

Hybrid Professional Master's Degree Nursing in Internal Medicine





Hybrid Professional Master's Degree Nursing in Internal Medicine

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

60 + 5 credits ECTS

Website: www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-nursing-internal-medicine

Index

01

Introduction

p. 4

02

Why Study this Hybrid
Professional Master's Degree?

p. 8

03

Objectives

p. 12

04

Competencies

p. 18

05

Course Management

p. 22

06

Education Plan

p. 26

07

Clinical Internship

p. 34

08

Where Can I Do the
Clinical Internship?

p. 40

09

Methodology

p. 46

10

Certificate

p. 54

01

Introduction

Internal medicine, understood as that which provides comprehensive care to the sick adult patient, focused on the diagnosis and non-surgical treatment of diseases affecting their internal organs and systems, has undergone a great evolution in recent years. Therefore, it is necessary for nursing professionals working in internal medicine services to keep their knowledge constantly up-to-date in order to provide care based on the latest scientific evidence, the most recent medical technology and the evolution of healthcare procedures. This program allows the Students to up to date their knowledge in a theoretical way and practical adapting to their needs.



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This very complete Hybrdi Professional Master's Degree by TECH will provide you with the necessary tools to practice in the field of Internal Medicine Nursing with greater success"

The objective of the Hybrid Professional Master's Degree for Nursing in Internal Medicine is to cover the updating space demanded by professionals interested in the area, seeking usefulness in routine clinical practice and encouraging high-level research in the aspects covered. This health specialty has a very broad and innovative field of action with the introduction of new technologies in the detection of pathologies, their attention and the necessary care for each process. Based on all these techniques and tools, the nursing expert is a key player in the multidisciplinary approach to the rarest and most complex diseases.

Faced with this panorama, TECH presents this program that will allow students to develop their full potential. To this end, the degree program is structured in 2 well-defined parts, with the mission of providing them with different competences and equipment. In the first instance, and in a 100% online format, the professional will acquire all the necessary knowledge to practice in the nursing area within internal medicine services.

During this phase, they will address various pathologies and chronic conditions. In addition, there will be a theoretical review of the most up-to-date intervention and care protocols in this sector.

This Internship consists of a practical stay in a prestigious At Hospital, lasting 3 weeks, from Monday to Friday with 8 consecutive hours of work with an assistant tutor. Through this face-to-face and 100% practical experience, the nursing professional will be able to deal with real patients, always accompanied by a team of the best experts. They will be in charge of instructing you to be able to apply the latest and most effective procedures in the daily practice of your profession. The assimilation of this knowledge will be supervised by an assistant tutor with proven qualifications. Therefore, graduates of this program will start working in a continuously changing sector with the security that comes from having the most updated knowledge in the market.

This **Hybrid Professional Master's Degree in Nursing in Internal Medicine** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Development of more than 100 clinical cases presented by nursing professionals with expertise in intensive care and university professors with extensive experience in the critical patient
- ♦ 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
- ♦ Assessment and monitoring of the critically ill patient, the latest international recommendations for life support maneuvers, critical care in patients with neurological, cardiovascular and respiratory disorders, care of the severe traumatic patient in intensive care, pharmacology and transport in the critically ill patient, etc
- ♦ Comprehensive systematized action plans for the main pathologies in the intensive care unit. in the intensive care unit
- ♦ Presentation of practical workshops on procedures, diagnosis, and treatment techniques in critical patients
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ Practical clinical guides on approaching different pathologies
- ♦ With a special emphasis on evidence-based medicine and research methodologies in Intensive Care Nursing
- ♦ 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
- ♦ Furthermore, you will be able to carry out a clinical internship in one of the best hospital centers

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The theoretical contents of this degree will be accessible from any device connected to the Internet thanks to the multiple functionalities of TECH's 100% online learning platform"

In this proposal for a Master's Degree, of a professionalizing nature and blended learning modality, the program is aimed at updating nursing professionals who perform their functions in Dental units, and who require a high level of qualification. The content is based on the latest scientific evidence and is organized in a didactic way to integrate theoretical knowledge into nursing practice. The theoretical-practical elements allow professionals to update their knowledge and help them to make the right decisions in patient care.

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 education program to learn in real situations. The design of this program is focused on Problem-Based Learning, by means of which the student will have to try to solve the different professional practice situations that will be presented throughout the program. This will be done with the help of an innovative interactive video system developed by renowned experts in intensive care units with extensive teaching experience.

This Master will provide you with the analysis of more than 100 clinical cases under the rigorous guidance of professors with extensive experience in the field of Internal Medicine Nursing.

Through this degree, you will develop practical and theoretical skills for the comprehensive management of chronically ill and bedridden patients.



02

Why Study this Hybrid Professional Master's Degree?

This Hybrid Professional Master's Degree is of vital importance for all those professionals who wish to up-to-date their knowledge within the discipline of Internal Medicine Nursing. Through this innovative program, designed by TECH, students will master intervention and prevention protocols against biological risks. In addition, this degree has a practical, on-site and international internship, which allows students to quickly and flexibly assimilate the knowledge most in demand in this professional field.





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Nursing professionals and their performance in Internal Medicine units are governed by internationally standardized protocols that you will be able to analyze through this innovative program”

1. Updating from the Latest Technology Available

Throughout this program of studies, the student will delve into novel techniques and tools for the intervention of chronic diseases and other health complexities. In particular, they will complete the degree with a skilled handling of technologies such as mechanical pulmonary ventilators and arterial blood gas protocols for the bedridden patient. These skills will provide them with immediate opportunities in a competitive and demanding employment market.

2. Gaining In-depth Knowledge from the Experience of Top Nurse

Throughout this training, students will have a team of excellent teachers who will provide them with personalized guidance at all times. These teachers have chosen the contents of the syllabus based on their daily practical experiences. Therefore, the degree provides an in-depth analysis of the most common problems of daily work practice.

3. Delve in prestigious environments in the field of nursing.

In a second stage of this program, TECH has foreseen the needs of its students in terms of the management of the most complex tools and protocols from the point of view of Internal Medicine Nursing. For this reason, it has planned a practical on-site stay where students will work side by side with leading experts in this professional field and in the most respected hospital facilities on an international scale.





4. Combining the Best Theory with State-of-the-Art Practice

At the academic level, few programs of study manage to unify the theoretical field with practical activity with greater excellence. From this model of Hybrid Professional Master's Degree, students achieve a holistic mastery of the trends and techniques embodied in its educational content. They also have 3 weeks of classroom activity in a prestigious center to apply everything they have learned in the productive dynamics.

5. Expanding the Boundaries of Knowledge

This training aims to enable all students to broaden their professional horizons from an international perspective. This is possible thanks to the breadth of contacts and partners available at TECH, the world's largest digital university. In this way, students will have the opportunity to interact with experts from different latitudes and identify global standards in nursing.

