

Hybrid Professional Master's Degree Advanced Operating Room Nursing





Hybrid Professional Master's Degree Advanced Operating Room Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h

Website: www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-advanced-operating-room-nursing

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01

Introduction

Due to scientific and technological advances, surgical environments are becoming increasingly demanding and undergoing constant modification to achieve operating efficiency. In this line, nurses working in this field must continually up-to-date their knowledge and skills to meet the new challenges in the surgical field. For this reason, TECH has created this degree, which will allow the professional, during the theoretical phase 100% online, to learn about new procedures in neurosurgery or cardiac surgery. You will also put this knowledge into practice during a 3-week on-site stay in a prestigious hospital where, surrounded by the best experts, you will acquire up-to-date skills applicable to your sector.





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Do not miss this great opportunity and update your knowledge to offer the best treatment to your patients in surgical interventions and become a prestigious nurse"

Nursing in the surgical area requires professionals to be prepared to take on the varied daily challenges that arise in the profession. From assisting anesthesiologists to post-operative work with patients, the nurse must be able to successfully perform these tasks using the latest tools and techniques.

Aware of this, and understanding the perspective of this profession, TECH presents this Semipresential Master's Degree in Advanced Operating Room Nursing, which aims to cover the up-to-date space demanded by professionals interested in this area in a theoretical-practical way, seeking usefulness in routine clinical practice. During these 12 months of theoretical learning, the nurse will learn the most updated techniques in orthopedic and traumatologic surgery or will identify the pharmacological novelties that favor the recovery of patients in postoperative processes. Likewise, you will assimilate communication skills to deal with family members and the patient himself both before and after the operation.

In addition, the professional will master the specific procedure, the specific techniques and the exclusive surgical material for each particular type of intervention. There are a series of steps and rules common to all of them that team members Healthcare must know in detail, as well as how the entire surgical block functions so as to prevent and avoid the most common risks in practice.

The 100% online nature of the theoretical phase of this Hybrid Professional Master's Degree will allow students to perfectly combine their learning with their daily activities and personal life, allowing them to adapt their study schedules to their needs. In addition, upon successful completion of this period, the nurse will have an excellent 3-week experience in a prestigious hospital center. As part of a team made up of the best experts in the surgical field, you will put into practice the knowledge you have acquired and increase your professional skills.

This **Hybrid Professional Master's Degree in Advanced Operating Room Nursing** 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 Dental
- ◆ 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 orthopedic and trauma surgery from the point of view of nursing. nursing point of view
- ◆ Management of the surgical particularities of otorhinolaryngology procedures
- ◆ Up-to-date nursing procedures required to perform numerous cardiac surgeries
- ◆ 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



At the end of this Hybrid Professional Master's Degree, you will take a 3-week intensive stay that will allow you to acquire all the knowledge required to grow personally and professionally in the field of Advanced Operating Room Nursing"

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Do not miss this great opportunity and add to your online study the clinical practice in a surgical unit with the highest standards of quality and technological level in an elite hospital center”

In this Hybrid Professional Master's Degree proposal, of a professionalizing nature and blended learning modality, the program is aimed at updating nursing professionals. 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 updating of knowledge and will allow decision making in patient management.

Thanks to the multimedia content, developed with the latest educational technology, nursing professionals will benefit from situated and contextual learning, i.e., a simulated environment that will provide immersive learning programmed to train in real situations. This program is designed around Problem-Based Learning, whereby the physician must try to solve the different professional practice situations that arise during the course. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

This Hybrid Professional Master's Degree allows you to exercise in simulated environments, which provide immersive learning programmed to train in real situations.

Expand your knowledge through the Hybrid Professional Master's Degree in Advanced Operating Room Nursing, in a practical way and adapted to your needs.



02

Why Study this Hybrid Professional Master's Degree?

In the field of surgical nursing, it is just as important to master all the latest theoretical knowledge as it is to know how to transfer it appropriately to the real working environment. For this reason, TECH has created this degree, which will allow the student to combine the update in the procedures used in areas such as cardiac and general surgery with a practical stay of 3 weeks in a prestigious hospital center, accompanied by the best professionals in Advanced Operating Room Nursing. Thanks to this, the nurse will assimilate numerous competencies applicable in his or her work routine.





