nursing guarantees you, in addition to the most rigorous and up-to-date training, access to a Professional Master's Degree issued by TECH Global University.



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



This private qualification will allow you to obtain a **Professional Master's Degree diploma in Home Hospitalization for Nursing** 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: **Professional Master's Degree in Home Hospitalization for Nursing**

Modality: **online**

Duration: **12 months**

Accreditation: **60 ECTS**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.



## Professional Master's Degree Home Hospitalization for Nursing

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

# Professional Master's Degree

## Home Hospitalization for Nursing