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You will have full practical immersion at the center of your choice”

03

Objectives

The general objective of the Hybrid Professional Master's Degree in Nursing in Internal Medicine is to ensure that the professional updates the diagnostic and therapeutic procedures of the specialty in an exclusively practical way, through the most complete theoretical contents of the sector and a hospital stay designed with clinical and academic rigor, under the guidance of renowned professionals in a hospital center of the highest scientific quality and technological innovation. In this Hybrid Professional Master's Degree, the professional will address the main interventions to be performed by the nursing staff that will allow them to improve and enhance their skills in internal medicine care.





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Don't miss this great opportunity of improving the level of your interventions in the area of internal medicine with this Hybrid Professional taking a complete Master's Degree that TECH puts in your hand"



General Objective

- To up-to-date the professionals' knowledge of nursing procedures in the integral assessment of the patient and to understand the functioning of the internal medicine service and its organization.. In addition, you will master the most relevant diseases, attended by nursing professionals in internal medicine units, as well as the most relevant and updated care that can be provided to them. In turn, identify emergency situations in patients with VTE and up-to-date the procedures to deal with them

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Specific Objectives

Module 1. General Information on the Organization of Internal Medicine Services

- ♦ Describe the Internal Medicine Service and its organization
- ♦ Update expert nursing care related to patient safety

Module 2. Treatment of Patient with Prolonged Fever of Unknown Origin

- ♦ Update nursing procedures in comprehensive patient assessment
- ♦ Explain the most relevant diseases and care in the internal medicine service
- ♦ Assess the importance of the proper use of the nursing record in the internal medicine service, and describe the implementation procedures

Module 3. Monitoring of a Nosocomial Infection

- ♦ Describe nursing care before and after diagnostic procedures and techniques in the internal medicine inpatient unit
- ♦ Identify the clinical changes in different situations
- ♦ Identify measures that contribute to the prevention of nosocomial infections

Module 4. Caring for Patients with Sepsis and Septic Shock

- ♦ Recognize the material resources necessary to perform the different diagnostic or therapeutic tests
- ♦ Develop supportive, pathophysiological and etiological treatments for patients with sepsis and septic shock

Module 5. Care of Dependent Pluripathological Patient

- ♦ Describe nursing care before and after diagnostic procedures from in the internal medicine inpatient unit
- ♦ Differentiate which risk factors we can modify and how to modify them

Module 6. Caring for a Patient with Acute and Chronic Liver Alterations

- ♦ Differentiate the Main Complications in Chronic Hepatitis
- ♦ the protocols of Prevention of Hepatitis Infection

Module 7. Nursing Care in Diabetes Mellitus Type 1 and 2

- ♦ Identify the most common health problems in chronic illnesses
- ♦ Update the complications that can appear in diabetes, to be able to anticipate them and prevent them from occurring, or to know how to act if they have already appeared
- ♦ Explain the lifestyle changes that a person with diabetes should make to gain control of the disease

Module 8. Nursing Care in Patients with Metabolic Syndrome

- ♦ Incorporate action procedures for dealing with certain illnesses associated with metabolic syndrome into daily practice
- ♦ Manage the therapeutic and pharmacological regimen associated with metabolic syndrome

Module 9. Caring for a Patient With Heart Failure

- ♦ Apply standard nursing procedures and techniques in La acute heart failure
- ♦ Master the clinical manifestations of relaxation

Module 10. Caring for a Patient with HIV

- ♦ To facilitate the epidemiological, clinical and laboratory diagnosis of patients with HIV
- ♦ Implement HIV infection prevention measures

Module 11. Caring for a Patient with Chronic Intestinal Alterations

- ♦ Care and Treatment of Inflammatory Bowel Disease
- ♦ Know the symptoms of chronic intestinal diseases such as ulcerative colitis

Module 12. Caring for a Patient With Kidney Failure

- ♦ Master the clinical manifestations of acute renal failure and its differences with chronic renal failure
- ♦ Assess and apply care to the patient with acute or chronic renal failure

Module 13. Caring for a Patient with CPOD

- ♦ Implement pharmacological and non-pharmacological treatments for stable COPD
- ♦ Describe the technique of arterial blood gas analysis in the bedridden patient



Module 14. Caring for a Patient with Hematologic Alterations

- ◆ Apply standard nursing procedures and techniques in La Hematological Alterations
- ◆ Master the clinical manifestations of relaxation

Module 15. Caring for a Patient with Venous Thromboembolism Disease

- ◆ Explain the patient use of inhalers and their effectiveness in each case
- ◆ Identify emergency situations in patients with VTE and update procedures to deal with them

Module 16. Nursing Care of a Stroke Patient in the Acute and Chronic Phases

- ◆ Participate in the rehabilitation process of people with ICTUS
- ◆ Develop nursing care to patients with ICTUS

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You are looking at an immersive preparation program that will generate a sense of security in the performance of nursing practice and help you grow personally and professionally"



04

Competencies

After passing the evaluations of the Hybrid Professional Master's Degree for Nursing in Internal Medicine, the nursing professional will have acquired the professional competencies necessary for quality nursing care in the operating room, and up-to-date based on the latest scientific evidence.



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Through this program you will be able to up-to-date your knowledge in internal medicine nursing, and you will be able to perform top quality care"



General Skills

- ♦ Apply acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to the field of study
- ♦ Integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments
- ♦ Know how to communicate conclusions, knowledge, and supporting arguments to specialized and non-specialized audiences in a clear and unambiguous way
- ♦ Acquire study skills that will enable further study in a largely self-directed or autonomous manner
- ♦ Develop within the profession in terms of working with other health professionals, acquiring skills to work as a team
- ♦ Recognize the need to maintain and update professional competence with special emphasis on autonomous and continuous learning of new knowledge
- ♦ Develop the capacity for critical analysis and research in your professional field





Specific Skills

- ♦ Develop the professional nursing functions in the internal medicine services
- ♦ Perform nursing procedures in the comprehensive assessment of the patient based on the latest scientific evidence
- ♦ Explain the most relative illnesses and types of care in Internal Medicine
- ♦ Integrate the nursing record into daily practice in an internal medicine unit
- ♦ Integrate nursing care which guarantees patient safety into daily practice
- ♦ Recognise the signs and symptoms of the common pathologies in internal medicine services
- ♦ Relate nursing care to each one of the diagnostic and therapeutic actions which are performed in internal medicine
- ♦ Identify which resources and material equipment are necessary for performing the different diagnostic and therapeutic tests
- ♦ Plan the measures that contribute to the prevention of nosocomial infections
- ♦ Describe the complications of diabetes mellitus and design actions for their prevention
- ♦ Explain the lifestyle changes that a person with diabetes should make to gain control of the disease
- ♦ Identify the risk factors of the most common pathologies in internal medicine
- ♦ Explain the main signs and symptoms of metabolic syndromes
- ♦ Integrate the technique of arterial blood gas analysis in a hospitalized patient
- ♦ Explain to the patient how inhalation treatments work so that they can administer them independently
- ♦ Recognise the signs and symptoms of emergency situations of VTE and determine the actions to take in dealing with these situations



With the help of this program, you will become an Internal Medicine Nurse Practitioner with extensive theoretical and practical skills in the management of patients with stroke"

05

Course Management

TECH has integrated to a teaching staff of excellence to this academic degree. They have been in charge of shaping the educational syllabus, integrating their practical experiences and the most updated theoretical knowledge. These professors have also developed multimedia resources that will reinforce the assimilation of skills in the student and, in view of their face-to-face stay in hospital centers, will have provided them with a solid base of skills in internal medicine.