“

TECH is the only university that offers you the possibility to combine an excellent theoretical learning in surgical nursing with a practical phase in a prestigious hospital to achieve up-to-date and useful skills in this field"

1. Updating from the Latest Technology Available

The area of Advanced Operating Room Nursing has been revolutionized in recent times thanks to the emergence of new surgical instrumentation or updated preoperative and postoperative protocols. Given this situation, in order for the nurse to master all these advances in a first level hospital environment, TECH has created this program.

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

This degree is taught by professionals who actively work in the field of surgical nursing, so the knowledge offered to the student will be applicable in their work methodology. In addition, in its practical phase, you will be accompanied at all times by a great team of professionals with whom you will have access to real patients and master the most up-to-date techniques in Advanced Surgical Nursing.

3. Entering First-Class Clinical Environments

TECH carefully selects all the centers available for internships. Thanks to this, the expert will have guaranteed access to a prestigious clinical environment in the field of Intensive Care 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.



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

The academic market has an extensive range of programs that provide contents with little applicability in the work environment. Against this backdrop, TECH has created a learning model that combines excellent theoretical teaching with a practical stay in a prestigious hospital center, in order to promote the assimilation of skills with real utility.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of completing the practices of this Internship in centers renowned worldwide. 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 could offer to their students.

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

03 Objectives

This degree allow the student to acquire the required skills to update in the profession after delve in the key aspects of Language teaching. Therefore, the nurse will acquire the most advanced techniques and procedures in this field to help them grow in this field and adapt to its current requirements.





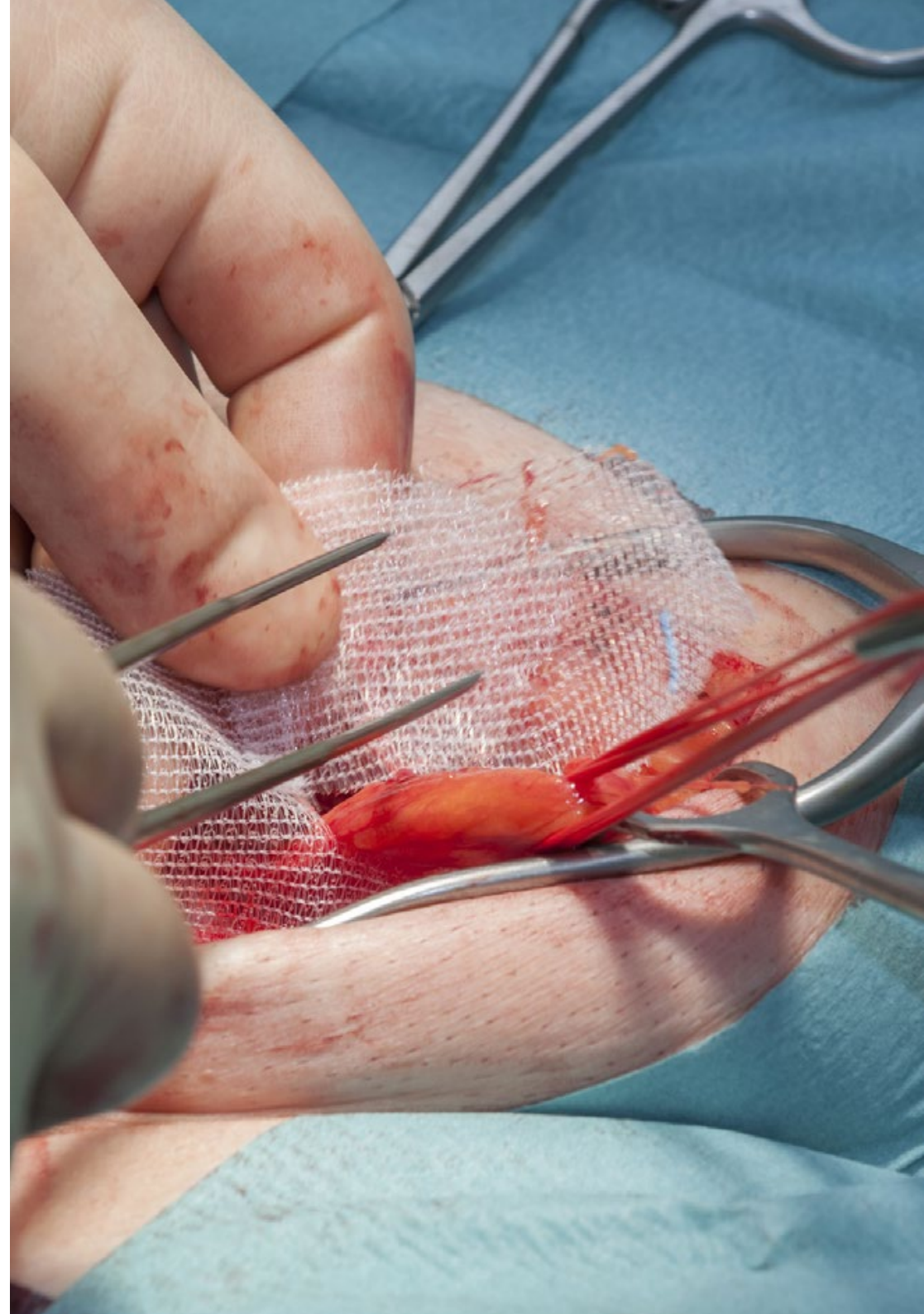
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This program gives you the opportunity to update your knowledge in a real scenario, with the maximum scientific rigor of an institution at the forefront of technology”



