

# Hybrid Professional Master's Degree

Operating Room Nursing  
and Intraoperative Care





## Hybrid Professional Master's Degree

### Operating Room Nursing and Intraoperative Care

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

60 + 5 ECTS Credits

Website: [www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-operating-room-nursing-intraoperative-care](http://www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-operating-room-nursing-intraoperative-care)

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# 01

# Introduction

One of the most changing contexts within nursing is the surgical area, which has specific characteristics different from the rest. The evolution of techniques, as well as technological advances, means professionals need to undergo constant training, to be able to provide excellent surgical care. In this sense, being up to date with state-of-the-art procedures makes it easier to provide the highest quality care throughout the surgical process. Aware of this, TECH presents a program that, in addition to offering you the best 100% online content in the academic market, will allow you to develop in a real environment your maximum potential and growth in the area of operating rooms and intraoperative care for 120 hours with a team of nurses versed in operating room activity in the current clinical context.





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*A program that will provide you with the necessary tools to practice in the surgical field with greater guarantees of success through the mastery of the most innovative intraoperative guidelines"*

The role played by the nursing professional from the moment the patient enters the operating room until the end of the surgery is of vital importance for the patient's health care, since he/she is not only in charge of the patient's transfer and adaptation to the surgical environment, but also actively participates in the operation through infection prevention, sterilization of instruments, monitoring of the patient's blood pressure, etc. This is an area that, according to the advances in medicine and science, has been implementing increasingly sophisticated and complex strategies in its praxis, which ensure a potentially safer and more beneficial intervention for the patient's recovery.

In view of this, TECH and its team versed in the area, has developed a complete program aimed to up to date the knowledge of Nursing in their functions in surgical processes, thus arises the Hybrid Professional Master's Degree in Nursing in Operating Room and Intraoperative Care, an unparalleled academic experience that combines theory and practice in a multidisciplinary program with which, without a doubt, the graduate can work intensively in the improvement of their professional skills. You will have the opportunity to learn all about sterilization and disinfection of instruments and the area, aseptic control, preoperative preparation and the best and most innovative guidelines for sutures in the different types of operations.

You will have 1,500 hours of the best theoretical and additional content, which will be framed in a convenient and flexible 100% online format so that you can access the up to date of your knowledge from wherever you want and whenever you want, without schedules or face-to-face classes. But, without a doubt, the strong point of this program is the practical stay, consisting of 120 hours in a clinical center of international reference. Therefore, you will culminate this academic experience having updated in detail your practice, under the guidance of the best and with the guarantee that TECH offers as one of the largest online nursing schools in the world.

This **Hybrid Professional Master's Degree in Operating Room Nursing and Intraoperative Care** 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 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

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*Enjoy an intensive 3-week stay in a reputable center and get up to date on the latest procedures to achieve personal and professional growth"*

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 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. The contents are based on the latest scientific evidence, and oriented in a didactic way to integrate theoretical knowledge in nursing practice, and the theoretical-practical elements will facilitate the up to date of knowledge and will allow decision making in patient management.

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 reason, the student will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of Intensive Care units who also have extensive teaching experience.

*Not only will you update your theoretical knowledge, but you will also be able to put it into practice by having at your disposal the best technological equipment on the market.*

*Up to date your knowledge through the Hybrid Professional Master's Degree for Nursing in the Operating Room and Intraoperative Care in a practical way, adapted to your needs.*



02

# Why Study this Hybrid Professional Master's Degree?

The continuous changes that occur in the clinical area due to the development and progress of science make it difficult, in most cases, to keep the practice up to date. For this reason, and given the limited time available to nursing professionals, TECH has developed this comprehensive program that combines theory and practice in order to offer graduates a complete experience, which allows them both to catch up on the most advanced theoretical concepts, and to perfect their skills in intraoperative care through a practical stay with a team of experts of the highest level.





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*There are several reasons for choosing this program. But if there is one to highlight, it would undoubtedly be the very high degree of dynamism and comprehensiveness with which its curriculum has been designed"*

### 1. Updating from the Latest Technology Available

All of the centers that are part of the list of internships in which the graduate will be able to carry out his or her internships have the latest clinical technology available, based on the most sophisticated and specialized tools for intraoperative nursing care. In this way, the graduate who accesses this Hybrid Professional Master's Degree will be able to keep up to date with the latest developments in its management through the mastery of the most specific and specialized techniques for it.

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

Having the support of a team specialized in the area of intraoperative care in nursing is, without a doubt, a significant asset that differentiates this program from similar ones currently on the academic market. This is a unique opportunity to grow hand in hand with the best, as well as to up-to-date the graduate's practice according to the clinical and therapeutic strategies that have elevated his or her career to the top of the sector.

### 3. Entering First-Class Clinical Environments

Enrollment in this Hybrid Professional Master's Degree in Surgical and Intraoperative Care Nursing will give the graduate access to a significant variety of case studies, allowing them to work on perfecting their skills in a wide range of circumstances. In this way, you will be able to work on mastering the most appropriate clinical guidelines for each case.





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

The program's curriculum includes both a theoretical section, based on the most immediate developments in intraoperative care, as well as a practical stay unparalleled in the nursing field. In this way, the graduate can reinforce their knowledge, implementing the advances that have been made in this field in recent years, applying them, a posteriori, in the actual management of patients in the operating room.

#### 5. Expanding the Boundaries of Knowledge

Undoubtedly, this Hybrid Professional Master's Degree is presented as a unique and exclusive opportunity to elevate the talent and knowledge of the Nursing specialist to the maximum, through an intensive and exhaustive up to date of their concrete praxis. In this way, you will be able to implement the most sophisticated and innovative clinical and diagnostic strategies, increasing the guarantee of your service and raising your level to the pinnacle of intraoperative care.

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

# 03 Objectives

TECH is aware that Nursing professionals have very little time to work on updating their knowledge, which becomes an even more complex task due to the constant changes in favor of a more specialized service. Therefore, the objective of this Hybrid Professional Master's Degree is to provide the specialist with the most complete and comprehensive information related to intraoperative care and those necessary in the operating room, so that, in a theoretical and practical way, the graduate can catch up with the latest developments in their profession in just 12 months of the best academic experience.



