





# Hybrid Master's Degree

Hospital Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

60 + 5 ECTS Credits

Website: www.techtitute.com/us/nursing/hybrid-master-degree/hybrid-master-degree-hospital-nursing

# Index

02 03 Why Study this Hybrid Master's Introduction Objectives Competencies Degree? p. 4 p. 8 p. 12 p. 20 05 06 **Course Management Clinical Internship Educational Plan** p. 24 p. 32 p. 44 80 Methodology Where Can I Do the Clinical Certificate Internship? p. 50 p. 56 p. 64





# tech 06 | Introduction

The continuous changes in the evaluation and rehabilitation of patients require professionals who know how to adapt to the technology applied in nursing and can incorporate new treatments and alternative therapies that provide an optimal recovery of those affected. These faculties are also requested by healthcare centers, which have detected the need to offer humanized medical care for patients, for example, of COVID.

To ensure proper patient care, the role of today's professionals and their training to deal with unknown or infectious diseases is essential. or infectious diseases. Aware of this demand, TECH offers a program that provides theoretical and practical knowledge to nurses to expand their knowledge and the speed of their performance in practice.

The Hybrid Master's Degree in Hospital Nursing is supported by the most experienced nurses, who are in charge of the surgical, maternal, intensive care and primary care areas in different hospital centers. Students enrolled in this program will not only be up to date in the management of healthcare centers, but will also broaden their knowledge of therapeutic processes in the hospital environment, multipathological care processes and those in the surgical, emergency and critical care fields, among others.

This qualification includes a practical period of 3 weeks in a prestigious hospital center, which guarantees a correct application of the theoretical fundamentals previously provided to the students. In addition, the nurses will be supported by experts in Hospital Nursing both in their theoretical instruction and practical training. In the latter case, they will have tutors who will guide them through the procedures and resolve all their doubts *on site*. It is a program that offers the keys to the complete updating of all aspects of hospital care in a rigorous way. in hospital care in a rigorous manner.

This **Hybrid Master's Degree in Hospital Nursing** contains the most complete and up-todate scientific program on the market. The most important features include:

- Development of more than 100 clinical cases presented by nursing professionals with expertise in transfer Care and university professors with extensive experience in the 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.
- Mastery of the Structure and La Organization of a Healthcare System
- Knowledge of the different areas of a hospital center and of the clinical guidelines in the methodology of care process management.
- Development of inpatient comfort and safety care, as well as the use of general hospital isolation measures.
- Delve in the processes of reception and reception of the surgical patient and mastery of the functions, activities, care and techniques of surgical nursing.
- All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments.
- Content that is accessible from any fixed or portable device with an Internet connection
- Furthermore, you will be able to carry out a clinical internship in one of the best hospital centers



Experience a hands-on period that will expand your skills in the use of ICT in hospitals for case monitoring and evaluation"

# Introduction | 07 tech

66

This Hybrid Master's Degree will provide you with the latest technological tools to provide care in the real clinical setting for different patient pathologies"

In this proposal for a Master's degree, of a professionalizing nature and hybrid learning modality, the program is aimed to up to date nursing professionals who perform their functions in surgical units, and professionals who perform their functions in surgical units, and who require a high level of qualification. and who require a high level of qualification in telemedicine. 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. This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts

Up to date your knowledge in the humane application of therapeutic treatments during the patient's hospitalization process.

Broaden your scope of action and investigate the processes of reception and reception of the surgical patient.







# tech 10 | Why Study this Hybrid Master's Degree?

# 1. Updating from the Latest Technology Available

The Fields of hospital nursing has evolved significantly in recent years due to the appearance of new postoperative drugs or the application of up to date care and techniques to ensure patient comfort. For this reason, and with Objective: that the nurse knows all these advances and The developments in a real environment, TECH has created this Hybrid Master's Degree.

## 2. Delving from the experience of the best experts

This degree is taught by professionals who work actively and have extensive experience in the world of Hospital Nursing, so that the didactic contents offered to the student will have full applicability in the workplace. In addition, students will be integrated, during their practical phase, in a work environment made up of the best experts in the health field, who will provide them with the most effective procedures and techniques in Hospital Nursing.

#### 3. Entering First-Class Clinical Environments

TECH carefully selects all available centers for Internship Programs. Thanks to this, the specialist will have guaranteed access to a prestigious clinical environment in the field of Hospital Nursing. In this way, you will be able to see the day-to-day work of a demanding, rigorous and exhaustive sector, always applying the latest theses and scientific postulates in its work methodology.





# Why Study this Hybrid Master's Degree? | 11 tech

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

In the academic market there is a wide variety of pedagogical programs that offer contents lacking in real use and require adherence to tight schedules. Because of this, TECH has created an innovative learning model that combines a 100% online theoretical teaching with a practical stay of 3 weeks in a prestigious hospital, in order to provide its students with knowledge and skills with real applicability.

### 5. Expanding the Boundaries of Knowledge

TECH offers the possibility of carrying out this Internship Program in centers of international importance. This way, the specialist will be able to expand their frontiers and catch up with the best professionals, who practice in first class centers and in different continents. A unique opportunity that only TECH, the largest online university in the world, could offer.





# tech 14 | Objectives



# **General Objective**

This Hybrid Master's Degree in Hospital Nursing aims to expand and up to date the
knowledge of graduates in Nursing to meet the increasingly demanding hospital care.
During the course In this program will, the specialists will investigate information
systems applied to hospital care, the management of health and safety principles, patient
management related to their health determinants and infection control, as well as the
administration of drugs and multiple procedures, among other issues focused on the
optimization of healthcare services.







# **Specific Objectives**

## Module 1. Hospital Care An immersion in the hospital environment

- Master the organization and operation of health systems and hospital care
- Identify the defining characteristics of health systems
- Develop nurse's professional knowledge and skills in hospital governance, user rules and rights, and continuity of care
- Understand the functional plan that configures any hospital center in its essential and fundamental areas
- Delve into the integration of the facilities that make the operation of hospital infrastructures possible
- Professionalize health care service delivery models
- Understand the concept of care management
- · Break down the levels of care management
- Organize the maintenance, upkeep of the hospital and hospital supplies
- Delve into the basic concepts and tools of clinical safety in the hospital
- Detect clinical safety risks and problems
- Improve patient safety
- Understand the principles of health and social care financing and use resources efficiently



# tech 16 | Objectives

#### Module 2. Intangibles in Hospital Care

- Delve into the social scenario in which the healthcare activity is developed
- Reflect on how to provide more ethical healthcare
- Master hospital information systems
- Professionalize problem solving, the development of critical thinking and decision making in day-to-day health care activities
- Delve into the types of training that facilitate a better response to health care needs and the demands of the health care system
- Value continuing education in the learning of healthcare professionals
- Apply technology and informatics to health care
- Develop communication, teamwork, decision-making and leadership skills to deal with complex situations
- Internalize health humanization focused on the patient, the family and the professionals during the hospitalization process
- Promote humanizing strategies in the context of clinical practice
- · Master communication in difficult situations
- Identify risks arising from workplace conditions

### Module 3. Support Processes in the Hospital Setting

- Recognize the elements that are part of a nursing unit
- Integrate equipment and devices commonly used in the hospital
- Promote citizen's decision making with respect to their healthcare process, allowing them to participate and make informed choices and promoting the fulfillment of their rights
- Welcome the patient, promote safety and facilitate their adaptation to the environment

- Provide patients and their families with an overall view of the service they are receiving
- Detail the income, rules, rights, visiting hours and other relevant services of the facilities
- Ensure the patient's admission and into the unit
- Professionalize the assessment and performance of patients during transfer in the performance of complementary tests, a surgical procedure or admission to another unit
- Master the principles of health and safety, including patient management related to health determinants, infection control and other procedures.

## Module 4. Diagnostic and Therapeutic Processes in the Hospital Environment

- Promote the responsible and safe use of medication and/or supportive care and therapeutic support devices
- Develop improvements to the current or future workplace
- Maintain the confidentiality of patient information, privacy and intimacy during patient care
- Ensure confidentiality and professional secrecy in nursing care
- Delve into the safety and comfort measures necessary to prevent risks derived from health care
- Avoid adverse events related to therapeutic management
- Develop problem solving and decision making skills in selected clinical processes
- Safely administer drugs and other therapies used in hospitalization units



#### Module 5. Nursing Care in Pluripathological Assistance Processes

- Master nursing care as a basis for decision making in the care of patients with complex processes
- Recognize factors related to improving the effectiveness of care in a particular care setting, and search for and adapt evidence for implementation in that setting
- Develop problem solving that arise making in the most frequent clinical processes in hospital care
- Professionalization of therapeutic and diagnostic support equipment, characterized by complex technology
- Delve into the the use and indications of medical devices related to care
- Develop citizen's decision making with respect to their healthcare process, offer timely information that allows them to participate and make informed choices, and promote the fulfillment of their rights

