Professional Master's Degree
Home Hospitalization

Endorsed by:

SVHaD
SOCIEDAD VALENCIANA DE HOSPITAL A DOMICILIO

tech global university

Professional Master's Degree
Home Hospitalization

» Modality: **Online**
» Duration: **12 months.**
» Certificate: **TECH Global University**
» Accreditation: **60 ECTS**
» Schedule: **at your own pace**
» Exams: **online**

Website: **www.techtitute.com/us/medicine/professional-master-degree/master-home-hospitalization**

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Introduction to the Program

Home hospitalization has gained relevance as an effective solution in healthcare, allowing patients to receive specialized care from the comfort of their home. According to the World Health Organization, it is estimated that 20% of hospitalized patients could be effectively treated at home, which not only reduces costs but also improves clinical outcomes. In this context, TECH stands out for offering a highly specialized Postgraduate Certificate program that equips healthcare professionals with the necessary skills to implement and manage home hospitalization models, adapting to the patient's needs and leveraging advancements in medical care to provide more efficient and personalized care.

"
Thanks to this 100% online program, you will master the fundamentals of Home Hospitalization and ensure the overall well-being of patients at home"

Home healthcare has gained increasing importance as an effective solution for patients requiring continuous care but who do not need to remain in a hospital setting. This model has proven to be a viable alternative, not only for reducing costs but also for improving clinical outcomes and the overall well-being of the patient. Given this, the demand for Home Hospitalization has risen, driven by factors such as the prevalence of chronic diseases and the need to alleviate hospital congestion. Similarly, as technologies advance and organizational models evolve, Home Hospitalization is emerging as a crucial strategy for delivering personalized and high-quality healthcare at home.

For this reason, TECH presents a revolutionary program in Home Hospitalization. The program addresses essential topics such as organizational models of home care, including hospital-based care and primary care. Furthermore, it delves into fundamental aspects such as the history of Home Hospitalization, its reference units, and the future of this healthcare model. Therefore, this academic pathway also includes legal aspects and quality indicators, which are essential for developing efficient and high-quality home care.

On the other hand, TECH offers an adaptable and modern solution for healthcare professionals, providing continuous access to a 100% online academic pathway, available at any time and from any device with an internet connection. This flexibility allows professionals to organize their time efficiently, enabling learning to fit into their schedules and personal needs. It is important to note that through the Relearning methodology, the assimilation and constant updating of key content is facilitated, ensuring that the knowledge acquired remains current and applicable in the context of Home Healthcare.

This **Professional Master's Degree in Home Hospitalization** contains the most complete and up-to-date university program on the market. Its most notable features are:

- The development of practical cases presented by experts in Health and Medicine
- 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
- Practical exercises where the self-assessment process can be carried out to improve learning
- Its special emphasis on innovative methodologies
- 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

Through this exclusive university program, you will identify patient needs and provide personalized care"

"

You will maximize the impact of home care, ensuring the implementation of appropriate protocols and techniques to guarantee care of the highest quality"

You will apply sophisticated strategies for the management of Pain and Palliative Care at home, promoting a humanized approach.

You will manage telemedicine technologies and remote monitoring, improving the clinical control of patients.

The program's faculty includes professionals from the field of medicine who share the experience of their work, along with renowned specialists from reference societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive educational experience designed to prepare students for real-life situations.

This program is designed around Problem-Based Learning, whereby students must try to solve the different professional practice situations that arise during the academic year. For this purpose, professionals will be assisted by an innovative interactive video system created by renowned and experienced experts.

Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs, available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it has a huge faculty of more than 6,000 professors of the highest international prestige.

" *Study at the largest online university in the world and ensure your professional success. The future begins at TECH"*

The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.

Forbes
The best online university in the world

The most complete **syllabus**

TOP international faculty

The most effective methodology

World's No.1 The World's largest online university

The most complete syllabuses on the university scene

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

A unique learning method

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.

Google Partner

PREMIER 2025

The Official Online University of the **NBA**

4.9/5
★★★★★
★ global score

99% maximun employability guaranteed

Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.
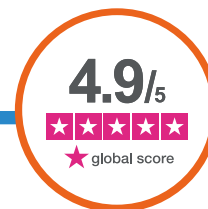
The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.

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Syllabus

This exclusive university pathway offers a comprehensive approach to Home Hospitalization, covering everything from organizational models to the management of complex cases. Furthermore, through an in-depth analysis of the history and advancements in this field, professionals will acquire essential tools to manage geriatric, chronic, and palliative patients, as well as those with specific diseases such as heart failure and neurological conditions. Additionally, the program delves into the management of home infections and telemedicine, key aspects for optimizing care and improving the quality of home healthcare.