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*With this program you will exponentially improve the level of your interventions in the surgical area through the variety of content that TECH multidisciplinary puts in your hand"*



## General Objective

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- The general objective of the Hybrid Professional Master's Degree in Nursing in Operating Room and Intraoperative Care 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 professionals will approach the main interventions of the specialist, which will allow them to improve and enhance their skills in the medical care of their patients. in Care Situations





## Specific Objectives

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### Module 1. Surgical Nursing

- ♦ Identify opportunities in the application of acquired theoretical knowledge and the tasks and techniques carried out in the operating room
- ♦ Assess the success of teamwork with the aim of achieving set goals
- ♦ Prevent mistakes and accidents which could put the general objective of nursing professionals -the protection of the patient in the field of surgery- at risk
- ♦ Establish a treatment with the patient and their family that goes beyond the simple application of nursing techniques, , and consider all aspects of the patient's condition as whole
- ♦ Describe the role of the nurse in the integral care of a patient during the surgical process
- ♦ Evaluate the importance of nursing records in the field of surgery , and describe the necessary procedures for correctly implementing them
- ♦ Explain expert nursing care related to the safety of a surgical patient

### Module 2. Architecture, Installations and Equipment in the Surgical Department

- ♦ Describe the most common surgical situations in a hospital environment , and the role of the nursing professional in these situations
- ♦ Master the characteristics of operating rooms in depth
- ♦ Understand and analyze space distribution in an operating room
- ♦ Review the different existing surgical equipment
- ♦ Analyze the instruments required for laser surgery
- ♦ Analyze surgical procedures and identify the key aspects , to achieve adequate control over the quality and management of resources

### **Module 3. Concept of Asepsis and Infection Control: Sterilisation and Disinfection**

- ♦ Revise the key principles of surgical asepsis
- ♦ Analyze the concept of infection
- ♦ Master different techniques to control infection
- ♦ Understand the need for sterile techniques
- ♦ Identify different sterile techniques and examples of their use

### **Module 4. Preoperative Preparation of the Surgical Patient**

- ♦ Analyze the fundamentals of communication with surgical patients
- ♦ Know how to respond to the needs of surgical patients, including psychological issues, adaptation and informed consent
- ♦ Know how to prepare and assess pre-surgical patients physically and nutritionally
- ♦ Perform pre-surgical assessments of pediatric patients
- ♦ Know the protocols to be followed when dealing with patients allergic to latex

### **Module 5. Organization and Relations of Nursing Work in the Surgical Department**

- ♦ Apply the scientific method, as a way of developing diverse surgical procedures and routines while, updating all your knowledge and practical skills in response to the new care trends within the surgical field
- ♦ Implement different strategies to meet the requirements of new healthcare demands
- ♦ Analyze and implement new care models based on psychosocial factors involved in health problems, favoring a multidisciplinary approach and promoting patient participation in their own health care process

- ♦ Master how to prepare the surgical field
- ♦ Apply selective collection of waste and residue
- ♦ Master the different patient positions according to the surgical technique to be performed

### **Module 6. Types of Surgery**

- ♦ Delve into the pre-surgical and surgical protocols for each type of surgery
- ♦ Update on the different types of surgery depending on the area to be treated

### **Module 7. Surgical Instruments**

- ♦ Recognize and classify the general and specific surgical material and instruments, in each specialty based on their functionality
- ♦ Analyze the textile, consumable and prosthetic materials used in surgical interventions
- ♦ Master how to clean the instruments before sending them to sterilization
- ♦ Apply new technologies to surgical instrumentation
- ♦ Know how to use the latest trends in surgical instrumentation

### **Module 8. Surgical Sutures**

- ♦ Master the classification and characteristics of suture threads
- ♦ Analyze how surgical needles function
- ♦ Delve into suture techniques and indications
- ♦ Know how to remove surgical sutures: equipment, material, procedure and final considerations
- ♦ Identify how surgical needles are assembled



**Module 9. Anesthesia I**

- ♦ Gain up-to-date knowledge on drug management procedures and patient control during anesthesia
- ♦ Delve into patient safety during anesthesia
- ♦ Master surgical patient monitoring to detect any type of abnormality
- ♦ Master the access, management and maintenance of the airway: intubation and extubation
- ♦ Identify the most commonly used types of anesthetics
- ♦ Apply defibrillation when needed, mastering the use of the crash cart

**Module 10. Anesthesia II**

- ♦ Study the basics of general anesthesia more in depth
- ♦ Know the most commonly used drugs in each case
- ♦ Delve into the different regional anesthetic techniques
- ♦ Delve deeper into nursing care for anesthetized patients and crash cart management
- ♦ Be aware of the possible complications derived from anesthesia

**Module 11. Research Methodology in Operating Room Nursing**

- ♦ Carry out critical reading on outcome research
- ♦ Retrieve scientific information about the surgical area
- ♦ Master writing articles with a scientific structure and publishing results in high-impact journals
- ♦ Delve into the AGREE instrument method
- ♦ Identify the different bibliographic reference managers



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

# 04 Skills

After passing the assessments on the Master' Hybrid in Nursing in the Operating Room and Intraoperative Care, will have perfect the necessary professional skills for quality, up-to-date care based on the most recent scientific evidence. The program will provide you with the best resources for this, both during the theoretical period and during the practical stay, also contemplating those aspects that are indispensable for nursing practice at the highest level.



