



Complex Chronic and Palliative Patients in Home Hospitalization

» Modality: online

» Duration: 6 months.

» Certificate: TECH Global University

» Credits: 26 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-complex-chronic-palliative-patients-home-hospitalization

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> 06 Certificate





tech 06 | Introduction

Demographic change calls for an extreme rethinking of healthcare to focus more on patient care. The increase in aging also brings with it an increase in chronic diseases. In fact, it is estimated that around 70% of elderly Spaniards suffer from at least one chronic disease. Although palliative care is mainly provided for diseases that can no longer be cured, such as advanced cancers, in the case of the elderly, this type of care is also important without the need to be an oncology patient, since certain types of chronic diseases can lead to the need for this type of care.

In these cases, home hospitalization is of the utmost importance, since patients will have less difficulty being treated at home than if they have to travel to hospitals, making home hospitalization the engine of change in modern health care, a care focused on people and their health, as well as social needs.

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

With this Postgraduate Diploma, students will learn how to manage infections at home, palliative care in oncology patients, pain treatment and the most innovative therapeutic and diagnostic techniques on the market, offering the doctor the most up-to-date program to provide the best care to their patients.

This **Postgraduate Diploma in Complex Chronic and Palliative Patients in Home Hospitalization** contains the most complete and up-to-date scientific program on the market. The most important features include:

- More than 100 case studies presented by experts in home hospitalization, management of complex chronic patients 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
- New developments on the role of doctors and nurses 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
- Special emphasis on evidence-based medicine and research methodologies in home hospitalization
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection



Introduction | 07 tech



With this Postgraduate Diploma you have the opportunity to update your knowledge in a comfortable way and without renouncing the maximum scientific rigor, to incorporate the latest advances in the approach to the medical hospitalization of complex chronic and palliative patients in your daily medical practice"

The teaching staff is made up of prestigious and renowned professionals, with long careers in health care, teaching and research, who have worked in different hospitals throughout the country, garnering professional and teaching experience that is delivered in an extraordinary way in this Postgraduate Diploma.

The methodological design of this Postgraduate Diploma, developed by a multidisciplinary team of e-learning experts, integrates the latest advances in educational technology for the creation of numerous multimedia educational tools that allow the professional, based primarily on problem-solving methodology, to face real scientific problems in their daily clinical practice, which will allow them to advance 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 in this Postgraduate Diploma, as well as the videos, self-assessments, clinical cases and modular exams have been thoroughly reviewed, updated and integrated by the professors and the team of experts that make up the working group, in order to facilitate the learning process in a step-by-step and didactic manner to achieve the objectives of the teaching program.