You will develop clinical competencies to efficiently manage complex cases of chronic geriatric patients"

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 Overview
- 1.2.2. Reference Units
- 1.2.3. Present and Future of Home Hospitalization

1.3. Organizational Models
- 1.3.1. Hospital-Based Home Care
- 1.3.2. Primary Care-based Home Care
- 1.3.3. Home Help Services

1.4. Differences Between HHU and Home Care from Primary Care and Other Home Care Models (PADES, ESAD)
- 1.4.1. HHU
- 1.4.2. Home Care Models

1.5. Evidence-Based Medicine
- 1.5.1. Advantages and Disadvantages of the HHU Model Compared to Conventional Hospitalization

1.6. Service Portfolio
- 1.6.1. Early Discharge Model
- 1.6.2. High-Tech Discharge Model
- 1.6.3. Support Function Model

1.7. General Inclusion and Exclusion Criteria
- 1.7.1. Voluntariness
- 1.7.2. Social Criteria
- 1.7.3. Geographical Criteria
- 1.7.4. Medical Criteria

1.8. Integration with Different Healthcare Levels
- 1.8.1. Primary Care
- 1.8.2. Emergency Care
- 1.8.3. Conventional Hospitalization
- 1.8.4. Social and Healthcare Centers
- 1.8.5. Nursing Homes

1.9. Structure and Resources of HHU
- 1.9.1. Structure of HHU
- 1.9.2. Resources in HHU

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 Records, Specifics of HHU (Mobility and Accessibility)
- 2.2.1. Telemedicine

2.3. Quality Indicators
- 2.3.1. Management Indicators
- 2.3.2. Clinical Indicators

2.4. Research in HHU
- 2.5.1. Future and Present Lines of Work in the HHU

2.5. Undergraduate and Postgraduate Teaching
- 2.5.1. Undergraduate Teaching
- 2.5.2. Postgraduate Teaching

2.6. Future Perspectives
- 2.6.1. Future Challenges

2.7.   Telemedicine
    2.7.1.   Concept and Considerations
2.8.   Case Management
    2.8.1.   Nursing Management of Hospital Cases
    2.8.2.   Nursing Management of Community Cases
    2.8.3.   Management of Medicine-Based Cases

Module 3. Care for Different Types of Specific Patients

3.1.   Fragile Geriatric Patients
    3.1.1.   Peculiarities in a Geriatric Patient
    3.1.2.   Model of Relationship with Assisted Living Facilities
    3.1.3.   Treatment in Geriatric Patients
3.2.   Complex Chronic Patients
    3.2.1.   Definition
    3.2.2.   Management Models for Complex Chronic Patients
    3.2.3.   End-of-life Criteria
3.3.   Palliative Patients
    3.3.1.   Differences Between Oncological and Non-Oncological Palliative Patients
    3.3.2.   End-of-life Criteria
    3.3.3.   Management Models for Palliative Patients
3.4.   Frequent-Visiting Patient
    3.4.1.   Case Management
3.5.   Home Antibiotherapy
    3.5.1.   General Aspects
    3.5.2.   TADE (Home Antibiotherapy for Specific Diseases)
3.6.   Psychiatric Patients
    3.6.1.   Peculiarities of Mental Health Monitoring at Home
3.7.   Pediatric Patients
    3.7.1.   Considerations for Pediatric Patients

Module 4. Syndromes Suitable for Home Management

4.1.   Heart Failure
    4.1.1.   Admission and Exclusion Criteria
    4.1.2.   Symptom Management and Treatment at Home
    4.1.3.   Discharge Criteria
4.2.   COPD (Chronic Obstructive Pulmonary Disease)
    4.2.1.   Admission and Exclusion Criteria
    4.2.2.   Symptom Management and Treatment at Home
4.3.   Post-Surgical Care
    4.3.1.   Admission and Exclusion Criteria
    4.3.2.   Management of Main Symptoms and Complications in Post-Surgical Patients
4.4.   Neurological Patients
    4.4.1.   Dementia
    4.4.2.   Multiple Sclerosis
    4.4.3.   ALS (Amyotrophic Lateral Sclerosis)
4.5.   DVT (Deep Vein Thrombosis) and PE (Pulmonary Embolism)
    4.5.1.   Diagnosis at Home
    4.5.2.   Home-Adjusted Treatment
    4.5.3.   Admission Criteria for Conventional Hospitalization
4.6.   Home-Based Rehabilitation. Loss of Functionality. Fractures
    4.6.1.   Functionality Scales
    4.6.2.   Possibilities for Home Rehabilitation
4.7.   Nephro-Urological Syndromes
    4.7.1.   Pyelonephritis
    4.7.2.   Urinary Tract Pathologies
    4.7.3.   Prostatic Disease
    4.7.4.   Acute and Chronic Kidney Disease
4.8.   Patients with Digestive Diseases
    4.8.1.   Cirrhosis
    4.8.2.   Hepatic Encephalopathy
    4.8.3.   Short Bowel Syndrome

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

5.1. Pneumonia
    5.1.1. Diagnosis
    5.1.2. Management at Home
    5.1.3. Bronchoaspirations. Prevention and Management
5.2. Urinary Tract Infections
    5.2.1. Pyelonephritis
    5.2.2. Urinary Tract Infection
    5.2.3. Prostatitis
5.3. Intra-Abdominal Infections
    5.3.1. Liver Abscesses
    5.3.2. Post-Surgical 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 Wound Care
5.5. Soft Tissue Infections
    5.5.1. Concept
    5.5.2. Classification
5.6. Surgical Wound Infection
    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 Intravascular Device 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 and Oncology Patients

6.1. Comprehensive Assessment in Palliative Care
    6.1.1. Palliative Care Medical History Model
    6.1.2. Anamnesis in Palliative Care
    6.1.3. The Importance of Family and Social Circumstances in 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 (Visual Analog Scale)
    6.2.5. Edmonton Symptom Assessment Scale
    6.2.6. Gijon Scale
    6.2.7. Family Apgar
    6.2.8. Pfeiffer Scale
    6.2.9. Nutritional Assessment
6.3. Continuous Care Models for Palliative Oncology Patients
    6.3.1. Palliative Patients
        6.3.1.1. 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. Adjuvants