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*Don't miss this great opportunity to up to date your knowledge in Surgical Nursing to provide the highest quality care based on the most innovative guidelines for intraoperative care"*

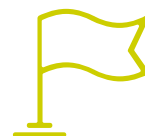


## General Skills

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- ♦ Possess and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often in a research context
- ♦ Know how to 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 challenge of making judgements based on incomplete or limited information. In addition, include reflections on the social and ethical responsibilities linked to implementing this knowledge and judgement
- ♦ Know how to communicate their conclusions and the ultimate knowledge and rationale behind them to specialized and non-specialized audiences in a clear and unambiguous manner
- ♦ Acquire the learning skills that will enable further studying 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 your professional skills and keep them up to date, with special emphasis on autonomous and continuous learning of new information
- ♦ Develop the capacity for critical analysis and research in your professional field





## Specific Skills

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- ◆ Explain and define the perioperative surgical process, and its three component stages
- ◆ Define the skills and abilities of a nursing professional in surgery, internalizing what their qualities and aptitudes should be
- ◆ Identify the different areas in which the surgical process takes place, and its interrelation with other support services
- ◆ Be aware of the importance of reciprocal information between the patient/family and the nursing professional during the whole surgical process
- ◆ Control or minimise the patient's level of anxiety, typical in these situations, as well as pain if present
- ◆ Acquire the necessary knowledge to carry out all nursing interventions, depending on the surgical moment
- ◆ Learn how to properly take care of the patient/family whether on the ward, in the operating room or in resuscitation
- ◆ Learn the most commonly used anesthetic techniques in perioperative medicine, indications and complications
- ◆ List the drugs frequently used in the anesthetic procedure, their mechanism of action and side effects, knowing how to act according to the drug administered

05

# Course Management

TECH considers it essential to have a team of the highest level that accompanies the student during the theoretical up-to-date period, to guide them through the experience by means of the most effective technical guidelines. For this reason, for the faculty of this Hybrid Professional Master's Degree, we have selected a group of multidisciplinary professionals of the highest clinical level, related to the area of intraoperative care. A team of specialists will provide graduates with all the resources they will need to make this academic experience as rewarding as possible for their careers.



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*The teaching team has worked tirelessly to develop, exclusively for this Hybrid Professional Master's Degree, 1,500 hours of the best theoretical, practical and additional content"*

## Management



### Ms. Diaz Torrijos, María Jose

- Nursing supervisor of the General Surgery Department at 12 Octubre Hospital
- Cardiology Service, Fundación Alcorcón University Hospital
- Operating Room Services, 3rd General Residency at Fuenlabrada University Hospital
- Specialist Nursing Qualification in Pediatric Nursing from the Ministry of Culture, Education and Sports
- Master's Degree for Nursing Management from European University of Madrid
- Expert Postgraduate Certificate in Management and Quality of Care from the Nursing Leadership by FUDE
- Degree for Nursing from the "Puerto de Hierro" University School of Nursing, Autonomous University of Madrid



## Professors

### Ms. Ranz González, Raquel

- ♦ Surgical Nurse
- ♦ Surgical Nurse in various specialities at Gregorio Marañón Hospital
- ♦ Room Requirements Nurse at various specialities 12 de Octubre Hospital
- ♦ Participation in the subcommissions of “Surgical Protocols and Accounting protocol revision” at 12 de Octubre University Hospital
- ♦ Co-author of several communications and scientific presentations for national events and congresses of the guild
- ♦ Diploma and Grade for Nursing from the Complutense University of Madrid

### Ms. Esteban Saori, Patricia

- ♦ Surgical Nurse in the Lung Transplant Team at 12 de Octubre University Hospital 2005 - present. 12 de Octubre
- ♦ Surgical Nurse in the Lung Transplant At Hospital at 12 de Octubre University Hospital
- ♦ Diploma for Nursing in the Autonomous University of Madrid

### Mr. García Ortega, Eduardo

- ♦ Surgical Block Nurse, 12 de Octubre University Hospital, Madrid of Madrid
- ♦ Chief of Operating Theatre Department, Hospital Moncloa, Madrid
- ♦ Operating Room Nurse at the Nuevo Parque Clinic in Madrid
- ♦ Graduate for Nursing from the Complutense University of Madrid
- ♦ Postgraduate degree and in Operating Theatre and Anesthesia in the Rey Juan Carlos University

### Ms. Sanz Hernández, Natalia

- ♦ Surgical Nurse in Maxilofacial, Trauma and Orthopedics at 12 de Octubre University Hospital de Madrid
- ♦ Surgical Nurse in the Lung Transplant At Hospital at 12 de Octubre University Hospital de Madrid
- ♦ Diploma in Nursing from the University of Valladolid
- ♦ Adaptation Certificate in Nursing from the University of León

### Mr. García Del Campo, Gabriel

- ♦ Operating Room Service in the Abdominal Organ Transplant Unit at the 12 de Octubre University Hospital Madrid
- ♦ Official Specialist Nurse Qualification in Pediatric Nursing. Ministry of Education of Spain
- ♦ University Diploma in Nursing. San Pablo University CEU, Madrid
- ♦ Virgen del Mar Hospital, Madrid. Operating Room Services and Intensive Care

# 06

## Educational Plan

The syllabus of this Hybrid Professional Master's Degree has been developed by TECH and the teaching team in such a way that, in the 1,500 hours it includes, the graduate will find the most complete, comprehensive and updated information in relation to intraoperative care. In addition, they have included hundreds of hours of high-quality additional material, presented, in a variety of formats: detailed videos, research articles, further reading and much more! All framed in a state-of-the-art Virtual Campus that can be accessed from any device with an Internet connection.