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TECH's teachers will offer you their specialized guidance through this blended learning Master's program so that you can become a prestigious expert with speed and flexibility"

Management



Ms. Ródenas Giménez, María Asunción

- Nursing Supervisor of the Internal Medicine Service at the Hospital General Universitario de Elche
- Postgraduate Certificate in Nursing
- Master's Degree in Nursing Sciences, University of Alicante, Spain
- Member of the Thrombosis and Hemostasis Commission of the Hospital General Universitario de Elche, Clinical Research Team in the Internal Medicine Service of the Hospital General Universitario de Elche

Professors

Ms. Cantó Pastor, María Teresa

- ♦ Nurse in the Internal Medicine Service at the General University Hospital of Elche
- ♦ Postgraduate Certificate in Nursing
- ♦ Master's Degree in Nursing Sciences, University of Alicante, Spain
- ♦ Course of Pedagogical Adaptation in the Faculty of Health Sciences at the University of Alicante

Ms. Miguel Manzanera, Matilde

- ♦ Nurse Specialist in Internal Medicine
- ♦ Nurse Specialist in the Hospitalization Units of Cardiology, Pneumology and Infectious Diseases at the General University Hospital of Elche
- ♦ Instructor of Refresher Courses in the Respiratory Area, Mechanical Ventilation and BIPAP Management
- ♦ Postgraduate Certificate in Nursing



Dr. López García, Francisco

- ◆ Specialist Physician of the Internal Medicine Service at the Hospital General Universitario de Elche
- ◆ Attending Physician at the HM Montepíncipe Hospital
- ◆ Adjunct Physician of the Hospitalization Area at the Hospital San Jaime
- ◆ Coordinator and Principal Investigator of the multicenter studies in COPD
- ◆ Secretary of EPOC Working Group of the Spanish Society of Internal Medicine
- ◆ Author of more than 80 scientific publications and 32 chapters in books and monographs
- ◆ Author and editor of 6 published books on COPD
- ◆ Speaker at national and international congresses specialized in Internal Medicine
- ◆ Degree in Medicine and Surgery from the University of Alicante
- ◆ Member of Valencian Community Society of Internal Medicine

Dr. Mora Rufete, Antonia

- ◆ Head of Section of the Internal Medicine Service at the Hospital General Universitario de Elche
- ◆ Specialist in Internal Medicine at the Hospital General Universitario de Elche
- ◆ Author dozens of scientific articles on her specialty
- ◆ PhD for Medicine from the University of Alicante

06

Educational Plan

The syllabus of this Hybrid Professional Master's Degree has up-to-date content and protocols for the management of various diseases that must be attended by nurses in Internal Medicine services. In particular, the degree program provides an in-depth study of the organization of this type of health care units and their different modalities. It also examines the most innovative care for patients with renal failure, chronic heart problems, type I and II diabetes mellitus, among others. It will also address the main prevention protocols against infectious diseases such as HIV.



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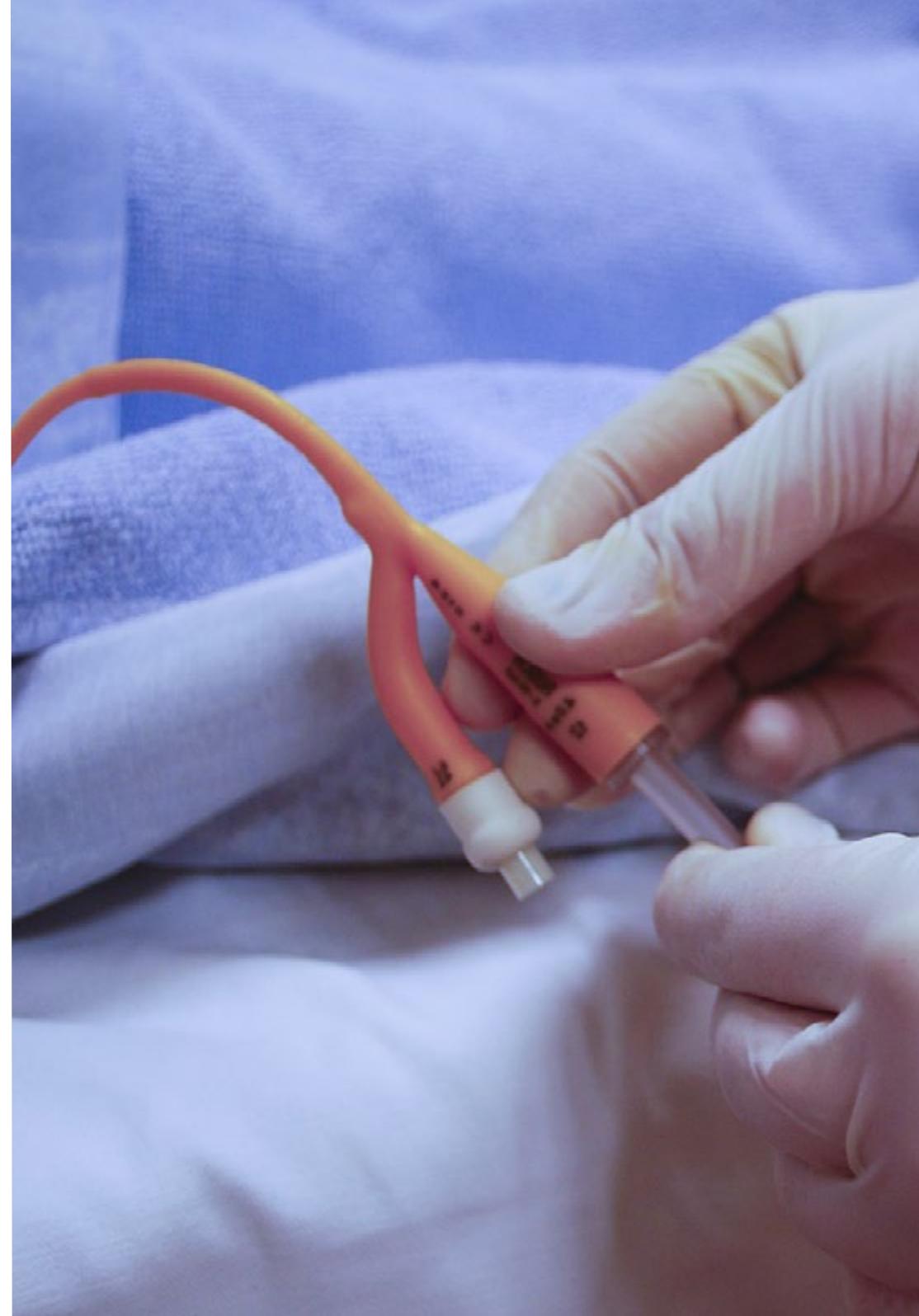
The contents of this syllabus are accessible at any time and place, by means of a device connected to the Internet, through the multiple functionalities of TECH's 100% online learning platform"