General Objective

- The general objective of The Hybrid Professional Master's Degree in Program in Advanced Operating Room Nursing is to ensure that the professional updates the therapeutic procedures of the specialty in exclusively practical and practical way, through and a hospital internship designed with clinical and educational rigor, under the guidance of renowned professionals in a hospital center of the highest scientific quality and technological innovation





Specific Objectives

Module 1. Perioperative Surgical Process

- ♦ Explain and define the perioperative surgical process, and its three component stages
- ♦ Define the competencies and skills of the surgical nurse, internalising 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
- ♦ Learn about the different roles of the operating theatre circulator and the scrub nurse in the operating theatre
- ♦ Be prepared to collaborate with the rest of the surgical team in the correct management of potential complications
- ♦ Learn to collaborate with the rest of the team in the transfer and positioning of the patient, ensuring their comfort and safety at all times

- ♦ Know how to communicate the necessary information about the patient to the nursing professional who will provide the follow-up care
- ♦ Prepare the patient for discharge when the required care can be provided outside of the hospital
- ♦ Acquire the necessary knowledge for each surgery about the anatomy of the area to be operated on, the necessary equipment, supplies and instruments, and the required anesthesia and positioning
- ♦ Describe the specific training of the nursing professional in the different surgical specialities

Module 2. Plastic Surgery

- ♦ Mastering microsurgery in free flap and reimplantation surgery
- ♦ Learn about breast reconstruction with prostheses, the student will be able to explain the proper handling of the different types of breast implants
- ♦ Explain the techniques of breast reduction, controlling the weight of the tissue removed during the operation
- ♦ Master the different lipofilling techniques required in each case
- ♦ Apply knowledge of osteosynthesis for limb reimplantation procedures
- ♦ Explain burn patient interventions and practice specific debridement and grafting techniques (both skin and synthetic)
- ♦ Evaluate the psychological state of the patients with gender identity problems learn tools to alleviate stress in surgery related to this and