Module 7. Pain Management in Home Hospitalization

Module 8. Nutrition in Home Hospitalization

8.1. Nutritional Assessment. Scales
  8.1.1. MUST (Malnutrition Universal Screening Tool)
  8.1.2. MNA (Mini Nutritional Assessment)
  8.1.3. Laboratory Parameters
  8.1.4. Clinical Parameters
8.2. Dysphagia
  8.2.1. Diagnosis
  8.2.2. Etiology
  8.2.3. Management at Home
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. Infectious Disease Patient
  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. Feeding Tubes

Module 9. Special Treatments

9.1. Fluid Therapy and Medication
  9.1.1. Peripheral Routes
  9.1.2. Central Routes
  9.1.3. Drug Combinations
9.2. Administration of Blood Derivatives
  9.2.1. Concentrated Red Blood Cells
  9.2.2. Platelet Pool
  9.2.3. Plasma
  9.2.4. Protocols for Blood Derivative Transfusion at Home
9.3. Subcutaneous Medication
  9.3.1. Elastomeric Infusers
  9.3.2. Treatment with Subcutaneous Administration Possibility
  9.3.3. Drug Combinations
9.4. Chemotherapy at Home
  9.4.1. Classification
  9.4.2. Considerations
9.5. Intravenous Treatment with Perfusion Pump at Home
  9.5.1. Classification
  9.5.2. Considerations
9.6. Bladder and Digestive Catheters
  9.6.1. Replacement Protocols at Home
  9.6.2. Technique Videos
9.7. PEG (Percutaneous Endoscopic Gastrostomy) Replacement
  9.7.1. Replacement Protocols at Home
  9.7.2. Technique Videos
9.8. Tracheostomy Replacement
  9.8.1. Replacement Protocols at Home
  9.8.2. Technique Videos
9.9. Sample Collection and Transport: Lab Tests, Cultures

Module 10. Pediatric Patients in Home Hospitalization

Module 11. Preventive Medicine

Module 12. Therapeutic Techniques

12.1.   Paracentesis
    12.1.1.   Procedure
    12.1.2.   Paracentesis at Home
12.2.   Thoracentesis
    12.2.1.   Procedure
    12.2.2.   Thoracentesis at Home
12.3.   Arthrocentesis
    12.3.1.   Procedure
    12.3.2.   Arthrocentesis at Home
12.4.   Oxygen Therapy
    12.4.1.   Procedure
    12.4.2.   Oxygen Therapy at Home
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.   Mechanical Ventilation at Home

Module 13. Diagnostic Techniques

13.1.   ECG (Electrocardiogram)
    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.   Pulse Oximetry
    13.3.1.   Procedure
    13.3.2.   Pulse Oximetry at Home

" Thanks to TECH's Relearning methodology, you will be able to study all the contents of this program from the comfort of your home without the need to travel to an academic center"

04

Teaching Objectives

This exclusive curriculum provides specialized training in the management of intravenous treatment, developing key competencies in the safe administration of intravenous medications. Throughout the degree, professionals will learn to manage infusion protocols, control adverse effects, and adjust dosages, using tools such as virtual simulators and interactive clinical cases. Additionally, fundamental aspects related to constant patient monitoring will be addressed, utilizing digital platforms and advanced technologies for treatment follow-up. As a result, the program ensures that professionals are trained to face complex clinical situations and enhance their performance in the healthcare field.

You will manage intravenous treatment using a perfusion pump at home, controlling dosages and monitoring potential adverse effects"

General Objectives

- Improve the understanding of organizational models for home hospitalization, analyzing the advantages of hospital-based care, primary care, and other complementary services

- Strengthen the ability to manage processes of assessment, admission, discharge, and follow-up, through the integration of electronic medical records and telemedicine

- Develop critical skills in managing complex cases, including geriatric and chronic patients, and identifying end-of-life criteria

- Acquire competencies in implementing palliative care, considering comprehensive assessment, pain management, and grief support, in both oncological and non-oncological contexts

- Master strategies for managing home hospitalization of patients with complex conditions, such as heart failure, COPD, and neurological syndromes

- Optimize special treatments in home hospitalization, including the administration of fluid therapy, intravenous medication, and chemotherapy, applying appropriate protocols

- Deepen the control of home infections, focusing on diagnosis, treatment, and admission criteria, addressing conditions such as pneumonia, urinary tract infections, and abscesses

- Implement home nutrition protocols for oncological, geriatric, and infectious patients, ensuring appropriate enteral and parenteral nutrition based on each patient's specific needs

Specific Objectives

Module 1. Organization of Home Hospitalization

- Identify the main differences between Home Hospitalization (HH) and other home care models, such as primary care and home help services
- Explain the different organizational models of HH, including hospital-based home care, primary care, and home help services
- Analyze the general inclusion and exclusion criteria for admission to a Home Hospitalization service, considering voluntary, social, geographical, and medical aspects
- Examine the integration of Home Hospitalization with different healthcare levels, such as primary care, emergency services, conventional hospitalization, socio-health centers, and nursing homes