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*The entire content can be downloaded to any device with internet connection, so you can consult it even the end you have completed the Hybrid Professional Master's Degree"*

### Module 1. Surgical Nursing

- 1.1. Professional Discretion
- 1.2. Brief Historical Introduction to Surgical Nursing and “Modern” Surgery
- 1.3. Professional Nursing Personal Qualities and/ or Behaviours for Nursing who Decide to Dedicate Themselves to the Surgical Field
- 1.4. Stress Control in the Operating Room: *Burnout Syndrome*
- 1.5. Nursing Practice and Humanizing Care in the Operating Room

### Module 2. Architecture, Installations and Equipment in the Surgical Department

- 2.1. Architecture and Facilities: Structure and Location, Space Design and Distribution
- 2.2. Surgical Features and Equipment
- 2.3. New topic: operating room design
- 2.4. Biosafety in Operating Rooms
- 2.5. Analyzing the Situation in the Surgical Block
- 2.6. Patient Safety in the Surgical Block
- 2.7. Specific Equipment for Certain Procedures: Electrosurgery. Electric Scalpel
- 2.8. Specific Equipment for Certain Procedures: Pneumatic Tourniquet (Ischemia) and Endoscopic Surgery
- 2.9. Specific Equipment for Certain Procedures: Laser Technology

### Module 3. Concept of Asepsis and Infection Control: Sterilisation and Disinfection

- 3.1. Brief Historical Introduction and Some Definitions
- 3.2. Infection and How to Control it
- 3.3. The Need for Sterile Techniques
- 3.4. Central Services of Sterilization
- 3.5. Methods of Sterilization
- 3.6. Sterilization Controls
- 3.7. Preparation of Materials to Sterilize
- 3.8. Maintenance of Sterile Material Stocks
- 3.9. Biological Risks not Associated with the Sterilization Process
- 3.10. Reuse of Single-Use Medical Devices
- 3.11. Occupational Hazards in Sterilization Units
- 3.12. Cleaning the Operating Room



#### Module 4. Preoperative Preparation of the Surgical Patient

- 4.1. Communicating with Patients and Psychological Considerations before Surgery
- 4.2. Patient Needs, Psychological Responses, Accepting Surgery and Informed Consent
- 4.3. Preparation and Physical Examination of Surgical Patient Candidates  
Nutritional Needs
- 4.4. Special Considerations: Diabetic, Obese, Pediatric, Geriatric and Terminal Patients
- 4.5. Preoperative Assessment in Pediatric Surgery
- 4.6. Interpersonal Relationships: Nurse-Patient and Nurse-Surgical Team
- 4.7. Preoperative Shaving
- 4.8. Surgical Preparation for Cognitively Impaired Patients
- 4.9. Preoperative Skin Preparation
- 4.10. Patients Allergic to Latex

#### Module 5. Organization and Relations of Nursing Work in the Surgical Department

- 5.1. Necessities in the Operating Room
- 5.2. Economic Use of Materials and Equipment
- 5.3. Role of the Surgical Nurse Different Roles during the Different Phases of Surgical Intervention (Preoperative, Intraoperative and Postoperative Procedures)
- 5.4. Other Members of the Operating Room Team The Importance of Teamwork
- 5.5. Surgical Scrubbing and Donning of Sterile Gowns and Gloves
- 5.6. Preparing Instrument Tables
- 5.7. Delivering Patients to the Surgical Table Transfer to the Operating Table
- 5.8. The Surgical Table: General Patient Positions according to the Surgical Technique to be Performed
- 5.9. Possible Patient Injuries due to Incorrect Positioning on the Surgical Table.
- 5.10. Intraoperative Techniques Economics in "Time and Motion"
- 5.11. Radiation Risks and Precautions
- 5.12. Concluding the Intervention Removal from the Surgical Site and Cleaning the Operating Room

#### Module 6. Types of Surgery

- 6.1. Gynecological Surgery
- 6.2. Urologic Surgery
- 6.3. Cardiac Surgery
- 6.4. Vascular Surgery
- 6.5. Ophthalmic Surgery
- 6.6. Otolaryngological Surgery
- 6.7. Orthopedic Surgery
- 6.8. General Surgery
- 6.9. Neurological Surgery
- 6.10. Thoracic surgery
- 6.11. Dermatological Surgery

#### Module 7. Surgical Instruments

- 7.1. General Aspects. Surgical Timing Surgical Instruments: Characteristics, Parts, Classification and Indications
- 7.2. Arrangement of Surgical Instruments and Other Materials on the Instrumentation Table(s). Instrument Care and Management
- 7.3. Presenting Basic and General Surgical Instruments Instrumentation Techniques
- 7.4. Textile, Disposable and Prosthetic Materials Surgical Specialties Instrument Cleaning and Preparation prior to Sterilization Referral
- 7.5. "Silent" Instrumentation Role of Nursing in New Technologies
- 7.6. Surgical Field Set-Up and Sterile Field Preservation in Laparoscopy
- 7.8. Basic Instruments in Laparoscopy
- 7.9. Nursing Staff Intervention in Laparoscopic Surgery
- 7.10. Safety Activities in Surgical Instrumentation
- 7.11. Robots. New Colleagues in the Operating Room. Da Vinci System

### Module 8. Surgical Sutures

- 8.1. History and Definition of Suture
- 8.2. Classification and Characteristics of Suture Thread
- 8.3. Surgical Needles
- 8.4. Anatomy of a Surgical Needle - Practical Aspects of Use
- 8.5. Suture Techniques, Indications and Removal
- 8.6. Hemorrhages and Healing Phases
- 8.7. Types of Surgical Suture
- 8.8. Suture Anesthesia
- 8.9. Surgical Suture Care at Home

### Module 9. Anesthesia I

- 9.1. What is Anesthesia? Evolution of Current Concepts of Anesthesia
- 9.2. Patient Safety in Anesthesia
- 9.3. Pre-anesthetic Consultation
- 9.4. Apparatus to Support Anesthetic Control
- 9.5. Surgical Patient Monitoring I. Cardiovascular
- 9.6. Surgical Patient Monitoring II. Respiratory, Renal Function and Acid Base Balance
- 9.7. Surgical Patient Monitoring III. Temperature, Neuromuscular and CNS
- 9.8. Nursing Airway Management
- 9.9. Devices to Ensure Airway Permeability. Airway Cart
- 9.10. Fluid Therapy, Blood and Blood Derivatives
- 9.11. Pediatric Anesthesia

### Module 10. Anesthesia II

- 10.1. General Anesthesia
- 10.2. Most Common Anesthetic Agents (Drugs)
- 10.3. Inhalation Anesthetic Agents
- 10.4. Regional Anesthetic and Analgesic Techniques
- 10.5. Peripheral blockages. Sedation
- 10.6. Nursing Care for Patients under Anesthesia Crash Cart
- 10.7. Postoperative Complications
- 10.8. Interventions that Can Prevent Preoperative Complications
- 10.9. Patient Admission to the Post-Anesthesia Recovery Unit
- 10.10. Possible Complications Discharge Criteria