Module 3. Orthopaedic Surgery and Traumatology

- ♦ Explain the proper handling and positioning of the different devices, basic and specific instruments and describe the surgical technique in arthroscopy
- ♦ Identify cemented and cementless arthroplasties and describe the number of components of each type of prosthesis, as well as the surgical technique to be followed in these cases
- ♦ Integrate knowledge of osteosynthesis for fracture interventions and deformity correction
- ♦ Implement measures to reduce the risk of bleeding and the risk of periprosthetic fracture in arthroplasty replacement procedures
- ♦ Explain the surgical cementation procedure and the role of the nurse during the procedure
- ♦ Proper handling of washing systems and spacer placement in cases of infection
- ♦ Assess the importance of checking implant stock prior to surgery
- ♦ Explain the importance of the process of bone donation to the bone bank and the reception of bone donations in patients who require surgery
- ♦ Assess the psychological state of patients and develop relational tools to help alleviate the stress involved in the surgical process.}

Module 4. Neurosurgery

- ♦ Identify hospitals that have a neurosurgery service
- ♦ List the units collaborating with the neurosurgery service
- ♦ Explain the usual protocols in each department
- ♦ Providing the necessary material for each surgical intervention
- ♦ Summarise neurological anatomo-physiology
- ♦ Justifying the need for certain types of drugs in a neurosurgical operating theatre
- ♦ Identify the pathologies that can be treated in the neurosurgical operating theatre
- ♦ Differentiate between programmed and urgent pathologies

- ♦ Determine the human and material resources needed to assist each surgery
- ♦ Define the surgical position of each intervention
- ♦ Describe the surgical technique of each operation
- ♦ Generate the intraoperative nursing care document and prepare the patient for admission to the ward
- ♦ Develop a care plan using the intraoperative NANDA-NIC-NOC nomenclature

Module 5. Cardiac Surgery

- ♦ Acquire the necessary skills to handle heart valve implants (whether mechanical, biological or rings)
- ♦ Explain the role of microsurgery nurses in performing aorto-coronary bypass surgery and the management of autologous vascular grafts required for this surgery
- ♦ Differentiate between the different types of implants that can be used in aortic surgery and the care they require
- ♦ Master the procedures for intervening in emergencies where the patient's life is at great risk be able to act with temperance and control, having all the necessary equipment for these cases at hand beforehand
- ♦ Master the procedures of total or partial surgical resection of the pericardium, including the technique of placing thoracic drains
- ♦ Control the use of leads and generators used in pacemaker or ICD implantation/removal
- ♦ Explain the intraoperative and postoperative management of balloon counterpulsation and ventricular assist monitors, devices and systems
- ♦ Describe the competencies of the perfusionist nurse, and to acquire a basic understanding of the function of the heart-lung machine, which is essential for most heart operations
- ♦ Explain the surgical process of coronary and valve surgeries, as well as pacemaker and/or automatic implantable defibrillator implantations and other surgeries (e.g. short-, medium- and long-term re-interventions), as well as the surgical technique to be followed

Module 6. General Surgery

- ♦ List the units collaborating with the thoracic surgery service
- ♦ Explain the usual protocols in each department
- ♦ Providing the necessary material for each surgical intervention
- ♦ Summarise the anatomo-physiology of the respiratory apparatus
- ♦ Justify the need for certain types of medicines inside a thoracic surgery operating theatre
- ♦ Identify the pathologies susceptible to be treated in the thoracic surgery operating theatre
- ♦ Differentiate between programmed and urgent pathologies
- ♦ Explain the proper handling and positioning of the different equipment, basic and specific instruments and describe the surgical techniques
- ♦ Identify chemical pleurodesis from mechanical pleurodesis, as well as the surgical technique to be followed
- ♦ Assess the psychological state of patients and develop relational tools to help alleviate the stress involved in the surgical process.}
- ♦ Identify hospitals that have a thoracic surgery department
- ♦ Determine the human and material resources needed to assist each surgery
- ♦ Define the surgical position of each intervention
- ♦ Integrate anatomical knowledge to describe the surgical technique for each intervention
- ♦ Generate the intraoperative nursing care document and prepare the patient for admission to the ward
- ♦ Develop a care plan using the intraoperative NANDA-NIC-NOC nomenclature