Module 2. General Aspects. Research and Teaching

- Explain the case management process in Home Hospitalization, including pre-admission assessment, discharge, and transfer to primary care
- Detail the peculiarities of the Electronic Medical Record in the context of Home Hospitalization, highlighting its mobility and accessibility
- Evaluate the quality indicators applied to Home Hospitalization, distinguishing between management and clinical indicators
- Identify the current and future research lines in Home Hospitalization, with an emphasis on advances in telemedicine and its impact on home care

Module 3. Care for Different Types of Specific Patients

- Detail the peculiarities in the care of fragile geriatric patients, including models of relationship with assisted living residences and specific treatment approaches
- Study the management models of complex chronic patients, highlighting key criteria for classifying terminality in these patients
- Compare the differences between oncological and non-oncological palliative patients, describing the criteria for terminality and applicable management models
- Investigate the peculiarities in managing mental health for psychiatric patients in the home setting, considering the challenges in their treatment

Module 4. Syndromes Suitable for Home Management

- Establish the admission and exclusion criteria for patients with heart failure, as well as the management of their symptoms in the home setting
- Address the treatment and management of COPD symptoms at home, with emphasis on tailoring to the patient's needs
- Propose management strategies for post-surgical patients at home, considering the main symptoms and complications
- Detail home care approaches for neurological patients, including conditions such as dementia, multiple sclerosis, and ALS
- Adjust treatment for patients with DVT and PE at home, with an emphasis on diagnostic criteria and hospitalization
- Present rehabilitation options at home for patients with fractures or loss of functionality, using functional assessment scales

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

- Define the diagnostic criteria and management of pneumonia in the home context, with special attention to bronchaspiration and its prevention

- Develop strategies for managing urinary tract infections and pyelonephritis at home, covering appropriate treatments and discharge criteria

- Create protocols for the home management of intra-abdominal infections, including liver abscesses, cholecystitis, and infectious pancreatitis

- Determine the treatment and prevention guidelines for abscesses at home, differentiating types of dressings and their application in infection management

- Evaluate soft tissue infections and surgical wounds, with an appropriate classification for managing these at home

- Formulate diagnostic and treatment strategies for osteomyelitis and endocarditis at home, considering classification and the necessary therapeutic approach

Module 6. Palliative Care and Oncology Patients

- Establish a medical history and anamnesis model for palliative care patients, emphasizing the importance of family and the social environment in comprehensive assessment

- Implement continuous care models for palliative oncology patients, tailored to the needs of each disease stage

- Optimize pain management in palliative care, using the analgesic ladder and appropriate medication selection at each level

- Address the management of dyspnea and delirium in palliative patients, establishing diagnostic criteria, identifying etiologies, and home management strategies

- Promote the management of intestinal rhythm disturbances, such as diarrhea and constipation, in palliative patients, focusing on assessment, diagnosis, and treatment at home

Module 7. Pain Management in Home Hospitalization

- Design a pain management approach for Home Hospitalization, considering the generalities and peculiarities of treatment in the home setting

- Apply scales and tools for pain assessment in patients, classifying and determining the intensity and nature of the pain

- Establish appropriate analgesic treatments for different pain levels (first, second, and third-line), emphasizing procedures applicable at home

Module 8. Nutrition in Home Hospitalization

- Implement nutritional assessment scales to evaluate the dietary needs of patients in Home Hospitalization, based on clinical and laboratory parameters
- Diagnose and manage cases of dysphagia at home, identifying its etiology and providing appropriate management to improve the patient's quality of life
- Address the nutritional needs of oncology patients in the home setting, considering their peculiarities and adapting nutrition to their health status

Module 9. Special Treatments

- Manage the administration of fluid therapy and intravenous medication at home, evaluating the use of peripheral and central routes, as well as suitable drug combinations
- Implement protocols for the administration of blood derivatives at home, considering indications for red blood cell concentrates, platelet pools, and plasma
- Optimize the administration of subcutaneous medication in the home setting, using elastomeric infusers and evaluating appropriate drug combinations for each patient
- Apply protocols for the replacement of devices such as urinary and digestive catheters, and PEG at home, ensuring proper technique through instructional videos and following the appropriate guidelines

Module 10. Pediatric Patients in Home Hospitalization

- Address the peculiarities of pediatric patients in the context of home hospitalization, considering their specific physical and emotional needs
- Apply specific pediatric assessment principles at home, considering the particularities of the child's age and development
- Manage infections in pediatric patients at home, classifying common infections and determining appropriate treatment procedures

Module 11. Preventive Medicine

- Propose procedures to improve hygiene in the home
- Design strategies to prevent the colonization of multidrug-resistant germs in the home
- Evaluate the adequacy of antibiotic treatments for patients being treated at home
- Identify the types of vaccines needed for patients with special conditions

Module 12. Therapeutic Techniques

- Describe in detail the paracentesis procedure and its implementation in the home setting, considering technical aspects and necessary precautions
- Detail the thoracentesis procedure, emphasizing its execution at home, and the aftercare required for patients in this environment
- Explain the arthrocentesis procedure, addressing its adaptation to the home setting, and the clinical and technical implications for proper execution
- Define the oxygen therapy procedure at home, covering equipment selection and recommendations to ensure its effectiveness in home care

- Instruct on the aerosol therapy procedure at home, detailing various techniques, devices, and their appropriate administration in the patient's home
- Explain the mechanical ventilation procedure at home, highlighting technical specifics and the care needed to ensure proper management outside of the hospital