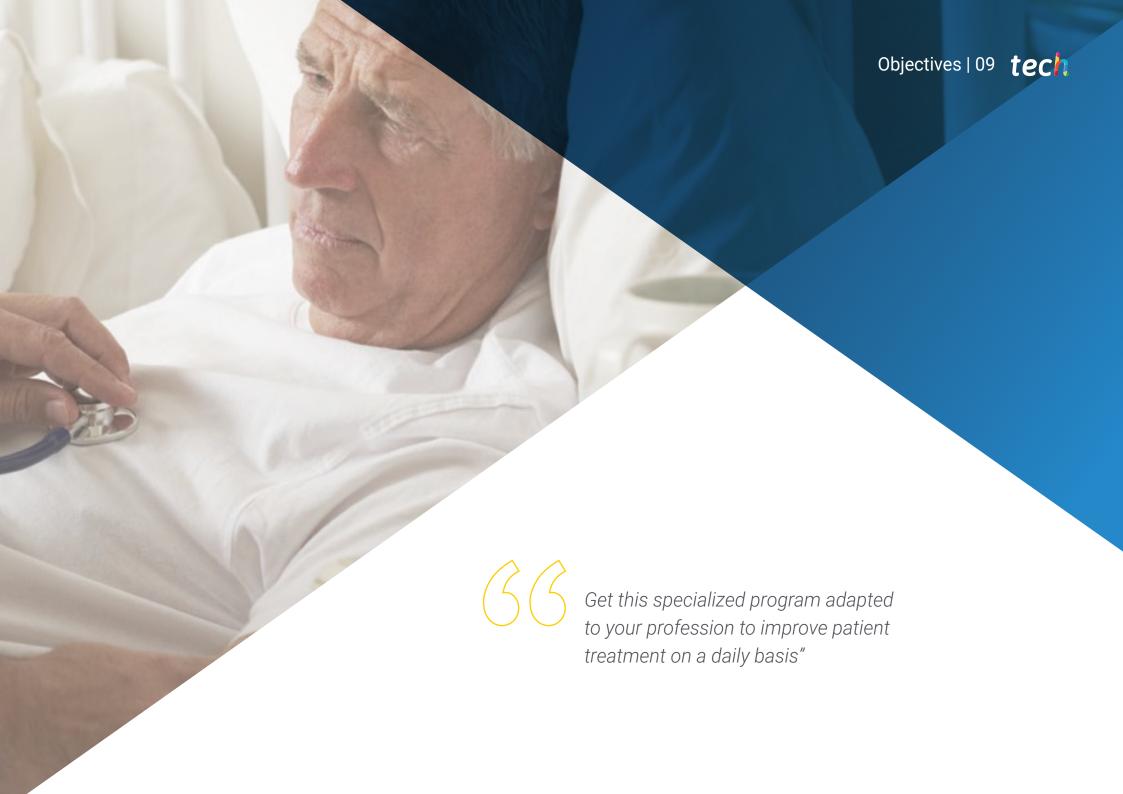
This Postgraduate Diploma integrates the latest advances in educational technology.

With this Postgraduate Diploma you have the opportunity to update your knowledge in a comfortable way and without renouncing the maximum scientific rigor, to incorporate the latest advances in the approach to medical hospitalization of complex chronic and palliative patients in your daily medical practice.









tech 10 | Objectives



General Objective

• Update the physician with the best scientific evidence for the management of diseases and patients in the field of home hospitalization, as an effective and efficient alternative to conventional hospitalization



Take advantage of the opportunity and take the step to get up to date on the latest developments in the Complex Chronic and Palliative Patients in Home Hospitalization program"





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

- Manage infectious diseases in the home setting
- Integrate knowledge of common types of diseases
- Categorize admission and exclusion criteria for patient referral

Module 2. Palliative Care in Oncological Patients

- 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 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

Module 3. Pain Management in Home Hospitalization

- Know the concept of pain and identify other associated factors involved in pain
- Determine types of pain according to physiopathology
- Recognize the main clinical syndromes with possibilities of treatment and follow-up from the Home Hospitalization

Module 4. Therapeutic Techniques

- Highlight palliative needs as one of the fields with the greatest progression in home hospitalization
- Develop the concept of dignified death, nursing care and accompaniment in the last moments of life
- Integrate knowledge of the latest therapeutic techniques in the field of home nursing

Module 5. 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





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Management



Dr. Lafuente Sanchis, Manuel Pablo

- Degree in Medicine and Surgery, University of Valencia. Spain
- Head of the Home Hospitalization and Palliative Care Service at the University Hospital of La Ribera
- * Specialist in Family and Community Medicine, Virgen de los Lirios Hospital in Alcoy Spain
- · Postgraduate Diploma in Palliative Care at International University of La Rioja
- · Postgraduate Diploma in University Teaching at Valencia Catholic University, Spain
- · Clinical Simulation Instructor at the Murcia Catholic University, Spain
- Member of the Spanish Society of Home Hospitalization
- Member of the Spanish Society of Clinical Simulation
- Professor of the Nursing Degree. Urgencies and Emergencies, 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

Ms. Amoros Cantero, Aurora

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- * Nurse, Preventive Medicine Service. Ribera University Hospital

Ms. Alcover Pons, Marta

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- * Nurse, Preventive Medicine Service. Ribera University Hospital. Alzira