Module 7. Ophthalmology

- ♦ Differentiate the types of specific anaesthesia for ophthalmology: intracameral, topical, and retrobulbar according to the indication of each surgery
- ♦ Up-to-date the handling of phacoemulsification and vitrectomy equipment and the preparation of the kits of consumables and irrigation serotherapy required for each type of surgery, in cataract and vitrectomy surgeries
- ♦ Identify the types of eyeglass lenses that exist, indicated for each patient according to their pathology
- ♦ Determine the use and preparation of binocular helmet, Honan Balloon and manometer, intraocular gases, as well as electrical and mechanical devices such as laser, diathermy, cold generator and motor to guarantee optimal conditions for the surgeries in which they are required
- ♦ Prepare the microscope and know how it works for each type of surgery
- ♦ Explain the techniques of nasal endoscopy, preparation of nasal packing or ocular occlusion in case of bleeding in dacryocystorhinostomy surgeries
- ♦ Know the indications of the indicated drugs, and know how to prepare the required e instrumental material to perform intravitreal injections
- ♦ Identify the most frequently used drugs during ophthalmology surgery
- ♦ Master the making of the occlusion dressing

Module 8. Gynaecological and Obstetric Surgery

- ♦ Acquire the necessary knowledge to perform laparoscopic surgery in gynecology, and learn the particularities of the interventions performed by this technique
- ♦ Up-to-date procedures for handling samples/pieces removed for subsequent analysis in pathological anatomy
- ♦ Assess the importance of prompt action in the event of ectopic pregnancy and life-saving emergency intervention

- ♦ Control instruments and material in contact with the tumour so as not to spread it to adjacent areas in laparotomy operations
- ♦ Take special care in vaginal surgeries of gauze counting, and control of implanted meshes in pelvic floor repair
- ♦ Know the particularities of the different breast surgeries, especially the handling of implants in breast reconstruction, and the control of sentinel lymph node biopsy
- ♦ Knowing how to collaborate with the rest of the team in both scheduled and emergency caesarean sections, acquiring the necessary skills to do so

Module 9. Vascular Surgery

- ♦ Describe the handling of the different mechanical suture systems for anastomosis
- ♦ Distinguish the material and instruments to organise the preparation of laparoscopic or open surgery
- ♦ React in situations of change of surgical plan (laparoscopic to open surgery) if there are potential complications
- ♦ Explain the operation of the different types of vessel sealing and cutting forceps required for different surgeries, whether open or laparoscopic
- ♦ Explain the placement and handling of equipment and instruments (gas insufflator, camera, cold light source, screens...) in laparoscopic surgery
- ♦ Identify the different types of meshes for hernia repair
- ♦ Addressing the management of the THD system for haemorrhoids
- ♦ Describe the use of radio frequency techniques to eliminate small tumors
- ♦ Describe the handling of the probe indicating radioactivity in sentinel lymph node biopsy surgeries
- ♦ In emergency situations, prepare haemostasis material and instruments (different haemostatics, clamps, etc.), taking into account the possibility of encountering different types of bleeding
- ♦ Identify the risk of deep vein thrombosis in long-term surgeries and be able to apply pneumatic compression stockings to the patient

Module 10. Urology

- ♦ Prepare and collaborate in any of the surgeries performed via transurethral route, whether diagnostic, curative or catheter placement/removal
- ♦ Describe laparoscopic surgery in urology, and learn the particularities of the interventions performed by this technique
- ♦ Prevent and control potential complications in nephrectomy such as injury to a digestive organ or major blood vessel)
- ♦ Learn how to collaborate with the rest of the team in kidney implantation
- ♦ Master the technique of the nephrostomy procedure, as well as its subsequent care and maintenance

Module 11. Maxillofacial

- ♦ Explain the proper handling and positioning of the different devices, basic and specific instruments, and to know the surgical technique in arthroscopies of the temporomandibular joint
- ♦ Integrate knowledge of osteosynthesis and osteotomies to instrument according to the surgical technique of the material to be implanted (miniplates, microplates, simple or preformed meshes, self-tapping and/or self-drilling screws), in facial and maxillary fracture interventions and in orthognathic surgery
- ♦ Update microsurgical procedures in maxillofacial reconstruction operations with free flaps
- ♦ Master the Coleman lipofilling and PRP (platelet-rich plasma) techniques for repair of facial defects required in each case
- ♦ Become familiar with the different types of tracheostomy cannulae of different calibres and to acquire the necessary skills to cooperate in tracheostomy operations, which is a complicated surgery involving many anatomical structures
- ♦ In surgeries of facial lesions, parotid and tongue, the student will know how to process intraoperative samples to analyze very common pathologies of the anatomy in most of these interventions
- ♦ Identify the different modalities of cartilage grafts and skin coverage in order to be able to cooperate in rhinoplasty procedures