Module 13. Diagnostic Techniques

- Describe in detail the electrocardiogram procedure, considering the specifications for its execution at home and the pre- and post-care required for the patient
- Explain the ultrasound procedure, addressing its application and the necessary adjustments to perform it at home, ensuring image quality and diagnostic accuracy
- Detail the pulse oximetry procedure, explaining its usefulness and the steps for its correct execution at home, as well as the clinical and technical considerations to ensure reliable results
- Define the blood test procedure, covering methods for performing it at home, necessary equipment, and the care to be followed to ensure proper sample collection and transport
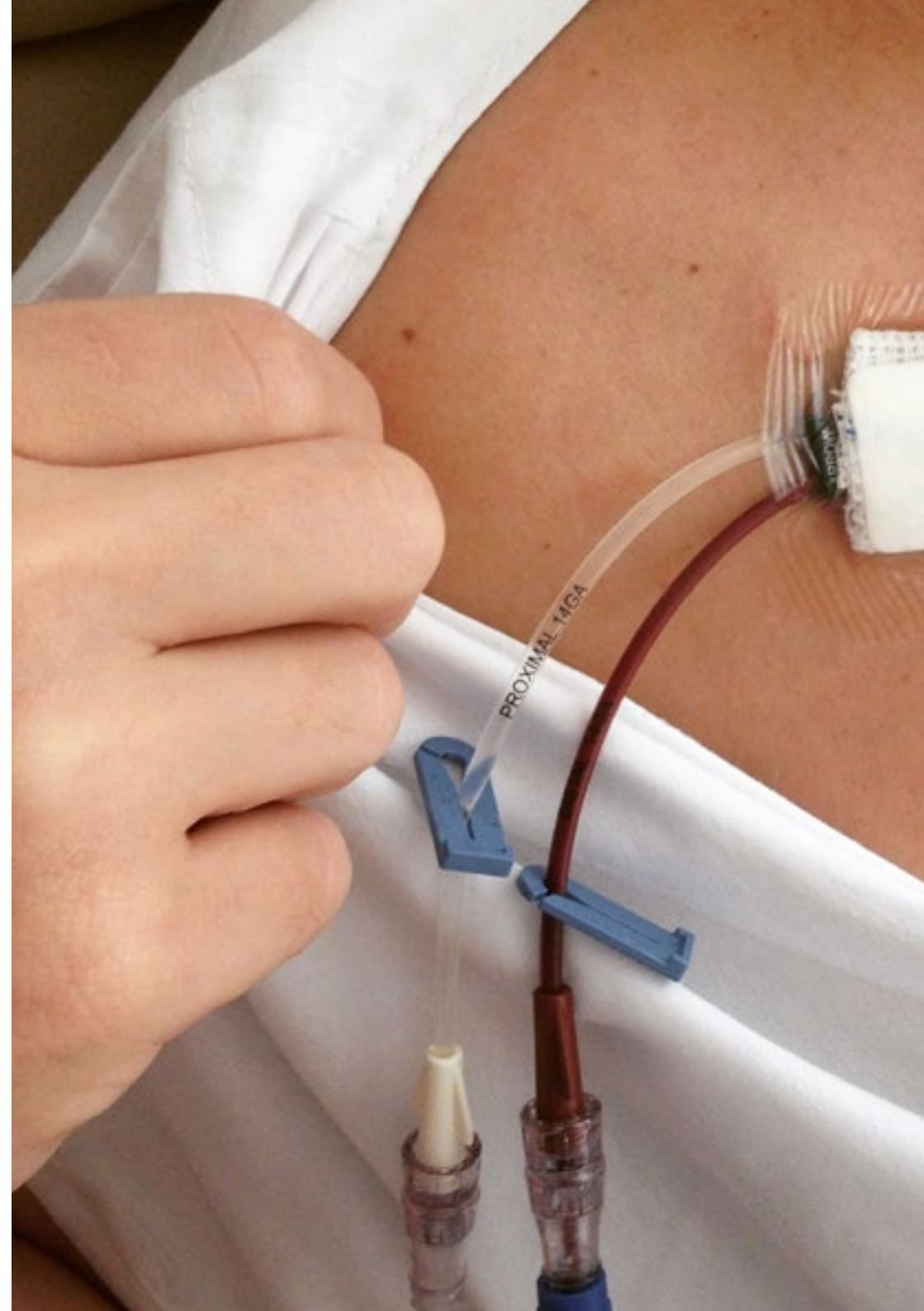
" *Master Home Antibiotherapy, adjusting antibiotic treatments to improve therapeutic effectiveness at home"*

05
Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career"

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.
The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