#### Module 6. Nursing Care in Medical and Surgical Care Processes

- Professionalize the patient's emotional, physical and personal care, comfort, nutrition and personal hygiene needs, and maintenance of activities of daily living
- Adopt the necessary tools to ensure the confidentiality of information respect the patient's intimacy and privacy during their care
- Master the safety and comfort measures necessary to prevent the risks involved in health care
- Establish the necessary activities to avoid possible adverse events related to the apeutic administration
- Integrate knowledge to ensure an adequate transfer of information between the different hospital care settings for professionals who interact with each other
- Prepare and inform the discharged patient on care that may be performed outside the hospital

### Module 7. Nursing Care in Surgical, Emergency and Critical Care Processes

- Recognize the most frequent surgical, urgent and critical care processes
- Internalize the most up-to-date diagnostic and therapeutic knowledge of the most prevalent chronic diseases in a context of complexity
- Identify the roles of the nurse to act within an interdisciplinary team
- Develop technical and professional health care for the needs of the person suffering from cancer with the levels of quality and safety established in the applicable legal and deontological norms
- Value reciprocal information between patient/family and nursing professional throughout the surgical process
- Adopt the reception of the patient/family whether in the hospital ward, operating room or resuscitation
- Analyze the different modes of invasive and non-invasive monitoring of the critically ill
  patient and update the assessment scales for the critically ill or urgent patient
- Ensure adequate information transfer between the different hospital care settings for professionals who interact with each other

# tech 18 | Objectives

#### Module 8. Nursing Care in a Variety of Care Processes

- Understand the phases of pregnancy and childbirth and the role of nurses at different stages
- Describe the process of childbirth and puerperium
- Establish the main health problems of newborns
- Determine the different procedures and techniques in pediatric settings.
- Explain pediatric advanced life support maneuvers depending on the age of the child
- Detect deterioration in the clinical situation to initiate early warning procedure and vital care maneuvers
- Acquire the knowledge to ensure an adequate transfer of information between the different hospital care settings for professionals who interact with each other
- Embrace the autonomous role and importance of nursing records in process care

### Module 9. Nursing Process

- Define the nursing process and its contribution to professional practice
- $\bullet\,$  Apply the activities that comprise each stage of the nursing process
- Develop critical thinking to the stages of the nursing process
- Apply comprehensive nursing care based on nursing interventions (ICN, ICN)
- Master the skills in the management of process assessment in order to adapt the results obtained
- Establish specific nursing care plans associated with the most frequent DRGs
- Internalize the theoretical concepts and knowledge of nursing care as a basis for decision making in patient care
- Undertake comprehensive and systematic assessments using patient-appropriate tools and frameworks
- Develop, evaluate and implement nursing care plans according to the needs of these groups and the expectations of the users





# Objectives | 19 tech

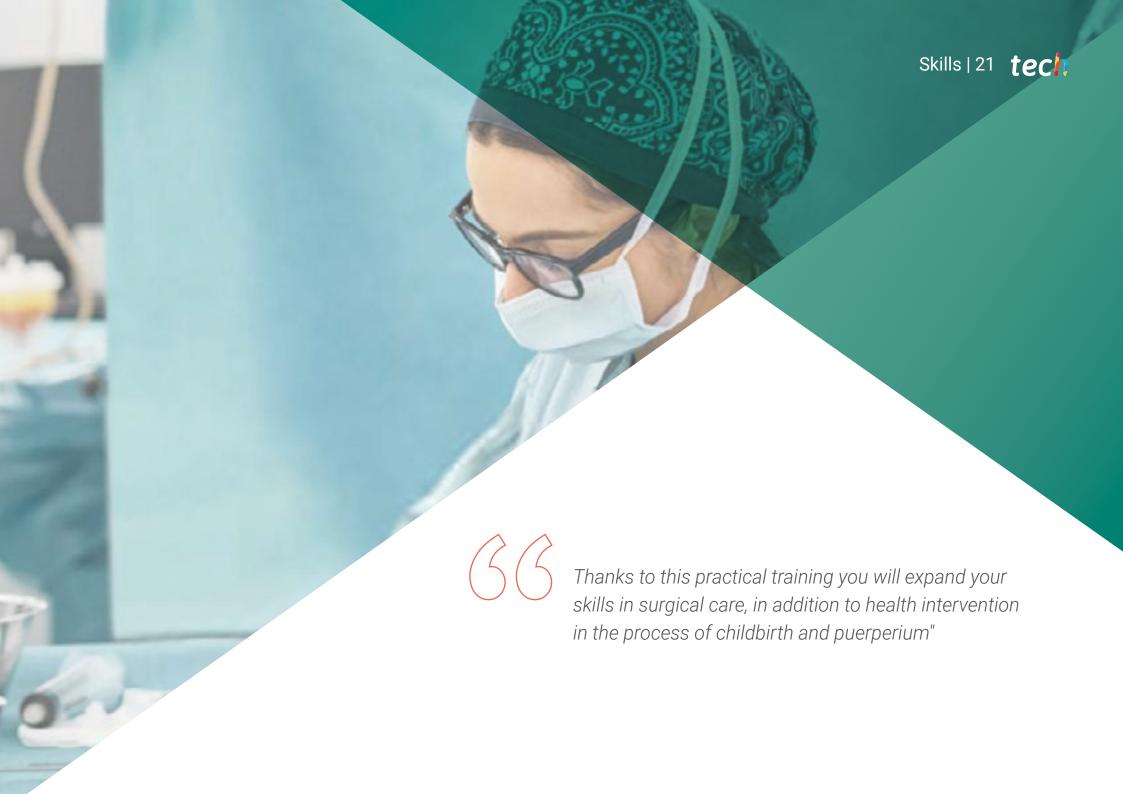
### Module 10. Nursing Research and Innovation in the Hospital Setting

- Count with methodological tools to initiate research proposals
- Adopt knowledge that contributes to the development of evidence-based care protocols
- Promote the acquisition of skills in evidence-based practice



A program designed for nurses like you, who adapt to the paradigm of the technology industry applied to clinical centers to exponentially improve the condition of patients"





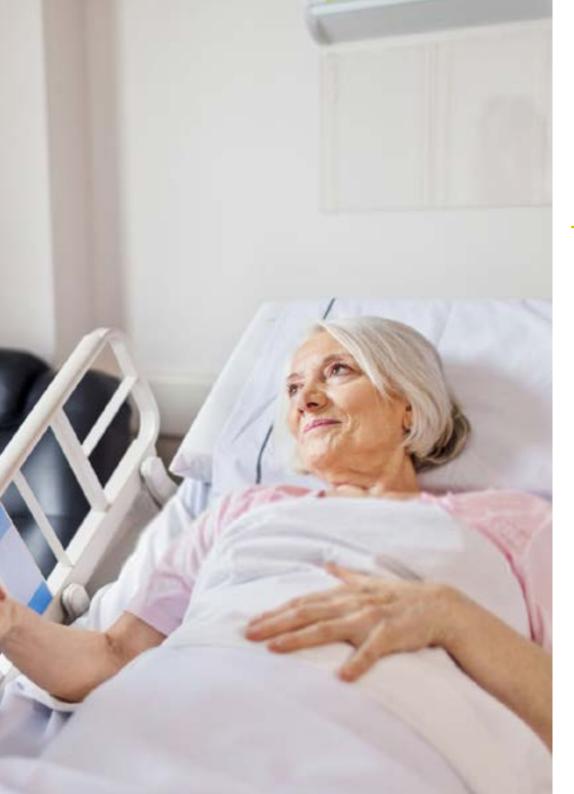
# tech 22 | Skills



# **General Skills**

- · Identify the organization chart and operation of hospital care.
- Understand the risks and The issues of clinical safety
- Know the levels of care
- Know how to use the different information systems applied to hospital care
- Apply the humanization of healthcare centered on the patient, family and professionals during the hospitalization process
- Detect the different elements that are part of the nursing unit
- Be able to safely administer drugs and other therapies
- Master the therapeutic and diagnostic support means characterized by complex technology
- $\bullet\,$  Manage the most advanced the rapeutic means in hospital nursing practice
- Develop new approaches to diagnostic reasoning
- Develop, evaluate and implement nursing care plans according to the needs of these groups and from the expectations of the users







# **Specific Skills**

- Successfully manage health and safety principles, including patient management related to health determinants, infection control and other procedures
- Responsible and safe use of medicines
- Maintain the confidentiality of patient information and privacy during their stay
- Assimilate the latest concepts regarding the current social reality of aging and mental illness and be able to lead the care of these groups
- Master the use of the different channels of communication with the family during the surgical process
- In-depth understanding of surgical, urgent and critical care nursing operations
- Manage triage methodology as a means to prioritize, organize and manage care more effectively
- Comprehension the phases of pregnancy and childbirth and the role of nurses at different stages
- Participate in the process of childbirth and puerperium



# Management



# Ms. Santano Magariño, Almudena

- Head of Unit, Emergency and Critical Care Department, Gregorio Marañón General University Hospital, Madrid
- Assistant Director of Nursing at the Gregorio Marañón Hospital, Madrid
- Degree in Nursing from the Complutense University of Madrid
- Master's Degree in Health Care, Management and Care from the University of Santiago de Compostela
- Master's Degree in Health Services Management from the Superior Center for Management Studies. Complutense University of Madrid
- Master's Degree in Humanization in Health by the European University of Madrid