Module 12. Otorhinolaryngology

- ♦ Processing of intraoperative specimens, which are very frequent in most neck surgeries
- ♦ Cooperate in laryngectomy and subsequent tracheotomy, which is a complicated surgery involving many anatomical structures
- ♦ Identify the different types of tracheostomy cannulas and learn how to prepare them prior to placement
- ♦ Participate in any of the interventions affecting the vocal cords and help the patient with psychological support as post-surgical speech is compromised
- ♦ Learn the importance of bleeding control in pharyngeal surgeries
- ♦ Control all the material and equipment necessary to carry out endoscopic nasosinus surgery (CENS), minimally invasive surgical approach, as well as other nasal surgeries
- ♦ Master the very specific instruments used in ear surgery, implants, and the use of the microscope

Module 13. Thoracic surgery

- ♦ List the units collaborating with the thoracic surgery service
- ♦ Explain the usual protocols in each department
- ♦ Providing the necessary material for each surgical intervention
- ♦ Summarise the anatomo-physiology of the respiratory apparatus
- ♦ Justify the need for certain types of medicines inside a thoracic surgery operating theatre
- ♦ Identify the pathologies susceptible to be treated in the thoracic surgery operating theatre
- ♦ Differentiate between programmed and urgent pathologies
- ♦ Explain the proper handling and positioning of the different equipment, basic and specific instruments and describe the surgical techniques
- ♦ Identify chemical pleurodesis from mechanical pleurodesis, as well as the surgical technique to be followed
- ♦ Assess the psychological state of patients and develop relational tools to help alleviate the stress involved in the surgical process

- ♦ Identify hospitals that have a thoracic surgery department
- ♦ Determine the human and material resources needed to assist each surgery
- ♦ Define the surgical position of each intervention
- ♦ Integrate anatomical knowledge to describe the surgical technique for each intervention
- ♦ Generate the intraoperative nursing care document and prepare the patient for admission to the ward
- ♦ Develop a care plan using the intraoperative NANDA-NIC-NOC nomenclature



This Certificate will generate a sense of security in the performance of nursing care, which will help you grow both personally and professionally”

04 Skills

After passing the assessments on the Hybrid Professional Master's Degree in Advanced Operating Room Nursing Analysis the nursing professional will have acquired the professional skills required for quality nursing care, and updated based on the latest scientific evidence.





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Through this program you will be able to update your knowledge of surgical nursing care and you will be able to provide quality care to critical patients, based on the latest scientific evidence"



General Skills

- 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

“

You will master, thanks to this degree, the most up-to-date pre-operative nursing procedures required”





Specific Skills

- ◆ Apply and define the perioperative surgical process, and its three component stages
- ◆ Control or minimise the patient's level of anxiety, typical in these situations, as well as pain if present
- ◆ Learn how to properly take care of the patient/family whether on the ward, in the operating room or in resuscitation
- ◆ Master 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
- ◆ collaborate with the rest of the team in the transfer and positioning of the patient, ensuring their comfort and safety at all times
- ◆ Prepare the patient for discharge when the required care can be provided outside of the hospital
- ◆ Acquire the necessary knowledge for each surgery about the anatomy of the area to be operated on, the necessary equipment, supplies and instruments, and the required anesthesia and positioning

05

Course Management

As part of TECH's commitment to preserving the excellent academic quality of its degrees, this Hybrid Professional Master's Degree has a teaching staff made up of professionals with extensive experience in the field of surgical nursing. These experts are in charge of the elaboration of the teaching materials to which the students will have access during the duration of this program. Therefore, all the contents provided will be applicable to your work routine.