Module 1. General Information on the Organization of Internal Medicine Services

- 1.1. Introduction
- 1.2. Care Models and Portfolio of Services
 - 1.2.1. Conventional Hospitalization
 - 1.2.2. Day Hospital
 - 1.2.3. External Consultation
 - 1.2.4. Home Hospitalization
 - 1.2.5. Portfolio of services
- 1.3. Location and Resources of Internal Medicine Services
 - 1.3.1. Location of Internal Medicine Services and Relationship with Other Services
 - 1.3.2. Structural Resources
 - 1.3.3. Human resources
- 1.4. Procedures, Activities and Protocols
 - 1.4.1. Working Rules in the Different Structural Resources
 - 1.4.2. Patient Management: Admission, Medical History and Practice Protocols
 - 1.4.3. Clinical and Care List of Informed Consent

Module 2. Treatment of Patient with Prolonged Fever of Unknown Origin

- 2.1. Introduction to Fever of Unknown Origin
- 2.2. Definitions
 - 2.2.1. Fever of Unknown Origin
 - 2.2.2. Hyperthermia
- 2.3. FOD Classification
 - 2.3.1. Classic FUO
 - 2.3.2. Nosocomial FUO
 - 2.3.3. Neutropenia FUO
 - 2.3.4. FUO associated with HIV
- 2.4. Etiology of FUO
 - 2.4.1. Pathology
 - 2.4.2. Neoplasms
 - 2.4.3. Non-infectious Inflammatory Diseases
 - 2.4.4. Miscellaneous



- 
- 2.5. DJD Diagnosis
 - 2.5.1. Medical History, Anamnesis and Thorough Physical Examination
 - 2.5.2. Complementary Tests: Laboratory, Radiological Tests and Others
 - 2.6. FOD Treatment
 - 2.6.1. Antipyretics
 - 2.6.2. Specific Treatment
 - 2.7. Evolution and Prognosis

Module 3. Monitoring of a Nosocomial Infection

- 3.1. Concepts
 - 3.1.1. Asepsis Antisepsis Sterile Technique
- 3.2. General Isolation Measures
 - 3.2.1. General Isolation Techniques
 - 3.2.2. Clothing
 - 3.2.3. Disinfection
- 3.3. Infection Control Precautions
 - 3.3.1. Standard Precautions
 - 3.3.2. Precautions Based on Transmission
- 3.4. Nosocomial Infections
 - 3.4.1. Locations
 - 3.4.2. Risk Factors
 - 3.4.3. Types of Isolation
 - 3.4.4. Prevention of Nosocomial Infections
- 3.5. Preventions of Infections Associated with Various Hospital Procedures
 - 3.5.1. Prevention of Nosocomial Infections Associated with Vesical Probing
 - 3.5.2. Recommendations for Preventing Infections Associated with the Insertion of Intravenous Catheters
- 3.6. Prevention of Infections of the Professional
 - 3.6.1. Rules Vaccines Recommendations

Module 4. Caring for Patients with Sepsis and Septic Shock

- 4.1. Basic Aspects
 - 4.1.1. Concept. Epidemiology. Definitions
- 4.2. Pathogenesis Clinical Manifestations
 - 4.2.1. Pathophysiology and Pathogenesis
 - 4.2.2. Clinical Picture. Symptoms and Signs
- 4.3. Complementary Evaluations. Diagnosis
 - 4.3.1. Complementary Evaluations
 - 4.3.2. Diagnostic Etiological Syndrome
 - 4.3.3. Differential Diagnosis
- 4.4. Treatment. Prognosis
 - 4.4.1. Support and Pathophysiological Treatment
 - 4.4.2. Etiological Treatment Antibiotics
 - 4.4.3. Prognosis
- 4.5. Nurse Methodology in Situations of Sepsis and Septic Shock
 - 4.5.1. Prevention. Control. Treatment

Module 5. Care of Dependent Pluripathological Patient

- 5.1. Historical Introduction and Definitions
 - 5.1.1. Comorbidity
 - 5.1.2. Fragility for
 - 5.1.3. Disability
 - 5.1.4. Dependency
- 5.2. Comprehensive Assessment
 - 5.2.1. Physical or Clinical Assessment
 - 5.2.2. Functional Assessment
 - 5.2.3. Cognitive-Affective Assessment
 - 5.2.4. Social Appraisal
- 5.3. Nursing Care Plans
 - 5.3.1. General Aspects
 - 5.3.2. Protocols
 - 5.3.3. Techniques
- 5.4. Social - Health Resources
 - 5.4.1. Legal Framework
 - 5.4.2. Care Programs

Module 6. Caring for a Patient with Acute and Chronic Liver Alterations

- 6.1. Acute Hepatitis
 - 6.1.1. Toxic Hepatitis
 - 6.1.2. Viral Hepatitis
 - 6.1.3. Characteristics and Treatment
- 6.2. Chronic Hepatitis
 - 6.2.1. Hepatic Cirrhosis
 - 6.2.2. Viral Hepatitis (Hepatitis B and C)
 - 6.2.3. Toxic Hepatitis: Alcohol and Drugs
- 6.3. Main Complications in Chronic Hepatitis
- 6.4. Nursing Procedures
 - 6.4.1. Prevention of Hepatitis Infection
 - 6.4.2. Nursing Care in Patients with Hepatitis

Module 7. Nursing Care in Diabetes Mellitus Type 1 and 2

- 7.1. Introduction
 - 7.1.1. Definition
 - 7.1.2. Classification
 - 7.1.3. Diagnosis
- 7.2. Treatment Objectives
 - 7.2.1. General Objectives
 - 7.2.2. Self Control
- 7.3. Acute Problems
 - 7.3.1. Diabetic ketoacidosis
 - 7.3.2. Non-Ketoacidosis Hyperglycemic Hyperosmolar Syndrome
 - 7.3.3. Hypoglycemic Coma
 - 7.3.4. Nursing Care in the Case of Complications
- 7.4. Chronic Complications
 - 7.4.1. Microvascular
 - 7.4.2. Macrovascular
 - 7.4.3. Diabetic Foot
 - 7.4.4. Nursing Care
- 7.5. Diabetic Education
 - 7.5.1. Feeding
 - 7.5.2. Physical exercise
 - 7.5.3. Pharmacological Treatment: Oral Antidiabetic Drugs and Different Types of Insulin