## **Professors**

### Ms. Sánchez García, Alicia

- Nurse Practitioner in Emergency and Nephrology Service
- Degree in Nursing from the Autonomous University of Madrid
- Degree in Social and Cultural Anthropology from the Complutense University of Madrid.(UCM)
- Certificate in Pedagogical Aptitude (CAP), UCM
- University expert in Hemodialysis at the IFBBB

#### Ms. Soria Domingo, Sonia

- Supervisor of the Special Services Functional Area, Puerta de Hierro Majadahonda Hospital
- Degree in Nursing
- Degree in Psychology
- Master's Degree in Nursing Management



# Course Management | 27 tech

#### Ms. Quiñones, Noemi

- Supervisor in the in Internal Medicine Unit Functional Criteria of the Hospital Universitario Puerta de Hierro Majadahonda
- Nurse in the Pneumology Unit
- Author of the "Adult Patient Care Pathways Manual" "Route of Care to the Patient with Respiratory Pathology" (Fuden-Enfo Ediciones
- University Diploma in Nursing from the Autonomous University of Madrid

#### Mr. Cazallo Navarro, Pablo

- Nurse at the Home Unit of the Hospital Universitario Puerta de Hierro Majadahonda (HUPHM)
- Nurse of the Quality Unit and Head of the Risk Management Functional Unit of the Puerta de Hierro Majadahonda University Hospital
- Supervisor of the Quality and Patient Safety Unit of the Puerta de Hierro Majadahonda University Hospital
- Nursing Supervisor of the COVID-19 IFEMA Hospital
- Master's Degree in Health Management and Planning for Health Managers, organized by the SEDISA Foundation and taught by the European University of Madrid
- University Expert in "Urgencies and Emergencies", taught by the International School of Health Sciences and approved by the Distance University of Madrid (UDIMA)
- University Expert in Management and Leadership of Nursing Services", given by the International School of Health Sciences and approved by the Distance University of Madrid
- University Expert in Human Resources Management in Nursing", taught by the National Distance Education University (UNED)

#### Ms. Esteve Ávila. María del Mar

- University Degree in Nursing in the Psychiatry Unit of the Hospital Universitario Puerta de Hierro Majadahonda
- Diploma in Nursing at the Alfonso X el Sabio Teaching Unit the University Hospital in Móstoles
- Master's Degree in Research in Nursing Sciences
- Master MBA in Healthcare Management by IMF Smart Education and Camilo José Cela University
- Specialty in Mental Health Nursing at the Instituto Psiquiátrico José Germain de Leganés.

#### Ms. Tovar Benito, Esmeralda

- Supervisor at the Home Unit of the Hospital Universitario Puerta de Hierro Majadahonda (HUPHM)
- Member of the Technical Assistance Board representing the HUPHM Supervision.
- Degree in Nursing from the Complutense University of Madrid
- University Expert in Nursing Service Management Universidad Nacional de Educación a Distancia (National University of Remote Education)(UNED)
- University Expert in Human Resources Management in Nursing by UNED
- Awarded by the Asociación Nacional de Enfermería Coordinadora de Recursos Materiales (ANECORM) for its participation in the IDEMUCRG Research Project

# Ms. Peralta Castro, Patricia

- Assistance Nurse and Head of Quality and Patient Safety at the Dialysis Unit of the Puerta de Hierro University Hospital in Majadahonda
- Degree in Nursing

#### Ms. Bodes Pardo, Rosa María

- Supervisor of the Hospitalization Functional Area, Puerta de Hierro Majadahonda University Hospital
- Clinical teaching collaborator at the Faculty of Medicine of the UAM and clinical practice tutor for nursing students
- Member of different hospital committees and commissions such as Hemotherapy, Care, Perceived Quality and Dangerous Drugs

# Ms. Álvarez Bartolomé, Blanca

- Nurse degree at the Psychiatry Unit of Acute of the Hospital Universitario Puerta de Hierro Majadahonda (HUPHM)
- Nurse in the Dialysis Unit of the FRIAT of the Villalba HospitalNurse in the Dialysis Unit of the HUPHM
- Nurse in the of the Dialysis Unit of La Paz University Hospital
- Nurse in the Dialysis Unit of the Grosshadern Clinic
- Diploma in Nursing at the Red Cross University School of Nursing
- Master's Degree in Pharmacotherapy for Nursing
- University expert in nursing processes and interventions for adult patients in common hospitalization situations
- Intravenous drug application course for nurses in emergencies)

#### Ms. Castillo Núñez, Rocío

- Nurse in the Child and Adolescent Psychiatry Service at the Puerta de Hierro Hospital.
   Majadahonda
- Graduate in Nursing from the Autonomous University of Madrid.
- Mental Health Specialist

#### Mr. Sánchez Herrero, Héctor

- Nurse Research Plans in the in Health Research in Care Unit of the Hospital Universitario Puerta de Hierro Majadahonda
- Coordinator of the Mentoring Group of the Spanish Society of Epidemiology
- · Vice-president of the Spanish Group of Young Epidemiologists
- Degree in Nursing from the University of Salamanca
- Master's Degree in Public Health from the National School of Health, Carlos III Institute of Health

### Ms. Sánchez Sevillano, Beatriz

- Supervisor of Hematology Hospitalization Unit and Nuclear Medicine Unit Puerta De Hierro University Hospital Majadahonda
- Diploma in Nursing from the University of Salamanca
- Degree in Nursing from the University of Salamanca
- University Expert In Hematopoietic Progenitor Transplant Nursing By ADEIT University of Valencia

### Mr. Castedo Martínez, Óscar

- Nurse at the Home Unit of the Hospital Universitario Puerta de Hierro Majadahonda (HUPHM)
- Nurse in the Peritoneal Dialysis Service of the HUPHM
- University Diploma in Nursing from the Puerta de Hierro School of Nursing of the Autonomous University of Madrid.(UAM)
- Master's Degree in Nursing Research and Care in Vulnerable Populations from the UAM.
- HUPHM Associate Professor

### Ms. Rebollo Mosquera, Belén

- Emergency Room Supervisor in Puerta de Hierro Majadahonda University Hospital
- Postgraduate Certificate in Nursing
- Degree in Social and Cultural Anthropology
- Specialist Diplom in Nursing Services Management

#### Ms. Moreno del Castillo, Cristina

- Nurse of the Emergency Department of the Puerta de Hierro Majadahonda University Hospital
- Graduate in Nursing from the Puerta de Hierro University School of Nursing of the Autonomous University of Madrid
- Expert in Out-of-Hospital Emergencies by the Foundation for the Development of Nursing. (FUDEN)

#### Ms. Álvarez López, María Jesús

- Nurse of the Dialysis Department of the Puerta de Hierro Majadahonda University Hospital
- Expert in Dermo-aesthetic Nursing by the European University of Madrid
- Expert in Nurse Prescription by the UDIMA
- Expert in Hemodialysis from the Complutense University of Madrid

# tech 30 | Course Management

#### Ms. Solís Muñoz, Montserrat

- Nurses Room Supervisor in Puerta de Hierro Majadahonda University Hospital.(HUPHM)
- Research Nurse in the HUPHM
- Head of the Nursing and Health Care Research Group of the Puerta de Hierro-Segovia de Arana Health Research Institute (IDIPHISA)
- PhD from the Complutense University of Madrid
- Diploma in Nurses from the University of Barcelona
- Project Evaluator of the National Agency of Evaluation and Prospective (ANEP).
- Codirector of the *Nursing* Goals Journal

# Ms. Béjar Martínez, Paloma

- Nurse of People Management of the Nursing Department of the Hospital Universitario Puerta de Hierro Majadahonda
- Nurse of People Management of the Nursing Department of the Hospital Universitario Puerta de Hierro Majadahonda (HUPHM)
- University Diploma in Nursing from the Autonomous University of Madrid
- Law Degree from the Complutense University of Madrid
- Master's Degree in Healthcare Law from CEU San Pablo University
- $\bullet\,$  Senior Laboratory Technician Specialist by the HUPHM
- Counsel for the HUPHM's public procurement committees





# Course Management | 31 tech

## Mr. Ayala Gambín, José Antonio

- Psychiatry Nurse Specialist
- Nurse of the in the Psychiatric the Puerta de Hierro Majadahonda University Hospital.
- Nurse in the Mid-Stay Unit for Adolescents with Severe Mental Disorder at Casta Salud.
- Diploma in Nursing from the University of Cadiz
- Degree in Social and Cultural Anthropology, UNED

### Mr. López, Óscar

- Nurse assistant in specialized care
- Nurse Practitioner in Pediatric Nursing
- Degree in International Cooperation and Health Promotion at the Francisco de Vitoria University
- Postgraduate Diploma of Physical activity and sport, Rey Juan Carlos University, Madrid

## Ms. López Baonza, Marta

- Nurse from the Short Stay Hospitalization Unit for Children and Adolescents at Puerta de Hierro University Hospital Majadahonda
- Specialist in Acupuncture and Traditional Chinese Medicine
- Member of the Association of Health Acupuncturists
- Member of the Association of Single Mothers by Choice



The content of this Semipresential Master's Degree in Hospital Nursing has been carefully designed by experts in Hospital Nursing. His contribution has developed a complete and rigorous program that offers all the guarantees for the professional career development of nurses. From the first module, the graduate in Nursing will obtain didactic information on the domains of the regulatory aspects of hospital care, as well as on the functioning of the health systems in the different autonomous communities. This is a theoretical-practical opportunity for nurses to experience a real-life scenario, supported by expert nurses with extensive professional experience.