" *At TECH you will NOT have live classes (which you might not be able to attend)"*
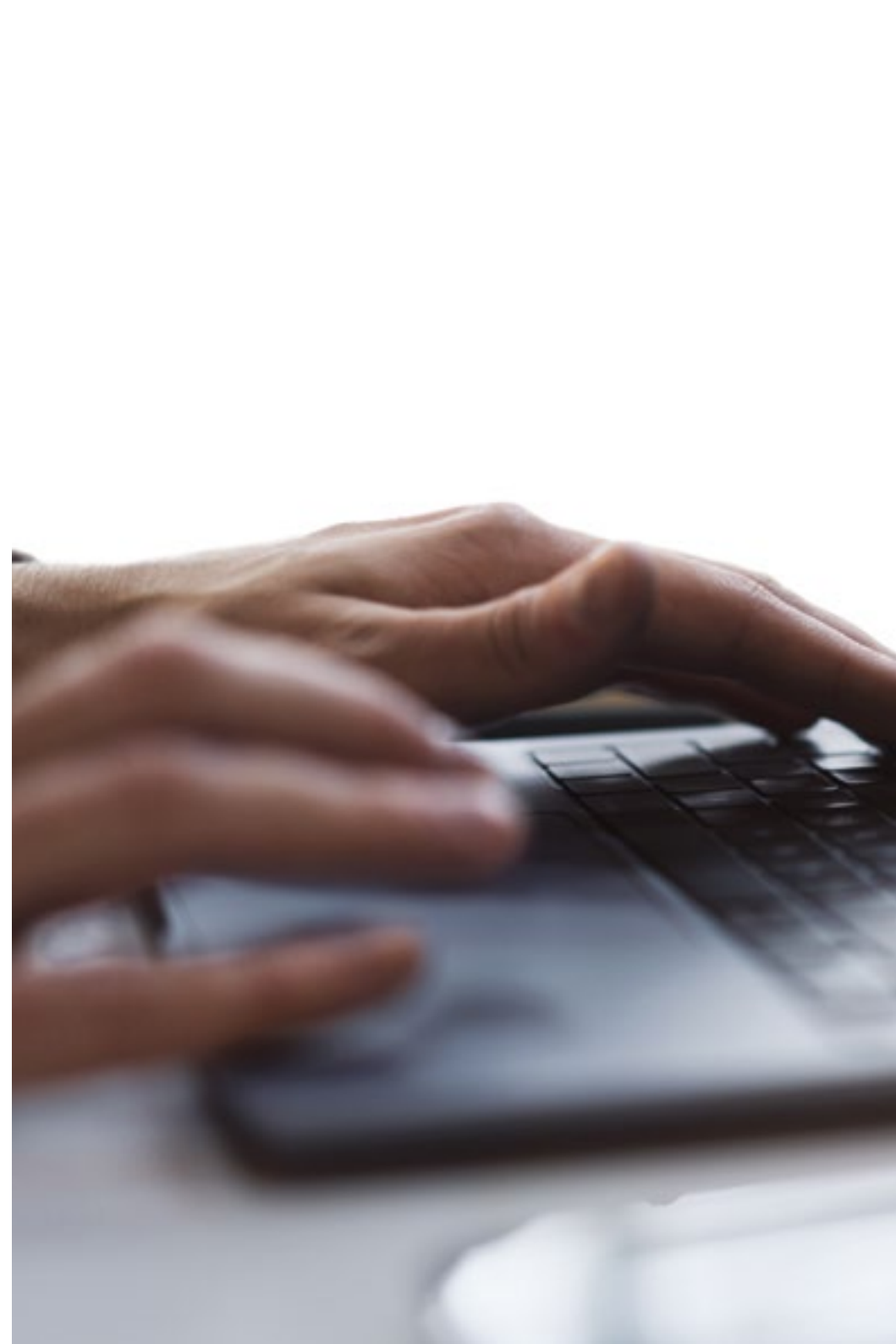
tech

The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want"

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.

Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.

The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

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

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess 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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.

As such, the best educational materials, thoroughly prepared, will be available in this program:

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.

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.

Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.

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 exclusive educational system for presenting multimedia content 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 education.

20%

15%

15%

3%

Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.

Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.

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 for 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.

20%

17%

7%

3%

06

Teaching Staff

The university program features the participation of distinguished specialist physicians who, thanks to their extensive professional and academic experience in prestigious hospitals, provide high-level teaching. Additionally, many of these professionals have vast experience in high-morbidity diseases, ensuring specialized and relevant expertise. The faculty is composed of a multidisciplinary team covering various medical specialties, such as Internal Medicine, Palliative Medicine, and Nursing, among others, which promotes a comprehensive and up-to-date academic experience.

You will update your knowledge alongside renowned experts, incorporating the latest advancements in Home Hospitalization to provide excellence in patient care"

Management

Dr. Lafuente Sanchis, Manuel Pablo

- Head of the Home Hospitalization and Palliative Care Service at La Ribera University Hospital, Valencia
- Specialist in Family and Community Medicine at the Virgen de los Lirios Hospital, Alcoy
- Clinical Simulation Instructor, Catholic University of Murcia
- University Professor in Nursing Studies
- Expert in Palliative Care, International University of La Rioja
- University Expert in University Teaching from the Catholic University of Valencia
- Bachelor's Degree in Medicine and Surgery from the University of Valencia
- Member of: Spanish Society of Home Hospitalization and Spanish Society of Clinical Simulation

Teachers

Dr. Bou Monterde, Ricardo

- Medical Epidemiologist specialized in Preventive Medicine and Public Health
- Head of Epidemiology and Preventive Medicine at La Ribera University Hospital, Valencia
- Epidemiologist at the Department of Health of Catalonia
- Doctor in Medicine and Surgery from the University of Catalonia
- Master's Degree in Clinical Trials from the School of Hygiene and Tropical Medicine, University of London