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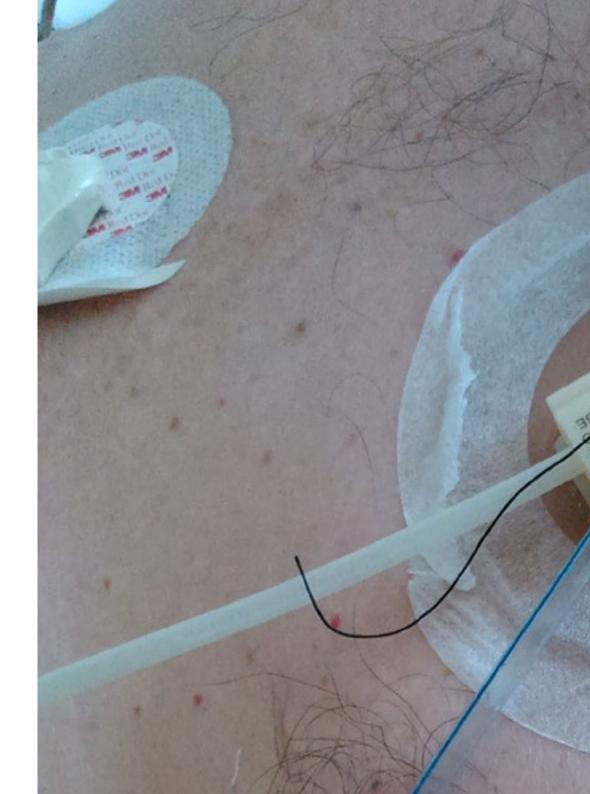
- Nursing Supervisor, Home Hospitalization and Palliative Care Unit
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- Professional Master's Degree in School Health
- * Case manager for complex chronic patients. Valencia School of Health Studies

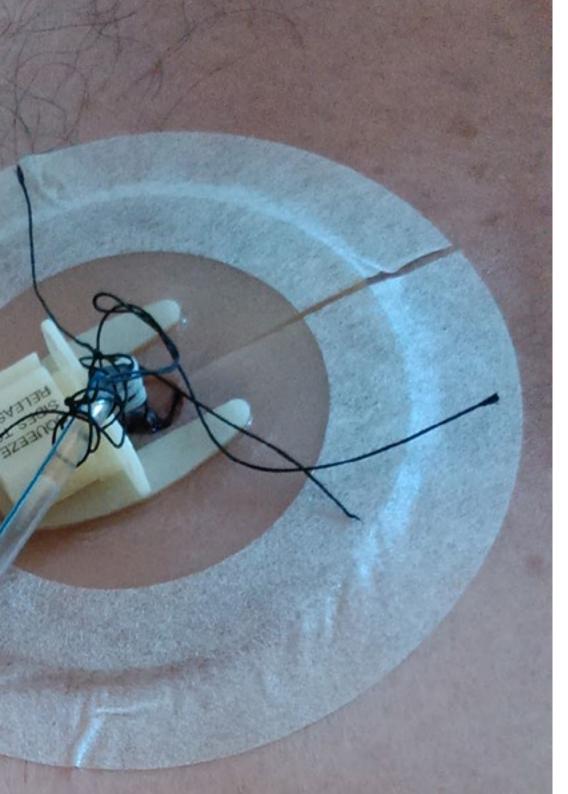
Dr. Santander López, Jorge

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- * Specialist in Family and Community Medicine. La Fe University Hospital Valencia Spain
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- Case manager for complex chronic patients. EVES
- University Diploma in Nursing
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Course Management | 17 tech

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- Attending Physician in Pain Unit Ribera University Hospital
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- Master's Degree in Palliative Care Valladolid
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- Postgraduate Certificate in Terminal Illness and Palliative Care for Nurses
- Nurse in the Home Hospitalization and Palliative Care Unit
- Lecturer in Palliative Care training courses. EVES