# tech 34 | Educational Plan

### Module 1. Hospital Care An immersion in the hospital environment

- 1.1. Disease and Health
  - 1.1.1. Health Determinants
  - 1.1.2. Coping With the Disease
  - 1.1.3. Semiology and Basic Terminology
- 1.2. The Healthcare System and Health
  - 1.2.1. Structure and Organization of a Healthcare System
    - 1.2.1.1. Financing
    - 1.2.1.2. Regulation
    - 1.2.1.3. Management and Provision of Services
    - 1.2.1.4. Provision of Services
  - 1.2.2. Health System Models
- 1.3. Organization of Health Systems
  - 1.3.1. Health Management of the Territory in the Autonomous Communities
    - 1.3.1.1. Primary Care
    - 1.3.1.2. Hospital Care
  - 1.3.2. The Demand for Care
    - 1.3.2.1. Health Care Pathways
  - 1.3.3. Health Professionals
- 1.4. Hospital Care Organizational Aspects
  - 1.4.1. Location and Types of Hospitals
  - 1.4.2. Governing Bodies
  - 1.4.3. Hospital Annual Operating Plan: Program Contract
  - 1.4.4. Structure. Functional Plan Areas of a Hospital
  - 1.4.5. Hospital Facilities and Equipment Hospital Maintenance
  - 1.4.6. Management of Material Resources
  - 1.4.7. Management of Human Resources
  - 1.4.8. Hospital Pharmacy

- 1.5. Hospital Care Regulatory Aspects
  - 1.5.1. Structure. Rules and Functional Content of Positions
  - 1.5.2. Confidentiality
  - 1.5.3. Informed Consent
  - 1.5.4. User Rights and Guarantees
  - 1.5.5. Anticipated Wishes
  - 1.5.6. Self-Protection Plans
- 1.6. Hospital Care Quality
  - 1.6.1. Quality of Hospital Care
  - 1.6.2. Components of Hospital Care that Determine its Level of Quality
    - 1.6.2.1. Quality of Care Criteria
    - 1.6.2.2. Systems for Measuring Quality of Care
- 1.7. Clinical Safety in Hospital Care
  - 1.7.1. Variations in Practice Risks of the Hospitalized Patient
  - 1.7.2. Epidemiology and Impact of Adverse Events in the Hospitalized Patient
  - 1.7.3. Quality of Care and Patient Safety Strategies
    - 1.7.3.1. Patient Security.
    - 1.7.3.2. Hospitalized Patient Safety Objectives and Strategies
    - 1.7.3.3. Hospitalized Patient Safety Plan
- 1.8. Care Process Management
  - 1.8.1. Management of Clinical Procedures
  - 1.8.2. Management of Patient Care Procedures
  - 1.8.3. Process Management Methodology Clinical Guides
- 1.9. Patient Care Management
  - 1.9.1. Levels of Care Management
  - 1.9.2. Decision Making and Change Management
  - 1.9.3. Evaluation of Nursing Care
  - 1.9.4. Patient Empowered and Active in Care Management
- 1.10. Social and Health Coordination and Hospital Care
  - 1.10.1. Current Health Coordination Model
  - 1.10.2. Facilitating Measures for Health Coordination

### Module 2. Intangibles in Hospital Care

- 2.1. Clinical Information System in Hospital Care
  - 2.1.1. Clinical Documentation Systems
  - 2.1.2. Characteristics and Contents of the Medical Record
  - 2.1.3. Procedures for Patient Admission and Discharge from the Hospital
  - 2.1.4. Evolution of Clinical Information Systems
- 2.2. Health Promotion and New Technologies
  - 2.2.1. Health Promotion and Self-Care
  - 2.2.2. Main ICT Solutions in Hospitals
  - 2.2.3. New Communication Technologies Telemedicine
  - 2.2.4. New Forms of Patient Monitoring
- 2.3. Social Networks in Healthcare
  - 2.3.1. Social Networks and Application of Social Networking in Healthcare
  - 2.3.2. The Figure of the Expert Patient
  - 2.3.3. School of Patients and Associations
- 2.4. Hospital Care Innovation
  - 2.4.1. The Relevance of Fostering Innovation in Health Management
  - 2.4.2. Learning in Innovation
  - 2.4.3. Nursing Care in the Technological Advances in Healthcare.
- 2.5. Training in Hospital Care Innovation
  - 2.5.1. Continuing Education, Necessity or Myth Concepts
  - 2.5.2. Objectives, Regulations and Ethics
  - 2.5.3. Training Plans
- 2.6. Hospital Care Ethics
  - 2.6.1. Ethics
  - 2.6.2. The Ethics of Nursing Care.
  - 2.6.3. Ethical Considerations2.6.3.1. Adequacy of Therapeutic Effort
- 2.7. Hospital Care Humanization
  - 2.7.1. Patient and Family Focused Care.
  - 2.7.2. Family Participation and Involvement
  - 2.7.3. Caring for the Caregiver
  - 2.7.4. Post-Hospitalization Syndrome

- 2.8. Social Abilities. Communication in Patient Care
  - 2.8.1. Effective Communication
  - 2.8.2. Communication in Difficult Situations
  - 2.8.3. Interprofessional Communication 2.8.3.1. Teamwork
  - 2.8.4. Skills, Strategies and Gestures of Nursing Professionals
- 2.9. Occupational Health and Hospital Care
  - 2.9.1. Health Surveillance in Hospital Care
  - 2.9.2. Accidentability, Job Descriptions and Basic Activities
  - 2.9.3. Risks Arising from Safety Conditions
  - 2.9.4. Risks Arising from Hygienic Conditions
  - 2.9.5. Risks Arising from Ergonomic Conditions of the Workplace
- 2.10. The professional Burn-Out
  - 2.10.1. Professional Burnout
  - 2.10.2. Facilitators, Triggers and Consequences
  - 2.10.3. Preventing Burnout and Promoting Engagement

### Module 3. Support Processes in the Hospital Setting

- 3.1. Health Perception Culture, Health and Disease
  - 3.1.1. Disease and Health Phases
  - 3.1.2. Health Coping
  - 3.1.3. The Caregiving Process and the Relationship with the Patient
- 3.2. The Nursing Unit
  - 3.2.1. The Patient's Unit Characteristics of the Typical Patient Unit
  - 3.2.2. Reception and Welcome to the Patient in the Nursing Unit
  - 3.2.3. Welcome Plan for Health Professionals
- 3.3. The Environment and Safety in the Inpatient Setting
  - 3.3.1. Safety Culture and Safe Clinical Practices in Hospitalized Patients
  - 3.3.2. Risk Management and Notification Systems
  - 3.3.3. Learning From Incidents in Hospital Care

# tech 36 | Educational Plan

3.4.	Nutritional and Metabolic Pattern	
	3.4.1.	Nutritional Assessment
	3.4.2.	Therapeutic Diets
	3.4.3.	Interaction Between Drugs and Nutrients
	3.4.4.	Enteral and Parenteral Routes
3.5.	Elimination Pattern	
	3.5.1.	Elimination
	3.5.2.	Probes and Drainage
	3.5.3.	Insertion, Maintenance and Removal Care
	3.5.4.	Water Balance
3.6.	Prevention and Control of Communicable Diseases	
	3.6.1.	Cleaning Protocols
	3.6.2.	Sanitary Waste Management
	3.6.3.	Waste Segregation
3.7.	Thermoregulation	
	3.7.1.	Thermoregulation
	3.7.2.	Control and Registration Methods
	3.7.3.	Care for Thermoregulation Problems
3.8.	Activity and Exercise	
	3.8.1.	Body Mechanics and Limitation of Movement
	3.8.2.	Intrahospital Patient Transfer
	3.8.3.	Fall Prevention Behavior
	3.8.4.	Daily Living Activities
3.9.	Immobility	
	3.9.1.	Physical and Psychological Complications of Immobility
	3.9.2.	Prevention of Injuries due to Dependency
	3.9.3.	Therapeutic Immobilization
	3.9.4.	Ergonomic Considerations for the Health Professional
	3.9.5.	Chronic Wound Units
3.10.	Sleep and Rest	
	3.10.1.	Rating Scales and Questionnaires
	3.10.2.	Sleep in Hospitalization