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This Hybrid Professional Master's Degree has a teaching staff made up of experts in surgical nursing, who will provide students with the most up-to-date knowledge in this field"

Management



Ms. Guzmán Almagro, María Isabel

- ♦ Professional Nurse Specialist in Comprehensive Nursing Care in Critical and Emergency Situations in Adults
- ♦ Surgical Block Nurse at the Paz University Hospital
- ♦ Master in Social Gerontology: Longevity, Health and Quality, University of Jaén
- ♦ University Expert in Accidents and Emergencies from the Complutense University of Madrid
- ♦ University Expert in Digital Teaching in Nursing by CEU Cardenal Herrera University
- ♦ Diploma in Nursing from the University of Jaén
- ♦ Coordinator of several nursing programs in Spain
- ♦ Invited to the XII National Congress of Surgical Nursing at the Hospital Universitario La Paz



Ms. Bárzano Saiz, María Estela

- ♦ Operating Room Nurse at La Paz Hospital, Madrid
- ♦ Staff Nurse in Medical-Surgical Specialties and Palliative Care, Hospital Universitario Gregorio Marañón
- ♦ Unit of Intensive Care, Gregorio Marañón University Hospital
- ♦ Nurse of consultation and clinical analysis, Centro Médico Gran Vía, Madrid
- ♦ Physiotherapist, FREMAP. General Ricardos Health Care Center. Madrid
- ♦ Physiotherapist, personalized physiotherapy treatments in consultation and collective cases. EQUILIBRIUM SPA WELLNESS MIRASIERRA. Madrid
- ♦ University Diploma in Nursing, Pontificia University of Salamanca
- ♦ Primary Care Nurse at Salamanca Health Center)
- ♦ Academic Director, Universidad San Pablo CEU de Alicante



Ms. Alba López, Alicia

- ♦ Associate nurse at La Paz University Hospital
- ♦ Postgraduate Certificate in Nursing
- ♦ Operating room nurse in the medical selections of the La Paz University Hospital: orthopedic surgery, trauma surgery, plastic and general surgery

Professors

Ms. Valero Calvo, Jara

- ♦ Nurse Ophthalmology Operating Room in the specialties at La Paz University Hospital
- ♦ University Expert Degree in Advanced Applied Nursing Care from the University of León
- ♦ Nurse research collaborator for the Fundación Biomédica del Hospital General: Universitario Gregorio Marañón in the project: Effectiveness of an early intervention in the diagnosis and treatment of hyponatraemia for the prevention of falls in hospitalised patients from February 2015 to February 2016
- ♦ Publication of the Research Project: "The experience of the school child after burns published by the INVESTEN Committee at the International Meeting on Research in Care

Ms. Palomares García, Vanesa

- ♦ Nurse Expert in Hospital Emergencies
- ♦ Emergency Nurse in the Aragonese Health Service
- ♦ Nurse in Surgical Plants for the Aragonese Health Service
- ♦ Nurse in Oncologic Plants for the Aragonese Health Service
- ♦ Emergency Nurse in the Aragonese Health Service
- ♦ Nurse at the Sanitas Private Center
- ♦ Nursing Assistant at the Neuropsychiatric Hospital del Carmen
- ♦ Master's Degree in Health Natural Disasters and from Camilo José Cela University
- ♦ Degree in Nursing, San Jorge University

Ms. Valverde Girón, Laura

- ♦ Surgical nurse Specialist in Orthopedic Surgery and Traumatology
- ♦ Operating room nurse in orthopedic and trauma surgery and plastic surgery since at University Hospital "La Paz"
- ♦ Operating room nurse in orthopedic and trauma surgery and plastic surgery since at University Hospital "La Paz"
- ♦ Operating Theatre Nurse at Santa Cristina University Hospital. Madrid