Dr. Ciancotti Oliver, Lucía

- Attending Physician in the Preventative Medicine Unit at the Ribera University Hospital, Valencia
- Technician of Health Promotion and Prevention of the stages of life
- Specialist in Family and Community Medicine at the Lluis Alcanyis Hospital, Valencia
- Specialist in Preventive Medicine, Public Health and Hygiene at Dr. Peset University Hospital, Valencia
- Bachelor's Degree in Medicine and Surgery from the University of Valencia
- Master's Degree in Public Health and Healthcare Management, University of Valencia
- Member of: Spanish Society of Preventive Medicine, Public Health and Hygiene

Dr. Flor Bustos, Loida
- Specialist in Family and Community Medicine
- Assistant Physician of the Family and Community Medicine Area of the Manises Hospital
- Specialist Physician of the Home Hospitalization and Palliative Care Unit at La Ribera University Hospital, Valencia
- PhD in Medicine and Surgery from the University of Valencia

Ms. Amoros Cantero, Aurora
- Nurse at the Preventive Medicine Service of La Ribera University Hospital
- Nurse at the Neurosurgery, Education and Development Foundation (NED)
- University Diploma in Nursing from the University of Valencia

Ms. Alcover Pons, Marta
- Nurse Specialist in Preventive Medicine
- Nurse of the Preventive Medicine Service of La Ribera University Hospital in Valencia
- University Diploma in Nursing from the University of Valencia

Mr. García-Noblejas Julià, Pablo
- Primary Care Nurse with Expertise in Cardiovascular Risk
- Nurse of the Home Hospitalization and Palliative Care Unit of La Ribera University Hospital
- Master's Degree in Hospital Management, Catholic University of Valencia
- Degree in Nursing from the University of Valencia
- Member of the Valencian Primary Care Nursing Society

Dr. Jara Calabuig, Irina
- Alzira Health Care Physician at La Bassa Health Center
- Physician at La Fàbrica Health Center
- Physician at the Muro d' Alcoi Health Center Auxiliary Clinics
- Physician at the Banyeres de Mariola Health Center
- Teaching collaborator in continuous care at La Fàbrica Health Center (Alcoy), Cocentaina and Carlet
- Specialist in Family and Community Medicine at the Virgen de Los Lirios Hospital
- Degree in Medicine and Surgery from the University of Reus Spain
- Master's Degree in Palliative Care from the University of Valladolid
- Member of: Palliative Care Working Group. SEMERGEN

Dr. Martín Marco, Antonio
- Internal Medicine Specialist at Arnau de Vilanova Hospital, Valencia
- Attending Physician in the Home Hospitalization and Palliative Care Unit
- Head of Teaching and Research in the Palliative Care in Unit
- Master's Degree in Emergency Medical Care
- Master's Degree in Emergency Medical Care
- Degree in Medicine and Surgery from the University of Zaragoza
- Member of: Spanish Society of Medical Oncology and Spanish Society of Internal Medicine

Ms. Marqués Aguilar, Elvira
- Nursing Supervisor, Home Hospitalization and Palliative Care Unit
- University Diploma in Nursing at the University of Valencia
- Master's Degree in School Health
- Case manager for complex chronic patients from the Valencia School of Health Studies

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. Sanchís Aguilar, Paula
- Nurse in Home Hospitalization and Palliative Care Unit of La Ribera University Hospital
- Nurse at Solimar Tavernes Nursing Home
- Case Manager of Complex Chronic Patients at the Valencian School of Health Studies (EVES)
- University Diploma in Nursing from the University of Valencia

Dr. Tarraso Gómez, María Luisa
- Assistant Physician of the Home Hospitalization and Palliative Care Unit of La Ribera University Hospital
- Specialist Physician of the Pain Unit of La Ribera University Hospital
- Specialist in Family and Community Medicine. Residency at Dr. Peset Hospital
- Master's Degree in Palliative Care from the University of Valladolid
- Bachelor's Degree in Medicine and Surgery from the University of Valencia
- Member of: Valencian Society of Home Hospitalization and Palliative Group of the Spanish Multidisciplinary Society of Pain.