# Module 4. Diagnostic and Therapeutic Processes in the Hospital Environment

- 4.1. Care for the Comfort and Safety of the Hospitalized Patient
  - 4.1.1. Hygiene Care
    - 4.1.1.1. Bedding, Cleanness and Personal Hygiene
    - 4.1.1.2. Promoting Comfort
- 4.2. Epidemiology. Nosocomial Infections.
  - 4.2.1. Asepsis and Infection Management
  - 4.2.2. General Hospital Isolation Measures
- 4.3. The Surgical Process
  - 4.3.1. Surgical Procedures and Care
  - 4.4. Diagnostic Processes in the Hospital Environment
  - 4.4.1. Clinical Documentation and Informatics Tools
    - 4.4.1.1. Procedures, Registration and Archiving of Documentation
- 4.5. Hemodynamic Care
  - 4.5.1. Vital Signs
  - 4.5.2. Main Variables Affecting Monitoring
  - 4.5.3. Electrocardiography
- 4.6. Consciousness and Pain Care
  - 4.6.1. Neurological Assessment Scales
  - 4.6.2. Pain Treatment
- 4.7. Diagnostic Tests
  - 4.7.1. Of Biological Fluids and Tissues
  - 4.7.2. Circulatory
  - 4.7.3. Radiological
  - 4.7.4. Functional Tests
  - 4.7.5. Endoscopic
- 4.8. Therapeutic Process
  - 4.8.1. Insertion, Maintenance and Care of Endovenous Catheters
  - 4.8.2. Medical and Nursing Prescriptions
  - 4.8.3. Drug Administration
    - 4.8.3.1. Drug Interactions

- 4.9. Intravenous Perfusions
  - 491 Intravenous Perfusions
    - 4.9.1.1. Dose Calculation and Handling of Infusion Devices
  - 4.9.2. Administration of Blood Derivatives and Blood Components
  - 4.9.3. Dangerous Drugs
    - 4.9.3.1. Administration of Antineoplastic Drugs
- 4.10. Other Therapeutic Processes in the Hospital Environment
  - 4.10.1. Probing and Draining of the Patient
  - 4.10.2. Oxygen Therapy and Aerosol Therapy
  - 4.10.3. Other Therapeutic Techniques: Paracentesis, Thoracentesis, Others
  - 4.10.4. Physiotherapy

## **Module 5.** Nursing Care in Pluripathological Assistance Processes

- 5.1. Chronicity and the Pluripathologic Patient in the Hospital Setting
  - 5.1.1. Models and Chronicity Management
  - 5.1.2. Hospital Resources for the Elderly
  - 5.1.3. Rational Use of Drugs and Diagnostic Tests
  - 5.1.4. Socio-health care and inter-level coordination
  - 5.1.5. Legal and Bioethical Aspects
- 5.2. Health Promotion for Chronic and Pluripathological Patients
  - 5.2.1. Health Promotion and Self-Care
  - 5.2.2. Early Detection of Diseases
  - 5.2.3. Prevention of Geriatric Syndromes
  - 5.2.4. Prevention of Social Isolation
  - 5.2.5. School of Patients and Associations Expert patient
- 5.3. Multi-Pathology Patient Units
  - 5.3.1. Security Culture
    - 5.3.1.1. Communication During Patient Handover
    - 5.3.1.2. Safety in the Use of Medicines
    - 5.3.1.3. Prevention of Pressure Ulcers
    - 5.3.1.4. Fall Prevention and Harm Reduction
    - 5.3.1.5. Prevention of Nosocomial Infections
    - 5.3.1.6. Patient Identification
    - 5.3.1.7. Management of Blood Derivatives
    - 5.3.1.8. Epidemiological Alerts
    - 5.3.1.9. Not Recommended

- 5.3.2. Organization of the Units
  - 5.3.2.1. Criteria for Patient Selection
  - 5.3.2.2. Scales for Assessing Functionality, Frailty and Adherence to Treatment
  - 5.3.2.3. Equipment and Facilities
- 5.4. Psychiatric Inpatient Units
  - 5.4.1. Models of Mental Illness
  - 5.4.2. Needs of Persons with Mental Illness
  - 5.4.3. Specialized Health Services
  - 5.4.4. Coordination and Continuity of Care
  - 5.4.5. Regulations
  - 5.5. Most Frequent Needs of Psychiatric Patients
  - 5.5.1. General Action Protocols
  - 5.5.2. Assessment, Reception and Therapeutic Program in Hospital Units for the Care of the Psychiatric Patient
    - 5.5.2.1. Day Hospital or Partial Hospitalization Unit
    - 5.5.2.2. Adult, Child and Adolescent Short Hospitalization Units
  - 5.5.3. Security Culture
    - 5.5.3.1. Patient Safety Incidents
      - 5.5.3.1.1. Aggressive Behavior
      - 5.5.3.1.2. Leakage
      - 5.5.3.1.3. Self-Injury
- 5.6. Oncological Processes
  - 5.6.1. Processes in the Hospitalization Area
  - 5.6.2. Specific Diagnostic Tests
  - 5.6.3. Surgical Specificities
  - 5.6.4. Therapeutic Plans and Care
  - 5.6.5. Related Supporting Devices
- 5.7. Hematological Processes
  - 5.7.1. Processes in the Hospitalization Area
  - 5.7.2. Specific Diagnostic Tests
  - 5.7.3. Surgical Specificities
  - 5.7.4. Therapeutic Plans and Care
  - 5.7.5. Related Supporting Devices

# tech 38 | Educational Plan

5.8.	Organization and Characteristics of Onc	ohematologic	6.3.	Neuros	sciences
	Patient Care Units			6.3.1.	Processes in the Hospitalization Area
	· ·	al Support in the Course of Cancer Disease		6.3.2.	Specific Diagnostic Tests of the Nervous System
	5.8.2. Surgery, Chemotherapy, Radiati	on Oncology and Metabolic Treatments		6.3.3.	Surgical Specificities
	5.8.2.1. Toxicity and Adverse Ef	fects		6.3.4.	Therapeutic Plans and Care
	5.8.3. Security Culture			6.3.5.	Related Supporting Devices
	5.8.4. Advanced Practice Nurse Case	Manager	6.4.	Proces	sses the Musculoskeletal System.
5.9.	Support Processes in the Terminal Phase of the Disease			6.4.1.	Processes in the Hospitalization Area
	<ul><li>5.9.1. Palliative Care</li><li>5.9.2. Phases of the Terminally III</li></ul>			6.4.2.	Specific Diagnostic Tests of the Nervous System
				6.4.3.	Surgical Specificities
	5.9.3. Death	.3. Death		6.4.4.	Therapeutic Plans and Care
	5.9.3.1. Post-Mortem Care			6.4.5.	Related Supporting Devices
	5.9.3.2. Grief		6.5.	Proces	sses of the Digestive System
	5.9.4. Tools for the Self-Care of the Pr	rofessional Who Cares for Suffering People		6.5.1.	Processes in the Hospitalization Area
/loc	dula 6 Nuraina Cara in Madical and	d Curainal Cara Drangaga		6.5.2.	Specific Diagnostic Tests
VIOC	dule 6. Nursing Care in Medical and	I Surgical Care Processes		6.5.3.	Surgical Specificities
5.1.	Cardiological Processes			6.5.4.	Therapeutic Plans and Care
	6.1.1. Processes in the Hospitalization	n Area		6.5.5.	Related Supporting Devices
	6.1.2. Specific Diagnostic Tests	·		Metab	olic and Endocrine Processes
	6.1.3. Surgical Specificities			6.6.1.	Processes in the Hospitalization Area
	6.1.4. Therapeutic Plans and Care			6.6.2.	Specific Diagnostic Tests
	6.1.5. Related Supporting Devices			6.6.3.	Surgical Specificities
5.2.	Respiratory Processes			6.6.4.	Therapeutic Plans and Care
	6.2.1. Processes in the Hospitalization	n Area		6.6.5.	Supportive Devices Related to Endocrine-Metabolic Systems
	6.2.2. Specific Diagnostic Tests	.2. Specific Diagnostic Tests		Rheum	natologic Processes
	6.2.3. Surgical Specificities			6.7.1.	Processes in the Hospitalization Area
	6.2.4. Therapeutic Plans and Care			6.7.2.	Specific Diagnostic Tests
	6.2.5. Related Supporting Devices			6.7.3.	Surgical Specificities
				6.7.4.	Therapeutic Plans and Care
				675	Related Supporting Devices

- 6.8. Ophthalmologic and Dermatologic Processes
  - 6.8.1. Processes in the Hospitalization Area
  - 6.8.2. Specific Diagnostic Tests
  - 6.8.3. Surgical Specificities
  - 6.8.4. Therapeutic Plans and Care
  - 6.8.5. Related Supporting Devices
- 6.9. Otolaryngological Processes
  - 6.9.1. Processes in the Hospitalization Area
  - 6.9.2. Specific Diagnostic Tests
  - 6.9.3. Surgical Specificities
  - 6.9.4. Therapeutic Plans and Care
  - 6.9.5. Related Supporting Devices
- 6.10. Immunological Processes
  - 6.10.1. Processes in the Hospitalization Area
  - 6.10.2. Specific Diagnostic Tests
  - 6.10.3. Therapeutic Plans and Care
  - 6.10.4. Related Supporting Devices

## Module 7. Nursing Care in Surgical, Emergency and Critical Care Processes

- 7.1. Surgical Care Processes
  - 7.1.1. The Surgical Block
    - 7.1.1.1. Surgical Activity
      - 7.1.1.1. Cleaning, Sterilization and Disinfection
      - 7.1.1.2. Instruments and Surgical Equipment
      - 7.1.1.3. Surgical Positions
    - 7.1.1.2. Standards and Recommendations
    - 7.1.1.3. Organization and Management of Surgical Departments
    - 7.1.1.4. Relationship with Other Units and Services