## Module 11. Research Methodology in Operating Room Nursing

- 11.1. Recovery of Quality Information Specializing in Health Sciences
  - 11.1.1. Development of a Bibliographic Search
  - 11.1.2. Knowledge of Different Information Sources: General Search Engines (Google Scholar, Scopus), Databases (PubMed, Embase, Cinahl) and *Clearinghouse* Clinical Practice Guidelines
  - 11.1.3. Designing Complex Search Strategies
  - 11.1.4. Refinement of Search Results
  - 11.1.5. Creating Bibliographic Alerts
- 11.2. Bibliographic Reference Management
  - 11.2.1. Introduction to Bibliographic Reference Managers
  - 11.2.2. Importing References into the Zotero Reference Manager
  - 11.2.3. PDF Metadata Extraction
  - 11.2.4. Use of Tags or Metatags to Classify the Bibliography
  - 11.2.5. Including References in the Text. Vancouver Style
  - 11.2.6. Social Web and Group Work
- 11.3. Critical Reading on Outcomes Research
  - 11.3.1. Introduction. Critical Reading
  - 11.3.2. Some Basic Concepts in Epidemiology
  - 11.3.3. Qualitative Research Designs
  - 11.3.4. Quantitative Research Designs
  - 11.3.5. Instruments for Critical Reading
- 11.4. How to Prepare a Research Protocol
  - 11.4.1. Headings that Make Up the Protocol of a Research Project
  - 11.4.2. Editorial Staff articles with Scientific Structure
  - 11.4.3. Writing a Case Report, Review, Qualitative Research Article, and a Thesis or Dissertation
  - 11.4.4. Style in Scientific Communication
- 11.5. Master's Thesis: Academic Work of Bibliographic Review and Research
  - 11.5.1. The Importance of a Master's Thesis
  - 11.5.2. Proposal and Feasibility of a Master's Thesis
  - 11.5.3. Recommendations for the Preparation of the Master's Thesis
  - 11.5.4. Development and Evaluation of the Master's Thesis
  - 11.5.6. Recommendations for the Defence of the Master's Thesis

07

# Clinical Internship

After passing the Online up to training 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 during the whole process, both in the preparation and in the development of the clinical practice.





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*the world of Do your clinical internship in one of the best international hospital centers”*

The Practical Training period of this Surgery and Intraoperative Care program consists of a 3-week clinical practicum, Monday through Friday, with 8 consecutive hours of practical training with an attending specialist. This stay will allow to see real patients next to a team of reference professionals in the area of surgical care nursing, applying the most innovative diagnostic procedures and planning the latest generation of therapeutics in each intervention.

In this training proposal, completely practical in nature, the activities are aimed at developing and perfecting the skills necessary for the provision of healthcare in areas and conditions that require a high level of qualification, and which are oriented to the specific training for the exercise of the activity, in a safe environment for the patient and a 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.

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 The nursing practice Care(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:





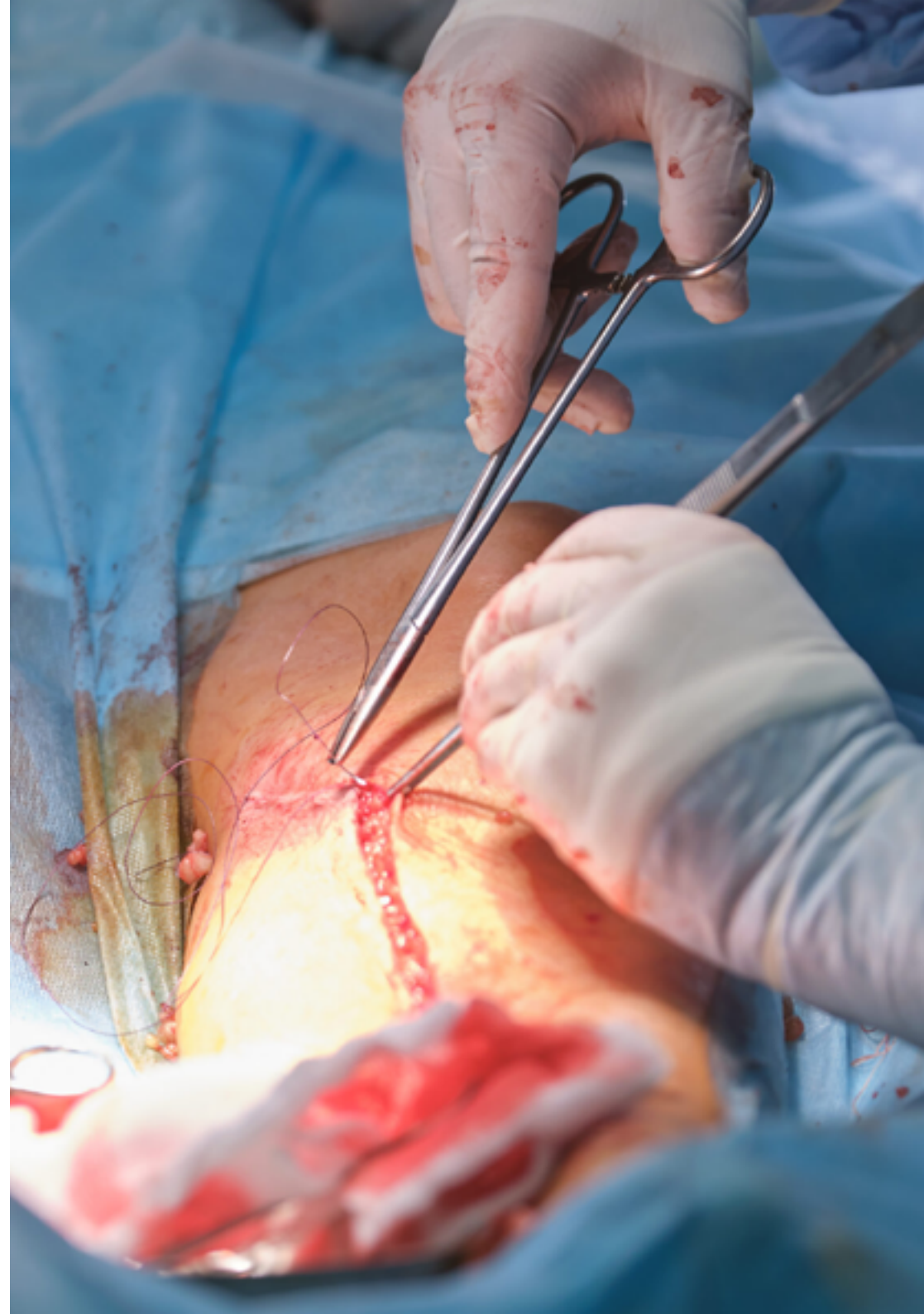
Module	Practical Activity
<b>Basic concepts and contextualization of nursing practice in intraoperative care</b>	debate with professionals the guidelines of the applicable legislation and the ethical codes of the health professions into nursing practice, referring to clinical assistance and research. This is in order to guarantee the right to dignity, privacy, intimacy and confidentiality of the subjects
	Apply a tolerant, non-judgmental, caring and sensitive attitude; considering aspects of age, gender, cultural differences, ethnic group, beliefs and values of each individual, and valuing them holistically
	Participate in the knowledge of the structure and location of the facilities and equipment of the surgical area and equipment of the surgical area
	Use the "Minimal" and "Specific" Surgical Equipment for Certain Operations: Electrosurgery, Pneumatic Tourniquet, Endoscopic Techniques and Laser Surgery
<b>Sterilization. and Infection Control</b>	Apply the principles of sterile techniques in each intervention
	management and Methods central sterilization services
	Identify the biological Risk not associated with the sterilization process
<b>Organization and Relations in Nursing Work in the Surgical Department</b>	Address different strategies to meet the requirements of new healthcare demands
	in the prevention of the inherent risks of surgery (biological, electric, etc.)
	Participate in cases where a mastery of the legal and ethical aspects of professional practice in the surgical area is required
	Discuss the most common surgical situations in a hospital environment and the role of the nursing professional in these situations
<b>Management of surgical instrumentation</b>	Recognize the general and specific surgical material and instruments in each specialty based on their functionality
	Participate in the organization of surgical instruments in the preoperative period
	Carry out a correct disinfection of the material in the postoperative area
	Sterilize the area correctly for a new intervention