Module 8. Nursing Care in Patients with Metabolic Syndrome

- 8.1. Introduction
 - 8.1.1. Concept
 - 8.1.2. Epidemiology
 - 8.1.3. Diagnosis
- 8.2. Factors Which Make Up Metabolic Syndrome
- 8.3. Therapeutic Regime
 - 8.3.1. Pharmacology
 - 8.3.2. Nursing Care
 - 8.3.3. Health education

Module 9. Caring for a Patient With Heart Failure

- 9.1. Introduction
 - 9.1.1. Concept and Definitions
 - 9.1.2. Pathophysiology. Triggering Factors and Forms of Presentation
 - 9.1.3. Etiopathogenesis. Types of Heart Failure
- 9.2. Clinical Manifestations
 - 9.2.1. Clinical Picture. Symptoms
 - 9.2.2. Functional Classification
 - 9.2.3. Physical Examination Signs
- 9.3. Complementary Examinations and Diagnosis
 - 9.3.1. Basic Complementary Tests
 - 9.3.2. Diagnostic Criteria. Diagnostic Algorithm
- 9.4. Treatment of Heart Failure
 - 9.4.1. General Measures
 - 9.4.2. Treatment of Acute Heart Failure
 - 9.4.3. Treatment of Chronic Heart Failure
- 9.5. Nurse's Action in Acute Heart Failure
 - 9.5.1. Assessment and Patient Care
 - 9.5.2. Procedures and Usual Techniques
- 9.6. Nurse's Action in Chronic Heart Failure
 - 9.6.1. Assessment and Patient Care
 - 9.6.2. Procedures and Usual Techniques

Module 10. Caring for a Patient with HIV

- 10.1. Basic Aspects and Diagnosis of HIV
 - 10.1.1. Concept
 - 10.1.2. Epidemiology
 - 10.1.3. Pathophysiology
- 10.2. Therapeutic Regime
 - 10.2.1. Pharmacology
 - 10.2.2. Nursing Care
 - 10.2.3. Health education
- 10.3. AIDS
 - 10.3.1. Prevention
 - 10.3.2. Current Situation
 - 10.3.3. Advances

Module 11. Caring for a Patient with Chronic Intestinal Alterations

- 11.1. Diarrhea
- 11.2. Crohn's Disease
- 11.3. Ulcerative Colitis
- 11.4. Care and Treatment of Inflammatory Bowel Disease

Module 12. Caring for a Patient With Kidney Failure

- 12.1. Introduction and Definitions
 - 12.1.1. Nephrological Syndromes
 - 12.1.2. Acute and Chronic Kidney Failure
- 12.2. Acute Kidney Failure
 - 12.2.1. Concept. Etiopathogenesis. Clinical Forms
 - 12.2.2. Clinical Manifestations Diagnosis. Complications
 - 12.2.3. Treatment. Prognosis. Prevention
- 12.3. Chronic Kidney Disease
 - 12.3.1. Concept. Etiopathogenesis. Pathophysiology
 - 12.3.2. Clinical Manifestations Diagnosis
 - 12.3.3. Treatment. Prognosis. Prevention
- 12.4. Renal Function Replacement Therapy
 - 12.4.1. Hemodialysis Peritoneal Dialysis
 - 12.4.2. Renal Transplant
- 12.5. Nurse's Action in Acute and Chronic Kidney Failure
 - 12.5.1. Assessment and Patient Care
 - 12.5.2. Procedures and Usual Techniques

Module 13. Caring for a Patient with CPOD

- 13.1. Introduction. General Aspects
 - 13.1.1. Concept. Epidemiology. Risk Factors
 - 13.1.2. Etiopathogenesis. Pathophysiology. Pathologic Anatomy
- 13.2. Treatment of Stable CPOD
 - 13.2.1. General and Preventative Measures
 - 13.2.2. Medical Treatment
 - 13.2.3. Non-Pharmacological Treatment
- 13.3. COPD Exacerbation
 - 13.3.1. Concept and Importance
 - 13.3.2. Diagnosis and Treatment
- 13.4. Arterial Blood Gases
- 13.5. Inhalation Therapy
- 13.6. Nursing Care in Primary Care
- 13.7. Nursing Care in the Hospital

Module 14. Caring for a Patient with Hematologic Alterations

- 14.1. Definition and Classification of Hematologic Alterations
 - 14.1.1. From Excess: Polyglobulia Leukocytosis (lymphocytosis and neutrophilia) Thrombocytosis
 - 14.1.2. From Deficiency: Anemia Leukopenia (lymphopenia and neutropenia) Thrombopenia
- 14.2. Anaemia
 - 14.2.1. Classification
 - 14.2.2. Pathophysiology
 - 14.2.3. Etiology
 - 14.2.4. Clinical Assessment
 - 14.2.5. Diagnosis
 - 14.2.6. Treatment
- 14.3. Assessment and Nursing Care in Patients with Hematologic Alterations
 - 14.3.1. General Aspects
 - 14.3.2. Protocol
 - 14.3.3. Techniques
 - 14.3.4. Health education

Module 15. Caring for a Patient with Venous Thromboembolism Disease

- 15.1. Basic Aspects of VTE
 - 15.1.1. Concept
 - 15.1.2. Epidemiology
- 15.2. Pathophysiology of AHT
 - 15.2.1. Risk Factors
- 15.3. Diagnosis
 - 15.3.1. Signs and Symptoms
 - 15.3.2. Complementary Evaluations
 - 15.3.3. Rehabilitation of Stroke Patients
- 15.4. Therapeutic Regime
 - 15.4.1. Pharmacology
 - 15.4.2. Nursing Care
 - 15.4.3. Health education



Module 16. Nursing Care of a Stroke Patient in the Acute and Chronic Phases

- 16.1. Cerebrovascular Accident (CVA) or Stroke
 - 16.1.1. Pathophysiology
 - 16.1.2. Causes
 - 16.1.3. Diagnostic Tests
- 16.2. Code Stroke
 - 16.2.1. Action Protocol
 - 16.2.2. Organization of Health Care
 - 16.2.3. Thrombolysis
 - 16.2.4. Assessment Scales: Neurological and Functional

“

This training will update you on the latest scientific and technological advances in Internal Medicine Nursing, which will give you great advantages in your professional career”

07

Clinical Internship

After passing the online learning period, the program includes a practical training period in a reference clinical center. The student will have at their disposal the support of a tutor who will accompany them throughout the entire process, both in the preparation and in the development of the clinical internship.



“

Do your clinical internship in one of the best hospital centers and acquire holistic knowledge about international protocols for the care of COPD patients”

The Practical Training period of this intensive care nursing program consists of a practical clinical stay in the center of the student's choice, lasting 3 weeks, from Monday to Friday with 8 consecutive hours of work, with an assistant tutor. This stay will allow to see real patients alongside a team of professionals of reference in the area of intensive care nursing, applying the most innovative diagnostic procedures and planning the latest generation of therapy for each pathology.