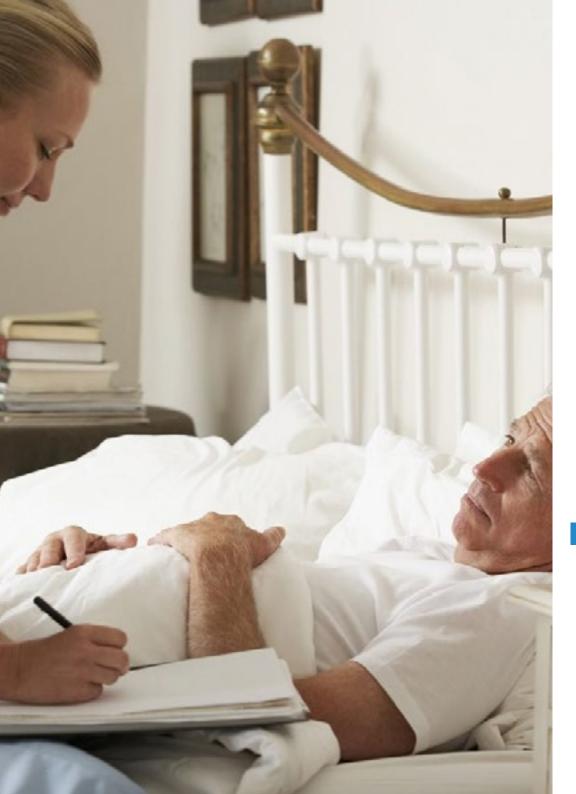
tech 20 | Structure and Content

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

- 1.1. Pneumonia
 - 1.1.1. Diagnosis
 - 1.1.2. Home-Based Management
 - 1.1.3. Bronchoaspirations Prevention and Management
- 1.2. Infections of the Urinary Tract
 - 1.2.1. Pyelonephritis
 - 1.2.2. Urinary Tract Infections
 - 1.2.3. Prostatitis
- 1.3. Intra-Abdominal Infections
 - 1.3.1. Liver Abscesses
 - 1.3.2. Post-Surgery Abscesses
 - 1.3.3. Cholecystitis and Cholangitis
 - 1.3.4. Diverticulitis
 - 1.3.5. Infectious Pancreatitis
- 1.4. Abscesses.
 - 1.4.1. General Aspects
 - 1.4.2. Treatment
 - 1.4.3. Types of Cure
- 1.5. Soft Tissue Infections
 - 1.5.1. Concept
 - 1.5.2. Classification
- 1.6. Infection of Surgical Wounds
 - 1.6.1. Concept
 - 1.6.2. Classification
- 1.7. Osteomyelitis
 - 1.7.1. Concept
 - 172 Classification
- 1.8. Endocarditis
 - 1.8.1. Concept
 - 1.8.2. Classification
- 1.9. Prosthesis and Intra-Vascular Device Infections
 - 1.9.1. Concept
 - 1.9.2. Classification
- 1.10. Febrile Neutropenia
 - 1.10.1. Diagnosis
 - 1.10.2. Treatment

Module 2. Palliative Care in Oncological Patients

- 2.1. Comprehensive Assessment in Palliative Care
 - 2.1.1. Medical History Model in Palliative Care
 - 2.1.2. Anamnesis in Palliative Care
 - 2.1.3. The Importance of Family and Social Circumstances in a Comprehensive Assessment
- 2.2. Assessment Scales in Palliative Care
 - 2.2.1. ECOG
 - 2.2.2. Barthel
 - 2.2.3. Karnofsky
 - 2.2.4. VAS
 - 2.2.5. Edmonton Symptom Assessment Scale
 - 2.2.6. Gijón Scale
 - 2.2.7. Family APGAR
 - 2.2.8. Pfeiffer
 - 2.2.9. Nutritional Assessment
- 2.3. Continuous Care Models in Palliative Oncology Patients
 - 2.3.1. Palliative Patients
 - 2.3.1.1. Models
- 2.4. Pain Management in Palliative Care
 - 2.4.1. Analgesic Ladder
 - 2.4.2. First Step
 - 2.4.3. Second Step
 - 2.4.4. Third Step
 - 2.4.5. Coadjuvants
- 2.5. Control of Dyspnea
 - 2.5.1. Diagnosis
 - 2.5.2. Etiology
 - 2.5.3. Home-Based Management
- 2.6. Delirium Control
 - 2.6.1. Diagnosis
 - 2.6.2. Etiology
 - 2.6.3. Home-Based Management
- 2.7. Nausea and Vomiting Control
 - 2.7.1. Diagnosis
 - 2.7.2. Etiology
 - 2.7.3. Home-Based Management