## 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 for Practical Training

The general terms and conditions of the internship program agreement shall be 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?

The nurse will be able to carry out the practical stay in a high level health center of recognized national and international prestige. In this way, you will be able to up-to-date your knowledge with the help of renowned professionals who will transfer to the professional the latest advances in Room Requirements For Nursing, all this through an eminently practical approach and contact with real patients.



“

*Up-to-date your skills thanks to the on-site stay offered by this 120-hour Practical Training in the hospital of the future"*



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



Nursing

### Alen Policlínica

Country	City
Spain	Malaga

Address: Av. de Mijas, 30, 29651 Las Lagunas de Mijas, Málaga

Center with attention to all outpatient specialties

**Related internship programs:**

- Advanced Operating Room Nursing
- Primary Care Emergencies for Nursing



Nursing

### Hospital Fuensanta

Country	City
Spain	Madrid

Address: C. de Arturo Soria, 17, 28027 Madrid

Clinical center with medical services in multiple specialties

**Related internship programs:**

- Nursing Management
- Nursing in the Digestive Tract Department



Nursing

### Hospital HM Modelo

Country	City
Spain	La Coruña

Address: 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



Nursing

### Hospital Maternidad HM Belén

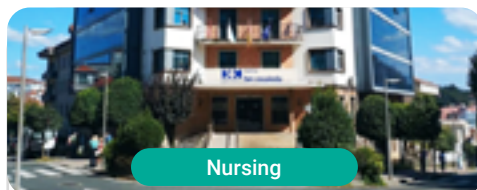
Country	City
Spain	La Coruña

Address: 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



Nursing

### Hospital HM Rosaleda

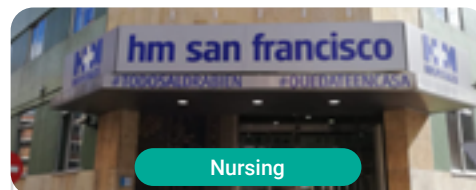
Country	City
Spain	La Coruña

Address: 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



Nursing

### Hospital HM San Francisco

Country	City
Spain	León

Address: 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



Nursing

### Hospital HM Regla

Country	City
Spain	León

Address: 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



Nursing

### Hospital HM Nou Delfos

Country	City
Spain	Barcelona

Address: 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





Nursing

### Hospital HM Madrid

Country: Spain City: Madrid

Address: 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



Nursing

### Hospital HM Montepríncipe

Country: Spain City: Madrid

Address: 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



Nursing

### Hospital HM Torrelorones

Country: Spain City: Madrid

Address: Av. Castillo Olivares, s/n, 28250, Torrelorones, Madrid

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

**Related internship programs:**

- Anaesthesiology and Resuscitation
- Palliative Care



Nursing

### Hospital HM Sanchinarro

Country: Spain City: Madrid

Address: 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



Nursing

### Hospital HM Nuevo Belén

Country: Spain City: Madrid

Address: 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



Nursing

### Hospital HM Puerta del Sur

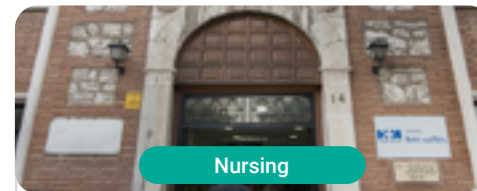
Country: Spain City: Madrid

Address: 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



Nursing

### Hospital HM Vallés

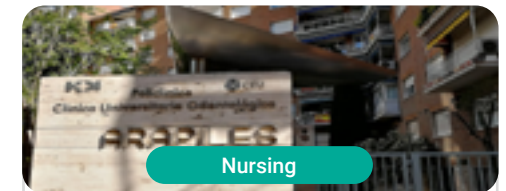
Country: Spain City: Madrid

Address: 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



Nursing

### Policlínico HM Arapiles

Country: Spain City: Madrid

Address: C. de Arapiles, 8, 28015, Madrid

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

**Related internship programs:**

- Anaesthesiology and Resuscitation
- Pediatric Dentistry



Nursing

### Policlínico HM Cruz Verde

Country	City
Spain	Madrid

Address: 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



Nursing

### Policlínico HM Distrito Telefónica

Country	City
Spain	Madrid

Address: Ronda de la Comunicación, 28050, Madrid

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

**Related internship programs:**

- Optical Technologies and Clinical Optometry
- General and Digestive System Surgery