In this training proposal, completely practical in nature, the activities are aimed at developing and perfecting the competencies necessary for the provision of health care in areas and conditions that require a high level of qualification, and which are oriented towards specific training for the exercise of the activity in an environment of safety for the patient and high professional performance.

It is undoubtedly an opportunity to learn by working in the innovative hospital of the future where real-time health monitoring of patients is at the center of the digital culture of its professionals. This is a new way of understanding and integrating healthcare processes, and makes the selected centers the ideal teaching scenario for this innovative experience in the improvement of professional medical competencies for the 21st century.

The practical education will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of teachers and other fellow trainees that facilitate teamwork and multidisciplinary integration as transversal competencies for clinical nursing practice (learning to be and learning to relate).



The procedures described below will be the basis of the practical part of the training, and their implementation will be subject to the center's own availability and workload, the proposed activities being the following:

Module	Practical Activity
General information on the organization of the Internal Medicine Department and the basic management of patients with unknown diseases	Apply the norms of procedures, activities and protocols established in the Internal Medicine ward. in the Internal Medicine ward
	Define, classify, evaluate the clinical manifestations and apply specific treatment to patients with different ailments of unknown cause
	To understand the modalities of care and portfolio of services that fall under the responsibility of the nurse in internal medicine: conventional hospitalization, outpatient and home visits, day hospital and others
Tools and techniques for the management of management of patients with sepsis and septic shock	Participate in the clinical and epidemiological diagnosis of the patient
	Develop supportive, pathophysiological and etiological treatments for patients with sepsis and septic shock
	To practice the measures of prevention, control and treatment of nursing in septic shock situation
Up-to-date tools and protocols for the management of patients with heart failure and COPD	Use the nursing care plan according to the predominant pathology. to the predominant pathology
	Apply standard nursing procedures and techniques in patients with acute and/or chronic heart failure
	Implementing pharmacological and non-pharmacological treatments of stable COPD
Advanced strategies for the management of patients with acute or chronic phase stroke and the care of patients with HIV	Putting palliative care into practice end-of-life care
	Participate in the rehabilitation process of people with ICTUS
	Develop nursing care to patients with ICTUS
	To collaborate in the epidemiological, clinical and laboratory diagnosis of patients with HIV
	Implement HIV infection prevention measures

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.



General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program are as follows:

1. TUTOR: During the Hybrid Professional Master's Degree, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

2. DURATION: The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

3. ABSENCE: If the students does not show up on the start date of the Hybrid Professional Master's Degree, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

4. CERTIFICATION: Professionals who pass the Hybrid Professional Master's Degree will receive a certificate accrediting their stay at the center.

5. EMPLOYMENT RELATIONSHIP: the Hybrid Professional Master's Degree shall not constitute an employment relationship of any kind.

6. PRIOR EDUCATION: Some centers may require a certificate of prior education for the Hybrid Professional Master's Degree. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

7. DOES NOT INCLUDE: The Hybrid Professional Master's Degree will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

08

Where Can I Do the Clinical Internship?

This Hybrid Professional Master's Degree includes a practical stay in a prestigious clinical center where the professional will put into practice all the theory learned accompanied by the best professionals in the sector. In this way, and in order to offer this degree to more professionals, TECH offers a unique opportunity to take the internship in different centers, strengthening its commitment to quality and excellence in education and making it accessible to all.





“

Add-Ons your theoretical education with the best practical stay in the Sectors. Achieving success in your daily practice depends on you"



The student will be able to complete the practical part of this Hybrid Professional Master's Degree at the following

centers:



Nurses

Biosalud Day Hospital

Country: Spain City: Zaragoza

Management: Residencial Paraíso, 9 (50008) Zaragoza, España

Center for Integrative and Biological Medicine with a holistic approach

Related internship programs:

- English for Nursing
- Nursing in Integrative Medicine



Nurses

Centro Médico HLA San Carlos - Jávea

Country: Spain City: Alicante

Management: Carrer Nancy, 3, 03730 Playa del Arenal, Jávea, Alicante

Multidisciplinary healthcare clinic

Related internship programs:

- Hospital Nursing
- Intensive Care Nursing



Nurses

Hospital HLA San Carlos Denia

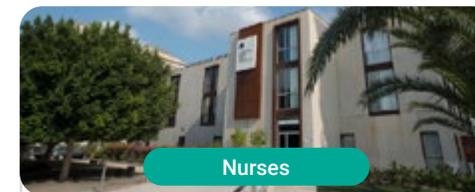
Country: Spain City: Alicante

Management: Partida Madrigueres Sud, 8, 03700 Dénia, Alicante

Hospital complex promoting of all clinical specialties

Related internship programs:

- Intensive Care Nursing
- Nursing in Internal Medicine



Nurses

Hospital Mesa del Castillo

Country: Spain City: Murcia

Management: Calle Ronda Sur, 20, 30010 Murcia

Privately managed healthcare center

Related internship programs:

- Advanced Operating Room Nursing
- Hospital Nursing



Nurses

Clinisalud

Country: Spain City: Madrid

Management: Calle Pingüino, 23, 28047 Madrid

Multidisciplinary health care center

Related internship programs:

- Diagnosis in Physiotherapy
- Advanced Clinical Podiatry



Nurses

Hospital HM Modelo

Country: Spain City: La Coruña

Management: Rúa Virrey Osorio, 30, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nurses

Hospital Maternidad HM Belén

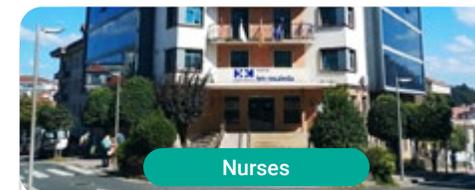
Country: Spain City: La Coruña

Management: R. Filantropía, 3, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update in Assisted Reproduction
- Hospitals and Health Services Management



Nurses

Hospital HM Rosaleda

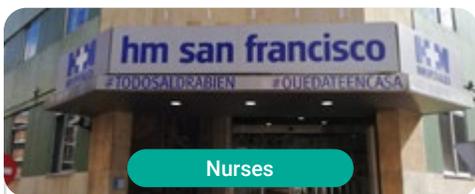
Country: Spain City: La Coruña

Management: Rúa de Santiago León de Caracas, 1, 15701, Santiago de Compostela, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Hair Transplantation
- Orthodontics and Dentofacial Orthopedics



Nurses

Hospital HM San Francisco

Country	City
Spain	León

Management: C. Marqueses de San Isidro, 11, 24004, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Nursing in the Traumatology Department



Nurses

Hospital HM Regla

Country	City
Spain	León

Management: Calle Cardenal Landázuri, 2, 24003, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update on Psychiatric Treatment in Minor Patients



Nurses

Hospital HM Nou Delfos

Country	City
Spain	Barcelona

Management: Avinguda de Vallcarca, 151, 08023 Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Aesthetic Medicine
- Clinical Nutrition in Medicine