Structure and Content | 21 tech

- 2.8. Alterations in Intestinal Rhythm Diarrhea and Constipation
 - 2.8.1. Diagnosis
 - 2.8.2. Etiology
 - 2.8.3. Home-Based Management
- 2.9. Anorexia-Cachexia
 - 2.9.1. Diagnosis
 - 2.9.2. Etiology
 - 2.9.3. Home-Based Management
- 2.10. Anxiety-Insomnia
 - 2.10.1. Diagnosis
 - 2.10.2. Etiology
 - 2.10.3. Home-Based Management
- 2.11. Situation in a Patient's Last Days and Palliative Sedation
 - 2.11.1. Terminal Criteria
 - 2.11.2. Palliative Sedation vs. Passive Euthanasia vs. Active Euthanasia
 - 2.11.3. Home-Based Management
- 2.12. Grief and Family Care
 - 2.12.1. Grief
 - 2.12.2. Family Circle
- 2.13. European Legality on Palliative Care
 - 2.13.1. Legal Aspects of Palliative Care in Europe
- 2.14. Anticipated Wishes
 - 2.14.1. Definition
 - 2.14.2. Most Important Aspects to Take Into Account

Module 3. Pain Management in Home Hospitalization

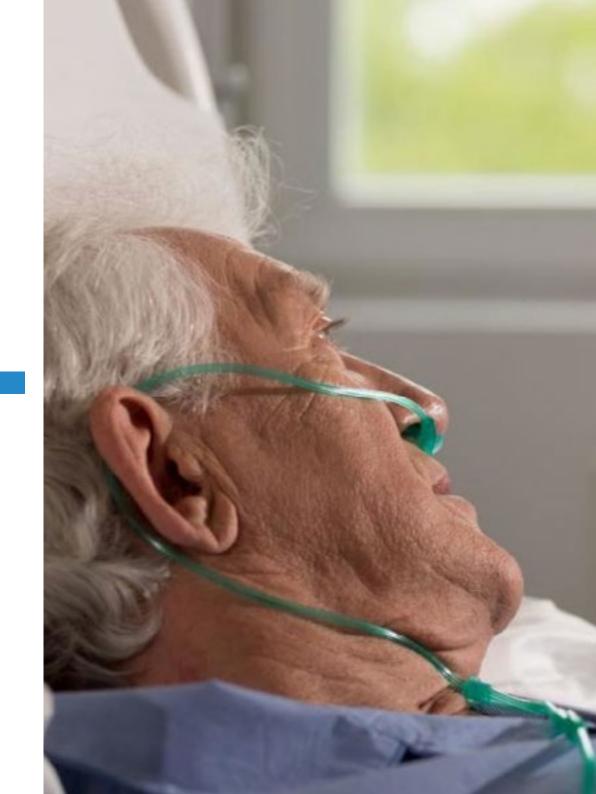
- 3.1. Pain Management
 - 3.1.1. General Aspects
 - 3.1.2. Considerations in the Home
- 3.2. Scales and Assessment of Patient in Pain
 - 3.2.1. Classification
 - 3.2.2. Patient Assessment
- 3.3. First-Line Analgesic Treatment
 - 3.3.1. Treatment
 - 3.3.2. Procedures in the Home

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- 3.4. 2nd Line Analgesic Treatment
 - 3.4.1. Treatment
 - 3.4.2. Procedures in the Home
- 3.5. Third Step Treatment Opioids
 - 3.5.1. Treatment
 - 3.5.2. Procedures in the Home
- 3.6. Coadjuvants
 - 3.6.1. Classification
 - 3.6.2. Procedures
- 3.7. Interventional Pain Management
 - 3.7.1. Interconsultation
 - 3.7.2. Procedures in the Home
- 3.8. Current Legality in the Management of Opioid Analgesics