Nursing

### Policlínico HM Gabinete Velázquez

Country	City
Spain	Madrid

Address: C. de Jorge Juan, 19, 1° 28001, 28001, Madrid

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

**Related internship programs:**

- Clinical Nutrition in Medicine
- Aesthetic Plastic Surgery



Nursing

### Policlínico HM La Paloma

Country	City
Spain	Madrid

Address: Calle Hilados, 9, 28850, Torrejón de Ardoz, Madrid

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

**Related internship programs:**

- Advanced Operating Room Nursing
- Orthodontics and Dentofacial Orthopedics





Nursing

### Policlínico HM Moraleja

Country	City
Spain	Madrid

Address: P.º de Alcobendas, 10, 28109, Alcobendas, Madrid

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

**Related internship programs:**

- Rehabilitation Medicine in Acquired Brain Injury Management



Nursing

### Policlínico HM Rosaleda Lalín

Country	City
Spain	Pontevedra

Address: Av. Buenos Aires, 102, 36500, Lalín, Pontevedra

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

**Related internship programs:**

- Advances in Hematology and Hemotherapy
- Neurological Physiotherapy



Nursing

### Policlínico HM Imi Toledo

Country	City
Spain	Toledo

Address: Av. de Irlanda, 21, 45005, Toledo

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

**Related internship programs:**

- Electrotherapy in Rehabilitation Medicine
- Hair Transplantation



Nursing

### Centro Médico Vithas Alzira

Country	City
Spain	Valencia

Address: Gran Via Comunitat Valenciana, 4, 46600 Alzira

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Castellón

Country	City
Spain	Castellón

Address: Calle Santa María Rosa Molas, 40,  
12004 Castellón de la Plana

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas El Ejido

Country	City
Spain	Almería

Address: Avenida Ciavieja, 15,  
04700 El Ejido

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Implantology and Oral Surgery



Nursing

### Centro Médico Vithas Fuengirola

Country	City
Spain	Malaga

Address: Avenida de Ramón y Cajal, s/n,  
29640 Fuengirola

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Granada

Country	City
Spain	Granada

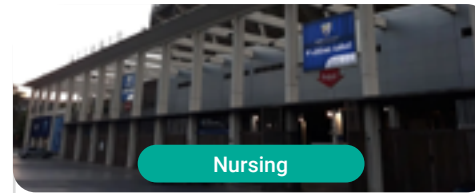
Address: Plaza Ciudad de los Cármenes, Bajo  
B, s/n, 18013 Granada

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing





Nursing

### Centro Médico Vithas La Rosaleda

Country City  
Spain Malaga

Address: Paseo Martiricos, Estadio de Fútbol La Rosaleda s/n, 29011 Málaga

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Limonar

Country City  
Spain Malaga

Address: Calle la Era, 6, 29016 Málaga

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Lleida

Country City  
Spain Lérida

Address: Avenida de Tortosa 4, 25005 Lleida

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Nerja

Country	City
Spain	Malaga

Address: Calle Antonio Ferrandis, 'Edificio Chanquete', 5, 29780 Málaga

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Playa Serena

Country	City
Spain	Almería

Address: Avenida de Playa Serena, 40, 04740 Roquetas de Mar

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Intensive Care Nursing
- Update in Anesthesiology and Resuscitation



Nursing

### Centro Médico Vithas Pontevedra

Country	City
Spain	Pontevedra

Address: Avenida Eduardo Pondal, 68, 36003 Pontevedra

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Rincón de la Victoria

Country	City
Spain	Malaga

Address: Avenida de la Torre, 15, 29730 Rincón de la Victoria

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Sevilla

Country	City
Spain	Seville

Address: Calle Enramadilla, 8, 41018 Sevilla

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Torre del Mar

Country	City
Spain	Malaga

Address: Calle San Andrés, 23, 29740 Torre del Mar

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Torremolinos

Country	City
Spain	Malaga

Address: Calle Hoyo, 15, 29620 Torremolinos

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Vitoria

Country	City
Spain	Álava

Address: Avenida Beato Tomás de Zumárraga, 1, 01008 Vitoria

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Centro Médico Vithas Madrid Aravaca

Country: Spain City: Madrid

Address: Calle La Salle, 12, 28023 Madrid

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Universitario Vithas Madrid Arturo Soria

Country: Spain City: Madrid

Address: C. de Arturo Soria, 103, 28043 Madrid

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Universitario Vithas La Milagrosa

Country: Spain City: Madrid

Address: Calle Modesto Lafuente, 14, 28010 Madrid

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Vithas Aguas Vivas

Country: Spain City: Valencia

Address: Carretera Alzira-Tavernes de Valldigna, CV-50 Km 11, 46740 Carcaixent

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Vithas Alicante

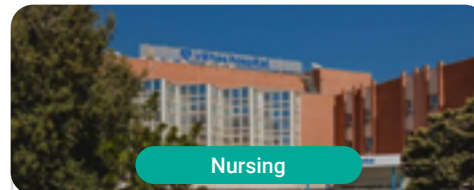
Country: Spain City: Alicante

Address: Plaza Dr. Gómez Ulla, 15, 03013 Alicante

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Endodontics and Apical Microsurgery
- Implantology Oral Surgery