- 7.2. Surgical Patient
  - 7.2.1. Surgical Patient Reception and Welcome Process
    - 7.2.1.1. Risk Management: Patient Safety
  - 7.2.2. Anesthesia and Analgesia
    - 7.2.2.1. Anesthetic Process
    - 7.2.2.2. Pharmacology in Anesthesia in Critical Situations
- 7.3. The Nurse and the Surgical Process
  - 7.3.1. Surgical Nursing Functions, Activities, Care and Techniques
  - 7.3.2. Procedures and Techniques in Surgical Processes
    - 7.3.2.1. Basic Surgical Maneuver Post-Surgical Resuscitation
  - 7.3.4. Major Outpatient Surgery
    - 7.3.4.1. Minor Ambulatory Surgery Techniques
  - 7.3.5. Most Frequent Complications in Surgical Patients
- 7.4. Urgent Care Processes
  - 7.4.1. Organization, Coordination, Triage and Legal Framework of the Hospital Emergency Department
  - 7.4.2. Human and Therapeutic Environment in the Hospital Emergency and Urgent Care Setting
  - 7.4.3. Patients Unit
  - 7.4.4. Standards and Recommendations
  - 7.4.5. Security Culture
- 7.5. Urgent Care Process in the Emergency Setting with Various Processes
  - 7.5.1. Surgical, Traumatic and Critical
  - 7.5.2. Psychiatric and Other Pathologies
  - 7.5.3. Basic and Advanced Life Support
- 7.6. Critical Care Processes
  - 7.6.1 Patients Unit
  - 7.6.2. Standards and Recommendations
  - 7.6.3. Structure and Physical, Spatial and Environmental Characteristics of ICUs

## tech 40 | Educational Plan

- 7.7. Organization and Operation of the Critical Care Unit
  - 7.7.1. Patient Inclusion Criteria
    - 7.7.1.1. Reception and Welcome to the Patient in the Unit
    - 7.7.1.2. ICU Patient Care
    - 7.7.1.3. Evaluating and Monitoring of a Critically III Patient
    - 7.7.1.4. Relationship of the ICU with Other Units and Services
    - 7.7.1.5. Critical Care in Patients with Different Alterations and Problems
    - 7.7.1.6. Pharmacology in Intensive Care
    - 7.7.1.7. Psychosocial Aspects in the Care of the Critically III Patient
- 7.8. The Environment and Safety of Patients Admitted to Critical Care Units
  - 7.8.1. Security Culture
  - 7.8.2. Risk Management: Patient Safety
    - 7.8.2.1. Risk Prevention and Harm Reduction
    - 7.8.2.2. Zero Projects
    - 7.8.2.3. Patient Identification
    - 7.8.2.4. ICU Alarms
  - 7.8.3. Welcome Plan for Health Professionals
- 7.9. Update on Coronavirus Infections
  - 7.9.1. Clinical and Therapeutic Manifestations
  - 7.9.2. Support Measures
  - 7.9.3. Organization and Management of COVID Units
- 7.10. Semi-Critical Units
  - 7.10.1. Patients Unit
  - 7.10.2. Standards and Recommendations
  - 7.10.3. Structure and Physical, Spatial and Environmental Characteristics
  - 7.10.4. Therapeutic Plans





## Educational Plan | 41 tech

## **Module 8.** Nursing Care in a Variety of Care Processes

- 8.1. Nephrological Processes
  - 8.1.1. Processes in the Hospitalization Area
  - 8.1.2. Specific Diagnostic Tests
  - 8.1.3. Therapeutic Plans and Care
  - 8.1.4. Renal Function Replacement Therapy in the Hospital Setting
- 8.2. Transplant and Immunological Processes
  - 8.2.1. Processes in the Hospitalization Area
  - 8.2.2. Specific Diagnostic Tests
  - 8.2.3. Therapeutic Plans and Care
  - 8.2.4. Organ Transplantation and Donation
- 8.3. Processes in General Surgery
  - 8.3.1. Processes in the Hospitalization Area
  - 8.3.2. Specific Diagnostic Tests
  - 8.3.3. Therapeutic Plans and Care
  - 8.3.4. Related Supporting Devices
- 8.4. Processes in Plastic and Reconstructive Surgery
  - 8.4.1. Processes in the Hospitalization Area
  - 8.4.2. Specific Diagnostic Tests
  - 8.4.3. Surgical Specificities
  - 8.4.4. Therapeutic Plans and Care
  - 3.4.5. Related Supporting Devices
  - o. i.o. Related Supporting Devices
- 8.5. Processes in Vascular and Cardiovascular Surgery
  - 8.5.1. Processes in the Hospitalization Area
  - 8.5.2. Specific Diagnostic Tests
  - 8.5.3. Surgical Specificities
  - 8.5.4. Therapeutic Plans and Care
  - 8.5.5. Related Supporting Devices
- 8.6. Processes in Thoracic Surgery
  - 8.6.1. Processes in the Hospitalization Area
  - 8.6.2. Specific Diagnostic Tests
  - 8.6.3. Surgical Specificities
  - 8.6.4. Therapeutic Plans and Care
  - 8.6.5. Related Supporting Devices

## tech 42 | Educational Plan

8.7. Genitourinary Processes

	8.7.1.	Processes in the Hospitalization Area			
	8.7.2.	Specific Diagnostic Tests			
	8.7.3.	Surgical Specificities			
	8.7.4.	nerapeutic Plans and Care			
	8.7.5.	Related Supporting Devices			
8.8.	Obstetrical-Gynecological Processes				
	8.8.1.	Processes in the Hospitalization Area			
	8.8.2.	Pregnancy, Childbirth and Puerperium			
		8.8.2.1. Breastfeeding			
	8.8.3.	Specific Diagnostic Tests			
	8.8.4.	Surgical Specificities			
	8.8.5.	Therapeutic Plans and Care			
	8.8.6.	Related Supporting Devices			
8.9.	Neonatal Processes				
	8.9.1.	Processes in the Hospitalization Area			
	8.9.2.	Specific Diagnostic Tests			
	8.9.3.	Surgical Specificities			
	8.9.4.	Therapeutic Plans and Care			
	8.9.5.	Neonatal Resuscitation.			
	8.9.6.	Basic and Advanced Life Support			
	8.9.7.	Related Supporting Devices			
8.10.	Pediatri	c Processes			
	8.10.1.	Processes in the Hospitalization Area			
	8.10.2.	Specific Diagnostic Tests			
	8.10.3.	Surgical Specificities			
	8.10.4.	Therapeutic Plans and Care			
	8.10.5.	Pediatric Resuscitation			
	8.10.6.	Basic and Advanced Life Support			
	8.10.7.	Related Supporting Devices			

## Module 9. Nursing Process

- 9.1. Methodology of Care
  - 9.1.1. The Nursing Process
  - 9.1.2. Structure of the Nursing Process
  - 9.2. Critical Thinking in Nursing.
  - 9.2.1. Thinking Skills
  - 9.2.2. Clinical Judgement
- 9.3. Nursing Assessment
  - 9.3.1. Clinical Interview
  - 9.3.2. Physical Examination
  - 9.3.3. Functional Patterns and Requirements
  - 9.3.4. Data Validation, Registration and Analysis
- 9.4. Nursing Diagnoses
  - 9.4.1. NANDA Taxonomy
  - 9.4.2. Association of Diagnoses to Functional Health Patterns
  - 9.4.3. Association of Diagnostics to Basic Human Needs
  - 9.4.4. Keys to the Formulation of Nursing Diagnoses
- 9.5. Care Planning
  - 9.5.1. Education
  - 9.5.2. Types of Care Plans: Individualized and Systematized
  - 9.5.3. Planning Phases: Prioritization, Outcome Selection and Intervention Planning
- 9.5.4. Prioritization. Prioritization Criteria
- 9.6. Outcome Criteria (NOC)
  - 9.6.1. Structure and Management of the NOC Taxonomy
  - 9.6.2. Criteria for the Selection of Expected Results
- 9.7. Nursing Interventions (NIC)
  - 9.7.1. Structure and Management of the NIC Taxonomy
  - 9.7.2. Criteria for the Selection of Interventions
- 9.8. Implementation
  - 9.8.1. Implementation of the Care Plan
  - 9.8.2. Phases of Care Plan Execution
  - 9.8.3. Methods of Organization of Nursing Work
  - 9.8.4. Records

- 9.9. Assessment
  - 991 Assessment Tools
- 9.10. Innovation of the Care Process
  - 9.10.1. Innovation in Products and Care Units
  - 9.10.2. Innovation in Care and Professional Responsibility
  - 9.10.3. Evidence-Based Care