Nurses

Hospital HM Madrid

Country	City
Spain	Madrid

Management: Pl. del Conde del Valle de Súchil, 16, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Anaesthesiology and Resuscitation



Nurses

Hospital HM Montepríncipe

Country	City
Spain	Madrid

Management: Av. de Montepríncipe, 25, 28660, Boadilla del Monte, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Aesthetic Medicine



Nurses

Hospital HM Torrelodones

Country	City
Spain	Madrid

Management: Av. Castillo Olivares, s/n, 28250, Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nurses

Hospital HM Sanchinarro

Country	City
Spain	Madrid

Management: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nurses

Hospital HM Nuevo Belén

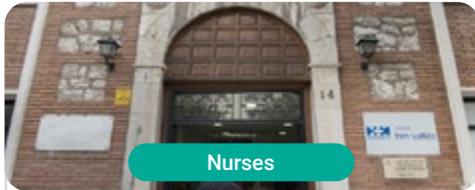
Country	City
Spain	Madrid

Management: Calle José Silva, 7, 28043, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- General and Digestive System Surgery
- Clinical Nutrition in Medicine



Nurses

Hospital HM Vallés

Country	City
Spain	Madrid

Management: Calle Santiago, 14, 28801, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



Nurses

Policlínico HM Cruz Verde

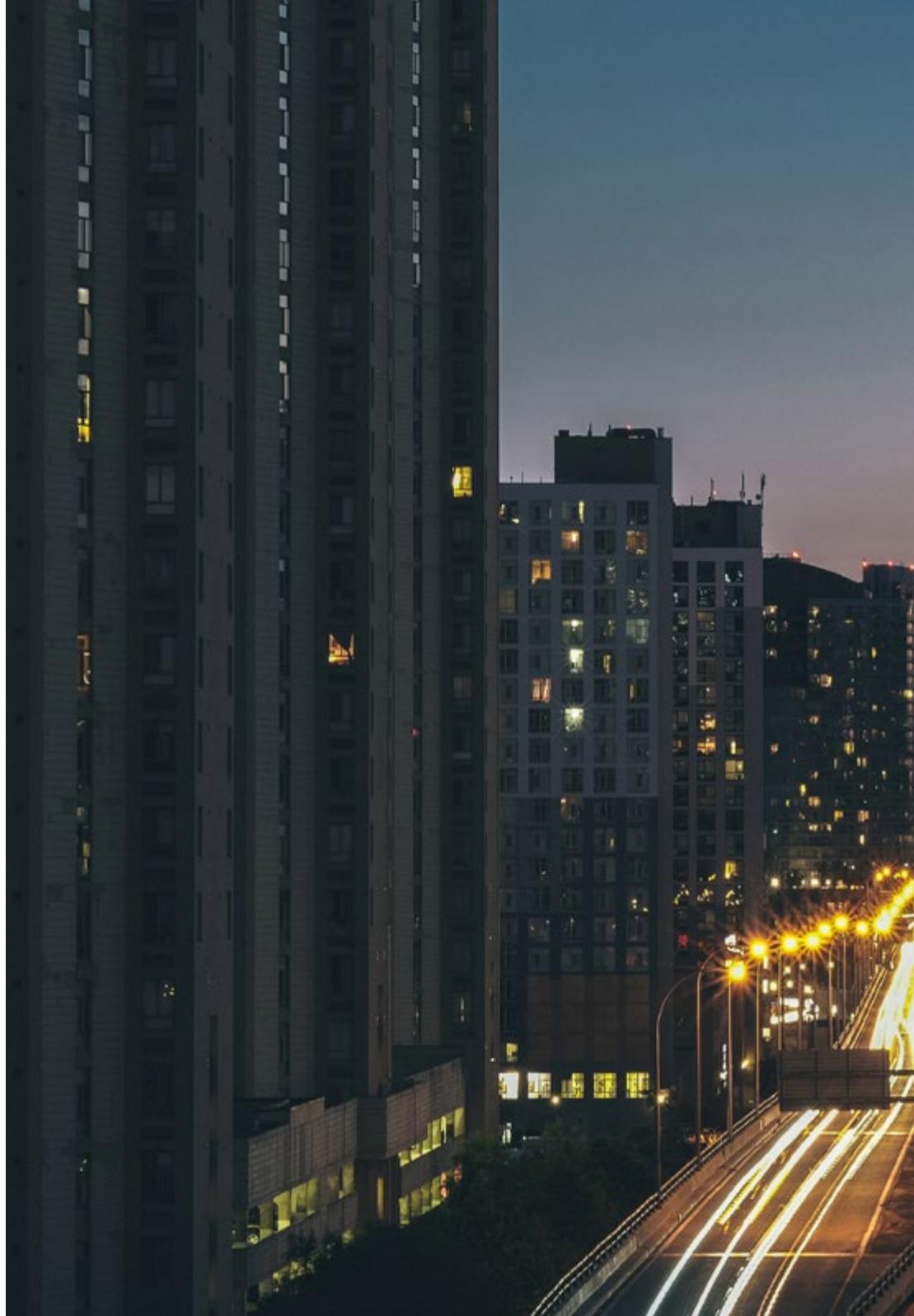
Country	City
Spain	Madrid

Management: Plaza de la Cruz Verde, 1-3, 28807, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Advanced Clinical Podiatry
- Optical Technologies and Clinical Optometry





Nurses

Policlínico HM Las Tablas

Country	City
Spain	Madrid

Management: C. de la Sierra de Atapuerca, 5,
28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Nursing in the Traumatology Department
- Diagnosis in Physiotherapy