Nursing

### Hospital Vithas Almería

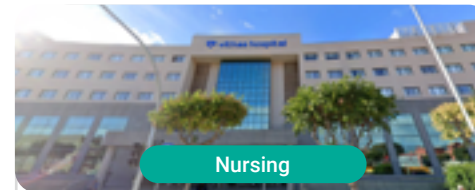
Country: Spain City: Almería

Address: Carretera del Mami, Km 1, 04120 Almería

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Intensive Care Nursing
- Update in Anesthesiology and Resuscitation



Nursing

### Hospital Vithas Castellón

Country: Spain City: Castellón

Address: Calle Santa María Rosa Molas, 25, 12004 Castellón de la Plana

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Intensive Care Nursing
- Endodontics and Apical Microsurgery



Nursing

### Hospital Vithas Granada

Country: Spain City: Granada

Address: Avenida de Santa María de la Alhambra, 6, 18008 Granada

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Vithas Las Palmas

Country City  
Spain Las Palmas

Address: Calle León y Castillo, 292, 35005 Las Palmas de Gran Canaria

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Vithas Lleida

Country City  
Spain Lérida

Address: Calle Bisbe Torres, 13, 25002 Lleida

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Vithas Málaga

Country City  
Spain Malaga

Address: Avenida Pintor Sorolla, 2, 29016 Málaga

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Vithas Medimar

Country City  
Spain Alicante

Address: Avenida de Dénia, 78, 03016 Alicante

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Gynecologic Oncology
- Intensive Care Nursing







Nursing

### Hospital Vithas Sevilla

Country	City
Spain	Seville

Address: Avenida Plácido Fernández Viagas, s/n, 41950 Castilleja de la Cuesta

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Vithas Tenerife

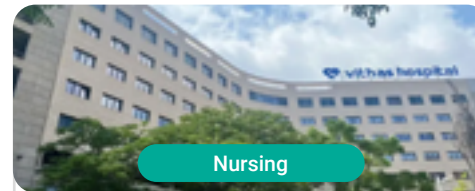
Country	City
Spain	Santa Cruz de Tenerife

Address: Calle Enrique Wolfson, 8, 38006 Santa Cruz de Tenerife

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Esthetic Nursing



Nursing

### Hospital Vithas Valencia 9 de Octubre

Country	City
Spain	Valencia

Address: Calle Valle de la Ballestera, 59, 46015 Valencia

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Vithas Valencia Consuelo

Country	City
Spain	Valencia

Address: Calle Callosa d'En Sarrià, 12, 46007 Valencia

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Vithas Vigo

Country	City
Spain	Pontevedra

Address: Via Norte, 48, 36206 Vigo

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Hospital Vithas Vitoria

Country	City
Spain	Álava

Address: Calle Beato Tomás de Zumárraga, 10, 01008 Vitoria-Gasteiz

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Endodontics and Apical Microsurgery
- Implantology Oral Surgery



Nursing

### Hospital Vithas Xanit Internacional

Country	City
Spain	Malaga

Address: Avenida de los Argonautas, s/n, 29631 Benalmádena

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Nursing

### Vithas Centro Médico

Country	City
Spain	Lérida

Address: Calle de les Astes de Sant Macari, 3, 25300 Tàrraga

Leading group in the Spanish healthcare sector

**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing





Nursing

### Vithas Internacional

Country	City
Spain	Madrid

Address: Calle Arturo Soria, 107, 28043 Madrid

Leading group in the Spanish healthcare sector

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**Related internship programs:**

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



*Make the most of this opportunity to surround yourself with expert professionals and learn from their work methodology"*

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

This Hybrid Professional Master's Degree in Operating Room Nursing and Intraoperative Care 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 Nursing in Operating Room and Intraoperative Care** 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.

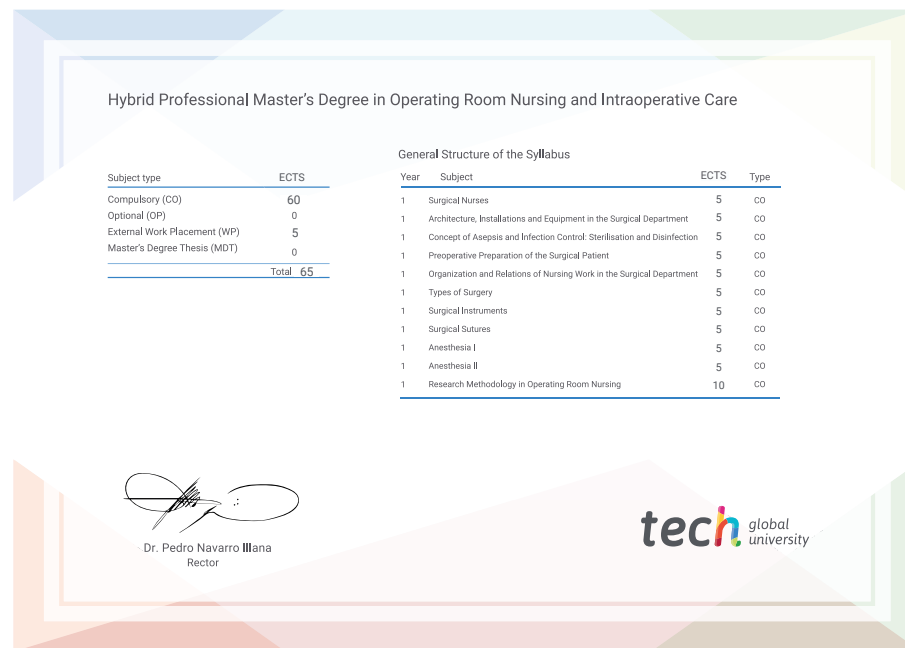
Title: **Hybrid Professional Master's Degree in Nursing in Operating Room and Intraoperative Care**

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

Operating Room Nursing and Intraoperative Care

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

60 + 5 ECTS Credits

# Hybrid Professional Master's Degree

## Operating Room Nursing and Intraoperative Care