Module 4. Therapeutic Techniques

- 4.1. Paracentesis
 - 4.1.1. Procedure
 - 4.1.2. Home Paracentesis
- 4.2. Thoracentesis
 - 4.2.1. Procedure
 - 4.2.2. Home Thoracentesis
- 4.3. Arthrocentesis
 - 4.3.1. Procedure
 - 4.3.2. Home Arthrocentesis
- 4.4. Oxygen Therapy
 - 4.4.1. Procedure
 - 4.4.2. Home Oxygen Therapy
- 4.5. Aerosol Therapy
 - 4.5.1. Procedure
 - 4.5.2. Home Aerosol Therapy
- 4.6. Mechanical Ventilation
 - 4.6.1. Procedure
 - 4.6.2. Home Mechanical Ventilation



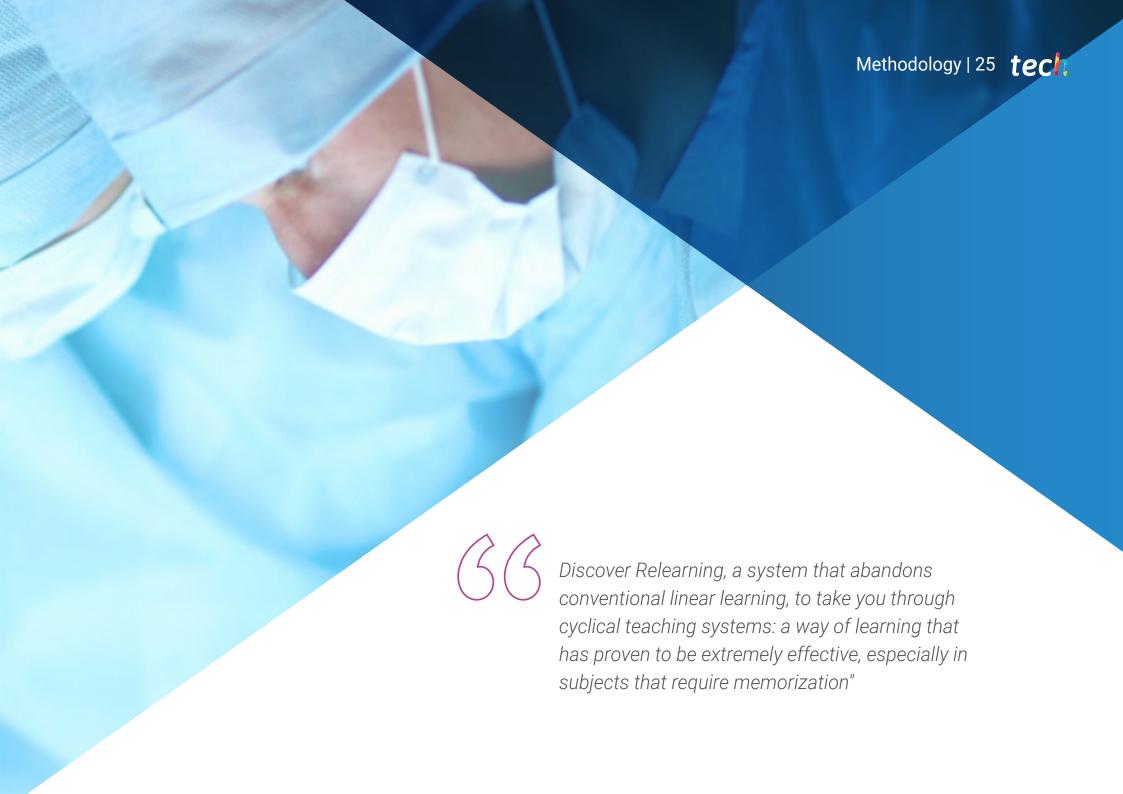
Module 5. Diagnostic Techniques

- 5.1. ECG
 - 5.1.1. Procedure
 - 5.1.2. ECG at Home
- 5.2. Musculoskeletal
 - 5.2.1. Procedure
 - 5.2.2. Ultrasound at Home
- 5.3. Pulse Oximetry
 - 5.3.1. Procedure
 - 5.3.2. Pusioximetry at Home
- 5.4. Analysis
 - 5.4.1. Procedure
 - 5.4.2. Blood Analysis at Home
- 5.5. Cultures
 - 5.5.1. Procedure
 - 5.5.2. Blood Analysis at Home
- 5.6. Scales (Functional, Cognitive, Nutritional Assessment, etc.)
 - 5.6.1. Procedure
 - 5.6.2. Classification



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





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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. Specialists learn better, faster, and more sustainably over time.

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



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



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

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

- Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
- 2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
- 3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
- 4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.





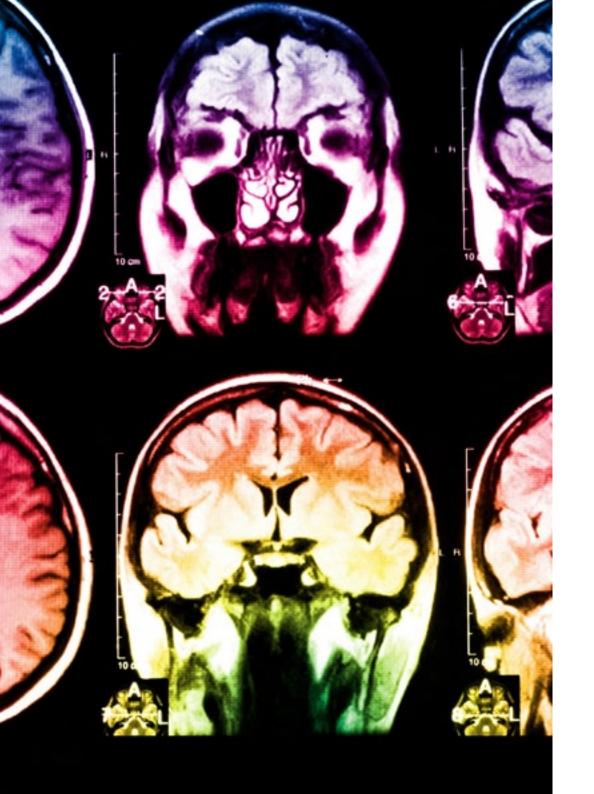
Relearning Methodology

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.

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





Methodology | 29 tech