## Module 10. Nursing Research and Innovation in the Hospital Setting

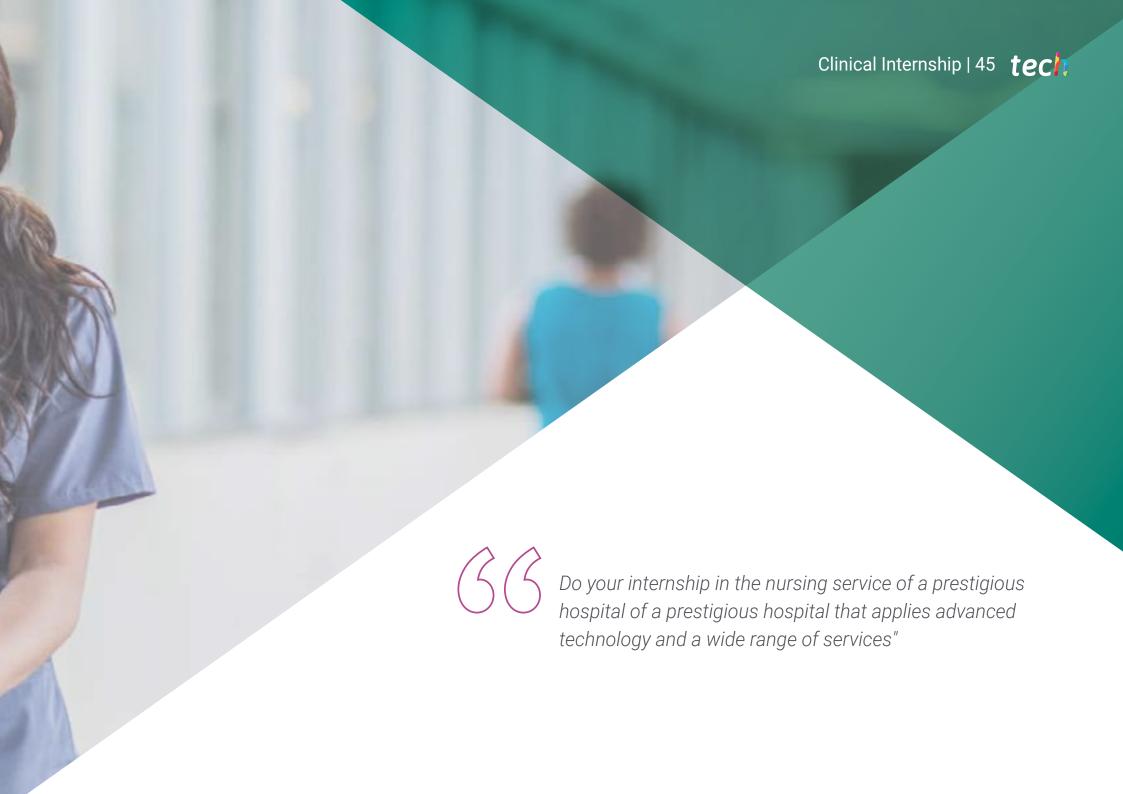
- 10.1. Search for Scientific Evidence
  - 10.1.1. The Design of Search Strategies
  - 10.1.2. Resources and Sources of Information
- 10.2. From the Research Question to the Development of a Research Protocol
  - 10.2.1. Research Ouestion
  - 10.2.2. Scientific-Technical Drafting of a Research Protocol
  - 10.2.3. Preparation of Documents for Approval by the Clinical Research Ethics Committee (CEIC) or Medicines Ethics Committee (CEIM)
  - 10.2.4. Relevance of the CV of the Main Researcher and the Research Team
- 10.3. Methodological Designs
  - 10.3.1. Epidemiological Research
  - 10.3.2. Qualitative Research
  - 10.3.3 Mixed Methods
  - 10.3.4. Design and Validation of Instruments
- 10.4. Critical Reading of Scientific Articles
  - 10.4.1. Critical Reading of Scientific Articles
  - 10.4.2. Quality of Evidence Assessment
- 10.5. Statistics Applied to Nursing Research
  - 10.5.1. Descriptive and Inferential Statistics
  - 10.5.2. Preparation of Tables, Figures and Graphs
  - 10.5.3. Interpretation of the Results of a Scientific Article

- 10.6. The Development of Evidence-Based Protocols and their Implementation
  - 10.6.1. The Development of Evidence-Based Clinical Protocols and their Implementation in Clinical Practice
  - 10.6.2. Research Contributions to the Humanization of Care
- 10.7. Scientific Writing and Dissemination in Different Media
  - 10.7.1. Scientific Publications and Strategies for Deciding Where to Publish
  - 10.7.2. Other Considerations for the Different Scientific Dissemination Media
- 10.8. Opportunities and Resources for Development of Studies and Research.
  - 10.8.1. Support Units and Health Research Institutes
  - 10.8.2. Center's Own Resources and External Funding Possibilities



Learn about the latest developments in healthcare and apply them to your clinical work through hands-on training guided by industry professionals"





## tech 46 | Clinical Internship

The internship period of trained practical This Internship Program consists of a 3-week period from Monday to Friday, with 8 consecutive hours of up-to- education with an attending specialist. This hospital stay will allow the specialist to develop a real care on patients who are admitted. The student will also be supported by a team of experts in the sector who will monitor the student's learning and guide him or her towards good healthcare practice.

This Practical Training proposal arises from the need to have specialists who can deal with different pathologies and even know how to develop in the surgical and maternal area. Thanks to this practical period, they will be able to offer all their knowledge to identify the best therapies for their patients and guide them in the survival of diseases. This is the aim of the practical training which, in addition, offers the student a high professional performance.

It is, therefore, an excellent opportunity for the student to deal in a real environment with the risks and problems of clinical safety or the administration of drugs and other therapies, as well as the most advanced therapeutic means in hospital nursing practice, among other issues.

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 Current La nursing practice transfer(learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the internship, and their implementation is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:



Thanks to this Hybrid Master's
Degree you will interact for 3
weeks with real patients, having
a second opinion from experts
forpharmacological intervention"



# Clinical Internship | 47 **tech**

Module	Practical Activity		
Wiodule	Tractical Activity		
	Accompanying the patient during the hospital admission and discharge phases.		
Intangibles in Hospital Care	Using ICTs as a method of patient follow-up		
	Communicate in a formal, clarifying and pleasant tone with both patients and their families		
Nursing Care in Pluripathological Assistance Processes	$\label{processes} Assist the specialist in the performance of diagnostic tests in oncological processes.$		
	help the specialist in the Production diagnostic tests in Hematologic processes.		
	Apply palliative care for patients in the terminal phase of an illness.		
Nursing Care in Surgical, Emergency and Critical Care Processes	Organize and manage the surgical departments in the preoperative phases.		
	Receive the surgical patient and take note of aspects related to their diet or allergies. food or allergy related issues		
	Urgent care of patients with diverse processes: surgical, traumatic and critical.		
	Outline a plan of care for patients with nephrological problems.		
Nursing Care in a Variety of Care Processes	Elaboration of therapeutic and care plans for patients undergoing general surgery		
	Undertake the most appropriate care for patients who have recently undergone surgery of thoracic pathologies		
Nursing Process	Perform a physical examination of a patient to ensure that the patient's physical condition is optimal.		
J	Care planning according to each patient's specific pathology.		

## **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 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 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 Master's Degree will receive a certificate accrediting their stay at the center.
- **5. EMPLOYMENT RELATIONSHIP:** the Hybrid 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 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 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.