09

Methodology

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

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



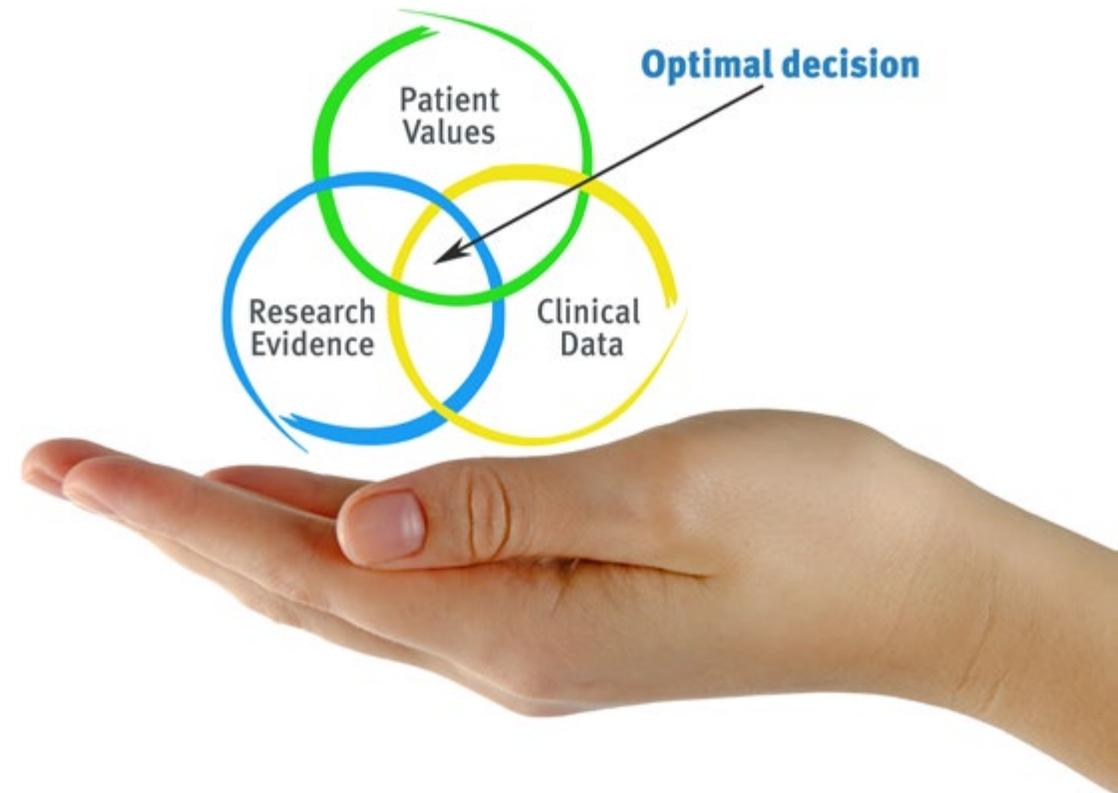
“

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

At TECH Nursing School we use the Case Method

In a given situation, what should a professional do? 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. 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.

“

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 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 case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of 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 Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

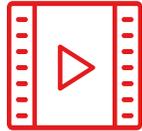
Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

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 really specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, 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 them as many times as you want.



Interactive Summaries

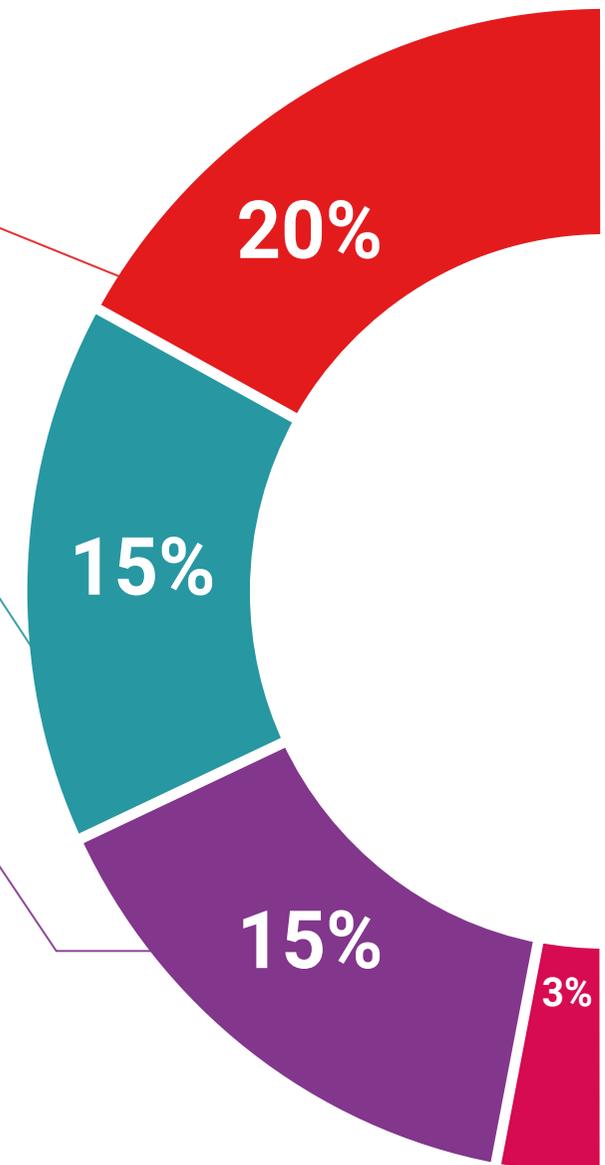
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

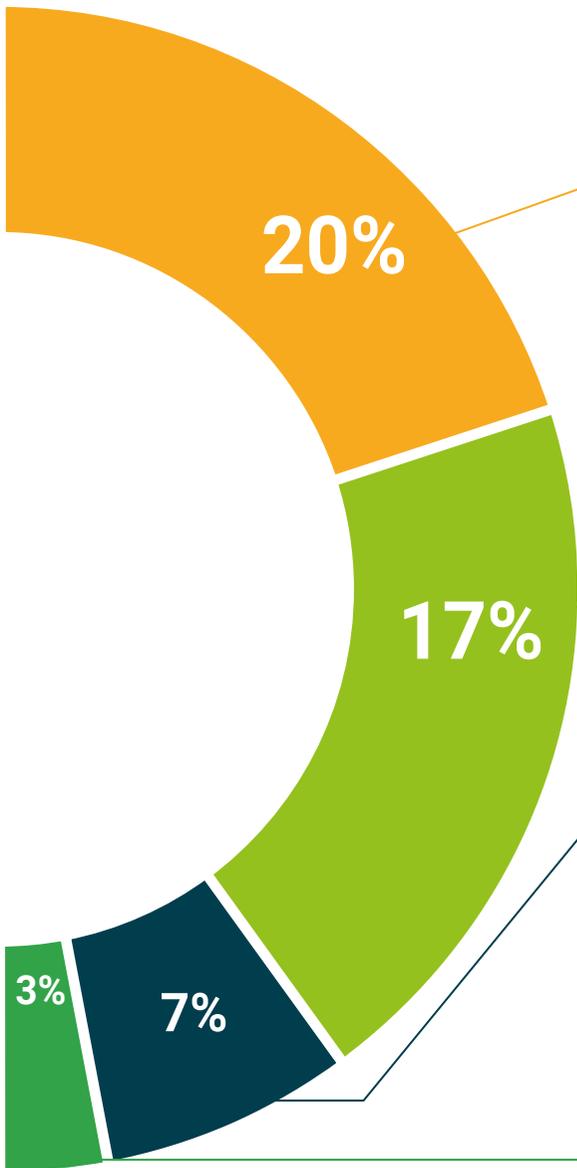
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 suggesting that observing third-party experts can be useful.

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.



10 Certificate

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



“

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

This program will allow you to obtain your **Hybrid Professional Master's Degree diploma in Internal Medicine 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** title 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: **Hybrid Professional Master's Degree in Internal Medicine Nursing**

Course Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months**

Certificate: **TECH Global University**

Recognition: **60 + 5 ECTS Credits**



*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.



Hybrid Professional Master's Degree Nursing in Internal Medicine

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

60 + 5 credits ECTS

Hybrid Professional Master's Degree Nursing in Internal Medicine