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, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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 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 (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's 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 highly 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.



Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. 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 the videos as many times as you like.



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 exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".





Additional Reading

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

Expert-Led Case Studies and Case Analysis

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



Testing & Retesting

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



Classes

There is scientific evidence on the usefulness of learning by observing experts.

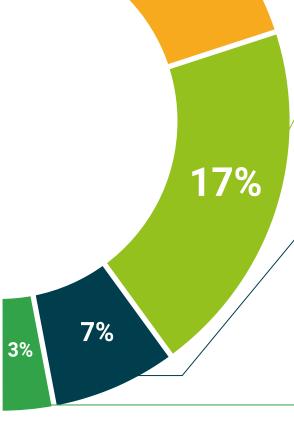
The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

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









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This private qualification will allow you to obtain in **Porgraduate Diplomate in Complex Chronic and Palliative Patients 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: Porgraduate Diplomate in Complex Chronic and Palliative Patients in Home Hospitalization

Modality: online

Duration: 6 weeks

Accreditation: 26 ECTS

Endorsed by: Valencian Society of Home Hospitalization





Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Porgraduate Diplomate in Complex Chronic and Palliative Patients in Home Hospitalization

This is a private qualification of 780 hours of duration equivalent to 26 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



^{*}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.

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Postgraduate Diploma

Complex Chronic and Palliative Patients in Home Hospitalization

- » Modality: online
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