## tech 52 | Where Can | Do the Clinical Internship?

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



#### Centro Médico HLA San Carlos - Jávea

Country City
Spain Alicante

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

Multidisciplinary healthcare clinic

#### Related internship programs:

Hospital Nursing - Intensive Care Nursing



### Hospital HLA San Carlos Denia

Country City
Spain 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



## Hospital Mesa del Castillo

Country City
Spain Murcia

Management: Calle Ronda Sur, 20, 30010 Murcia

Privately managed healthcare center

#### Related internship programs:

- Advanced Operating Room Nursing Hospital Nursing



## **Hospital HM Modelo**

Country City
Spain 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



## Hospital Maternidad HM Belén

Country City
Spain 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



## Hospital HM Rosaleda

Country City
Spain 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



## Hospital HM La Esperanza

Country City
Spain La Coruña

Management: Av. das Burgas, 2, 15705, Santiago de Compostela, A Coruña

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

#### Related internship programs:

Oncology Nursing
- Clinical Ophthalmology



## 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

## Where Can I Do the Clinical Internship? | 53





## 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



### **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



### Hospital HM Sant Jordi

Country City Spain Barcelona

Management: Plaza de la estación, 12, 08030, Barcelona

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

#### Related internship programs:

- Hospitals and Health Services Management Hospital Nursing



#### **Hospital HM Nens**

Country City Barcelona Spain

Management: C. del Consell de Cent, 437, 08009, Barcelona

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

#### Related internship programs:

Hospital Nursing - Hospitals and Health Services Management



## **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



### Hospital HM Montepríncipe

Country 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



## **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



## **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

## tech 54 | Where Can I Do the Clinical Internship?



## 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



## Hospital HM Puerta del Sur

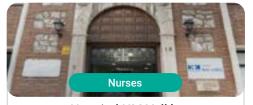
Country City
Spain Madrid

Management: Av. Carlos V, 70, 28938, Móstoles, Madrid

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

#### Related internship programs:

- Palliative Care - Clinical Ophthalmology



## 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



## Hospital HM Málaga

Country City
Spain Malaga

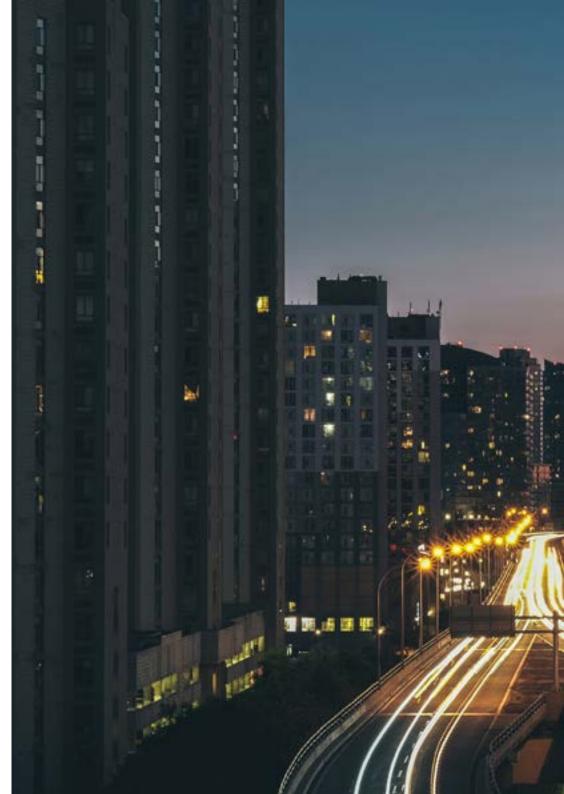
Management: Av. de Carlos Haya, 121, 29010, Málaga

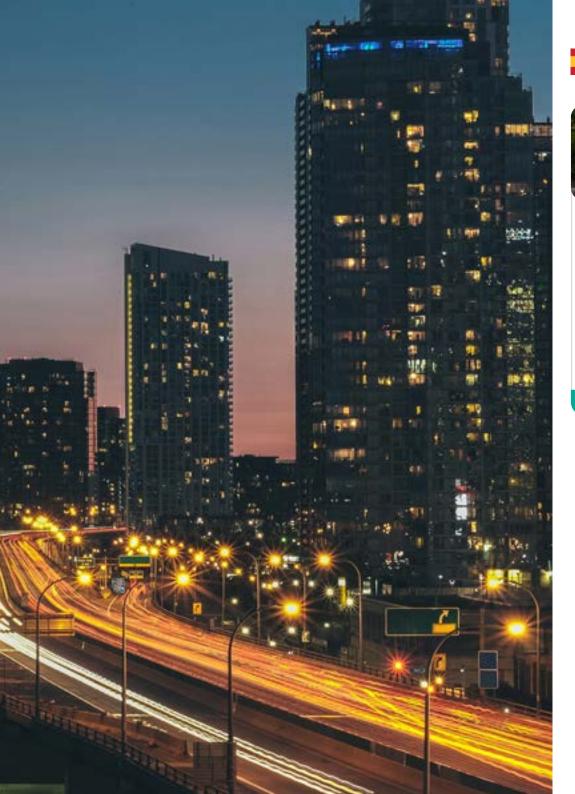
Network of private clinics, hospitals and specialized centers distributed throughout Spain.

#### Related internship programs:

Hospital Nursing

- Hospitals and Health Services Management





## Where Can I Do the Clinical Internship? | 55 tech



## Hospital HM El Pilar

Country City
Spain Malaga

Management: Paseo de Sancha, 15, 29016, Málaga

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

#### Related internship programs:

- Clinical, Medical and Welfare Management
- Hospitals and Health Services Management



## Hospital HM Gálvez

Country City Spain Malaga

Management: Calle San Agustín, 1, 29015, Málaga

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

#### Related internship programs:

- Hospitals and Health Services Management Hospital Nursing



## Hospital HM Santa Elena

Country City Spain Malaga

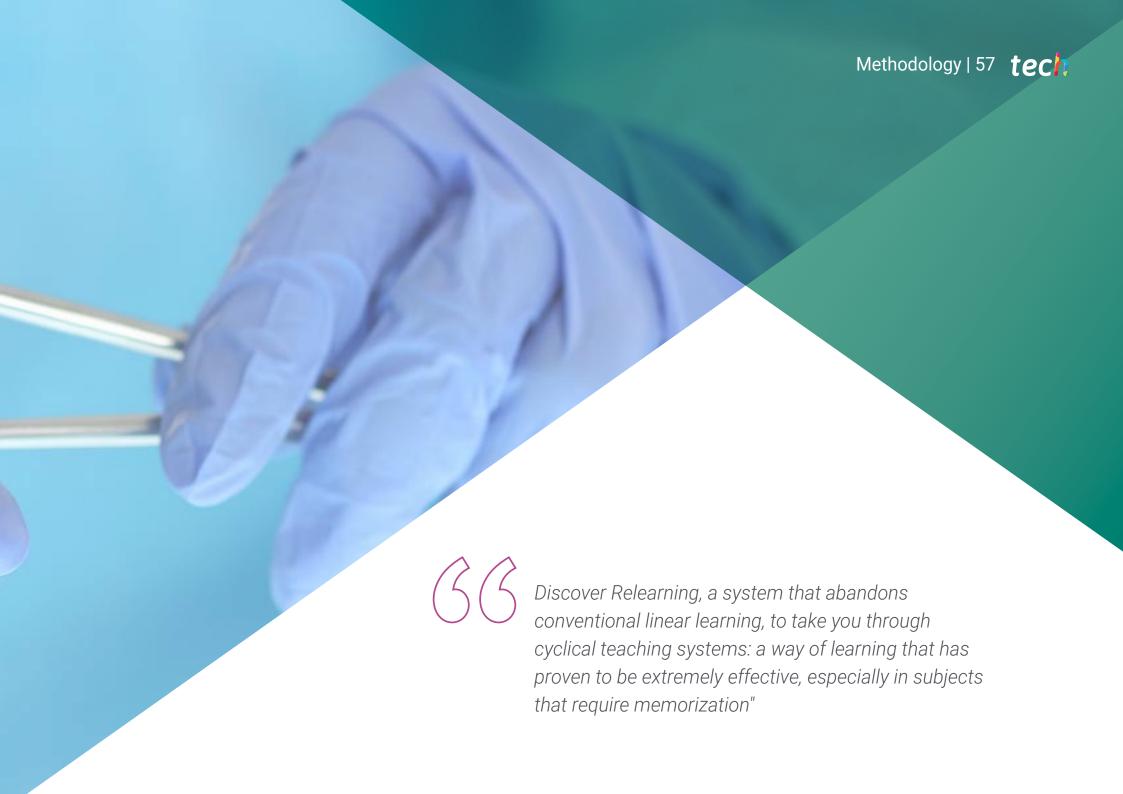
Management: Urbanización Los Alamos, C. Sardinero, s/n, 29620, Torremolinos, Málaga

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

#### Related internship programs:

- Clinical, Medical and Welfare Management
- Hospitals and Health Services Management

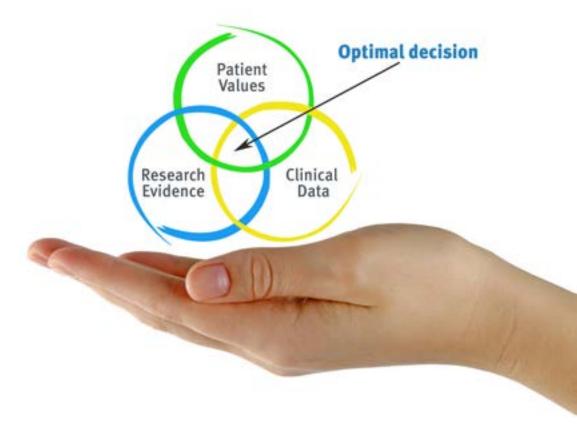




## At TECH Nursing School we use the Case Method

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:

- 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.





## Methodology | 61 tech

At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology 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**

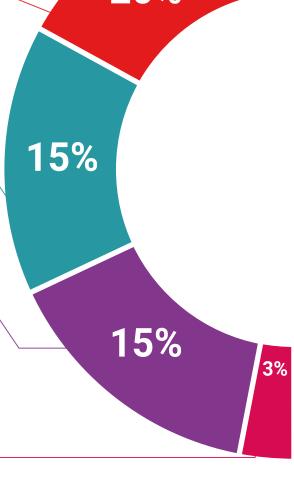
We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you 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

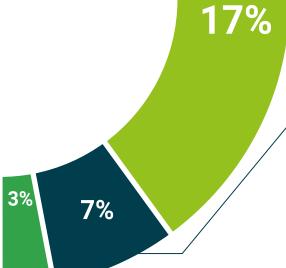
There is scientific evidence suggesting that observing third-party experts can be useful.

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.



20%





## tech 66 | Certificate

This program will allow you to obtain your **Hybrid Master's Degree diploma in Hospital 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.

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

Hybrid Master's Degree in Hospital Nursing

This is a program of 1,620 hours of duration equivalent to 65 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

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 Master's Degree in Hospital Nursing

Course Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: **TECH Global University** 

Recognition: **60 + 5 ECTS Credits** 



<sup>\*</sup>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.

health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment



# Hybrid Master's Degree Hospital Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

60 + 5 ECTS Credits