Dr. Torrijos Pastor, Antonio
- Physician in Home Hospitalization La Ribera University Hospital
- Outpatient Emergency Physician at Carlet Integrated Health Center
- Specialist in Family and Community Medicine at the Marina Baixa Hospital, Alicante
- Degree in Medicine and Surgery from the University of Cádiz
- University Master's Degree in Palliative Care from the University of Valladolid
- Master's Degree in Clinical Medicine Research from the Miguel Hernández University
- Member of: SVMFYC Home Care Working Group, SEMERGEN Palliative Care Working Group and SEMFYC National Mental Health Working Group.
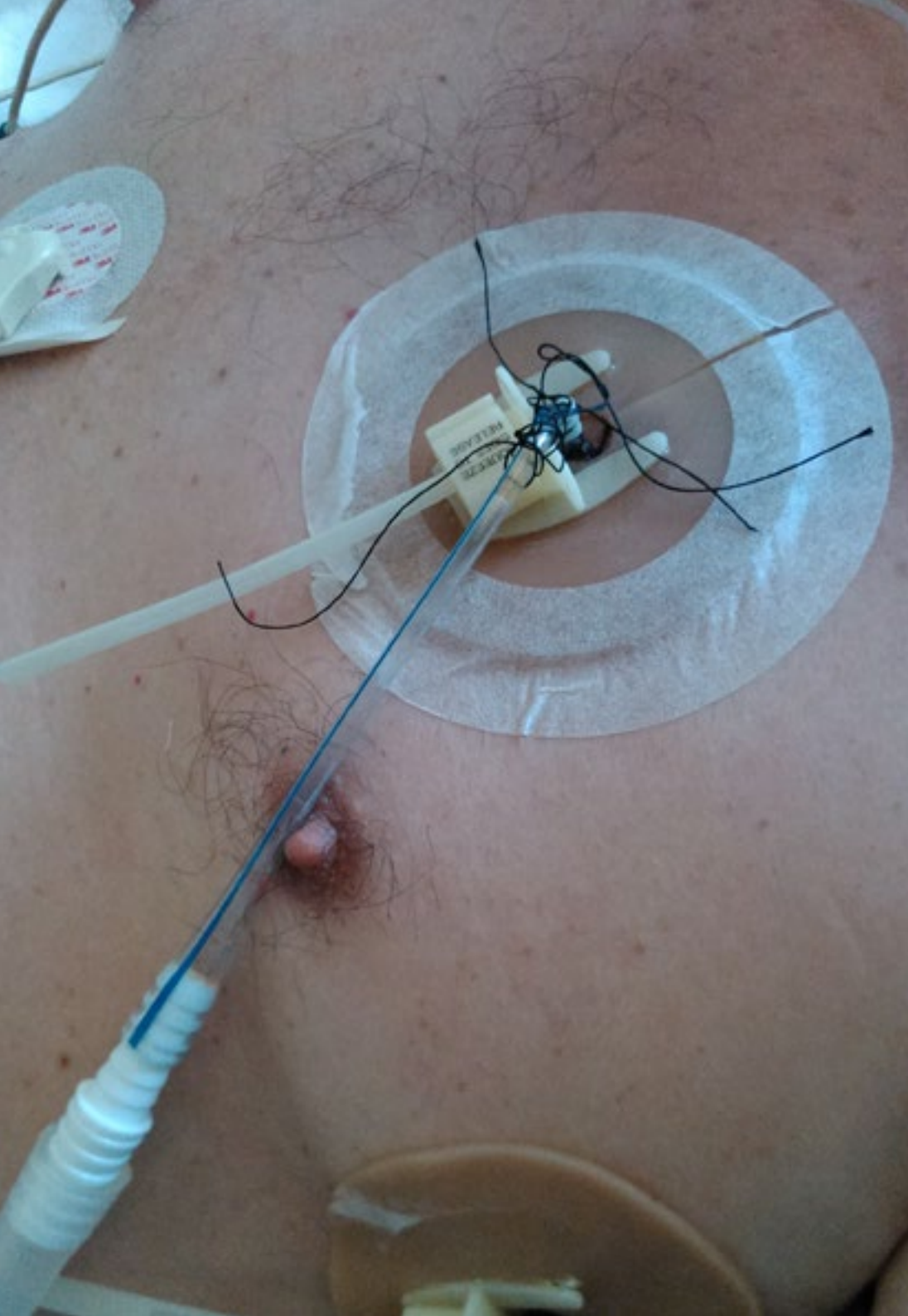
Ms. Vila Herranz, Mireia

- Nurse Case Manager in University Hospital of La Ribera
- Home Hospitalization Nurse at University Hospital of La Ribera
- Emergency Nurse at La Ribera University Hospital
- Diploma in Nursing from the Catholic University of Valencia.

A unique, essential and decisive learning experience to boost your professional development"

07
Certificate

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

"

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

Modality: **Online**

Duration: **12 months.**

Accreditation: **60 ECTS**

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tech global university

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

Professional Master's Degree in Home Hospitalization

This is a private qualification of 1,800 hours of duration equivalent to 60 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

Dr. Pedro Navarro Illana
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

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Professional Master's Degree in Home Hospitalization

General Structure of the Syllabus

Subject type	ECTS
Compulsory (CO)	60
Optional (OP)	0
External Work Placement (WP)	0
Master's Degree Thesis (MDT)	0
Total 60	

General Structure of the Syllabus

Year	Subject	ECTS	Type
1º	Organization of Home Hospitalization	4	CO
1º	General Aspects. Research and Teaching	4	CO
1º	Care for Different Types of Specific Patients	4	CO
1º	Syndromes Suitable for Home Management	4	CO
1º	Management of Infections at Home. Admission and Exclusion Criteria, Management, Discharge Criteria	4	CO
1º	Palliative Care and Oncology Patients	4	CO
1º	Pain Management in Home Hospitalization	4	CO
1º	Nutrition in Home Hospitalization	4	CO
1º	Special Treatments	4	CO
1º	Pediatric Patients in Home Hospitalization	4	CO
1º	Preventive Medicine	4	CO
1º	Therapeutic Techniques	8	CO
1º	Diagnostic Techniques	8	CO

Dr. Pedro Navarro Illana
Dean

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*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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Professional Master's Degree
Home Hospitalization

» Modality: **Online**
» Duration: **12 months.**
» Certificate: **TECH Global University**
» Accreditation: **60 ECTS**
» Schedule: **at your own pace**
» Exams: **online**

Professional Master's Degree
Home Hospitalization

Endorsed by:

SVHaD
SOCIEDAD VALENCIANA DE HOSPITAL A DOMICILIO

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