Ms. Berrocal Antelo, Amaya

- ♦ Surgical area nurse in the operating theatre of various specialities, 12 de Octubre Hospital
- ♦ Instrumentalist, Neurosurgery team, Hospital la Zarzuela
- ♦ Surgical area nurse in the operating theatre of various specialties and CMA, Hospital la Zarzuela
- ♦ Diploma in Nursing at the EUE and Physiotherapy San Juan de Dios, in the teaching unit of San Rafael, Comillas
- ♦ Higher Level Training Cycle. Higher Technician in Dietetics and Nutrition

Ms. Valero Villar, Ana María

- ♦ Specialist in Traumatology and Plastic Surgery at the Gregorio Marañón General University Hospital
- ♦ Nurse in Traumatology and Orthopedics at the University Hospital La Paz. Madrid
- ♦ Advanced Surgical Nurse Practitioner
- ♦ Postgraduate Diploma in Surgical Nursing, Anesthesia, and Resuscitation from the School of Health
- ♦ University Expert in Health Promotion in The Community by the National Distance Education University (UNED)

Ms. Carrero Villareal, Mercedes

- ♦ Surgical and Postoperative Care Nurse Practitioner
- ♦ Nurse in the General Surgery and Traumatology Unit at university de Ciudad Real. Hospital
- ♦ Traumatology Nursing Service at the Perpetuo Socorro University Hospital
- ♦ Nurse in the areas of Traumatology, Emergency Gynecology, General Surgery, Urology and Otolaryngology at the Hospital Infanta Sofia. San Sebastián de los Reyes, Spain
- ♦ Nurse in the Surgical Sector of the Plastic Surgery and Cardiothoracic Surgery Areas at the Hospital Universitario de La Paz
- ♦ an instrumentalist in traumatology at the Hospital Nuestra Señora del Rosario
- ♦ Speaker at the 43rd Congress of the Spanish Nursing Association in Cardiology (AEEC). Clinical Cases

Ms. Gonzalez San José, Raquel

- ♦ Attending Nurse at La Paz University Hospital
- ♦ Specialist in General Surgery at La Paz University Hospital
- ♦ Advanced Surgical Nurse Practitioner

Ms. Rubio Martín, MARÍA Eugenia

- ♦ Nurse of Urology at La Paz University Hospital
- ♦ Nurse of Urology at Infanta Sofia University Hospital Madrid, Spain
- ♦ Tutor of internship students at EU, UCM
- ♦ Expert course in the operating theatre

**Ms. Teresa Lora, Ana Isabel**

- ◆ Nurse Specialist in the Operating Room at the School of Health Sciences
- ◆ Nurse of Urology at Infanta Sofía University Hospital
- ◆ Nurse of Urology at Infanta Sofía University Hospital
- ◆ Tutor of internships in the operating room at Universidad Complutense de Madrid and U. Europea

Ms. Albellán Cuadrado, Miryam

- ◆ Nurse at La Paz University Hospital, Madrid, Spain
- ◆ Nurse accredited by the General Direction of Research, Teaching and Documentation and Documentation. Department of Health. Community of Madrid
- ◆ Diploma in Nursing from the Autonomous University of Madrid
- ◆ Co-author of the book: Advanced Operating Room Nursing by Editorial TECH Education, Rights & Technologies, S.L

Ms. Malpartida Méndez, Alba

- ◆ Pediatric Surgical Nurse Expert
- ◆ Surgical Nurse at Quirónsalud Hospital Group
- ◆ Nurse at the 12 de Octubre University Hospital
- ◆ Graduate in Nursing

Ms. López Quesada, Teresa

- ◆ Nurses Deputy at the University Hospital La Paz
- ◆ Supervisor of the Surgical and Traumatology Hospitalization Units at the Hospital Universitario La Paz
- ◆ Specialist in Anesthesiology Surgery at La Paz University Hospital

Ms. García Enciso, Carmen

- ♦ Nurse in the Traumatology Unit at the La Paz University Hospital. Madrid Spain
- ♦ Nurse in the Rehabilitation and Trauma Resuscitation Units
- ♦ Diploma in Nursing from the Alfonso X el Sabio University
- ♦ Expert in Advanced Nursing Care

Ms. Vitini Manso, Rosalía

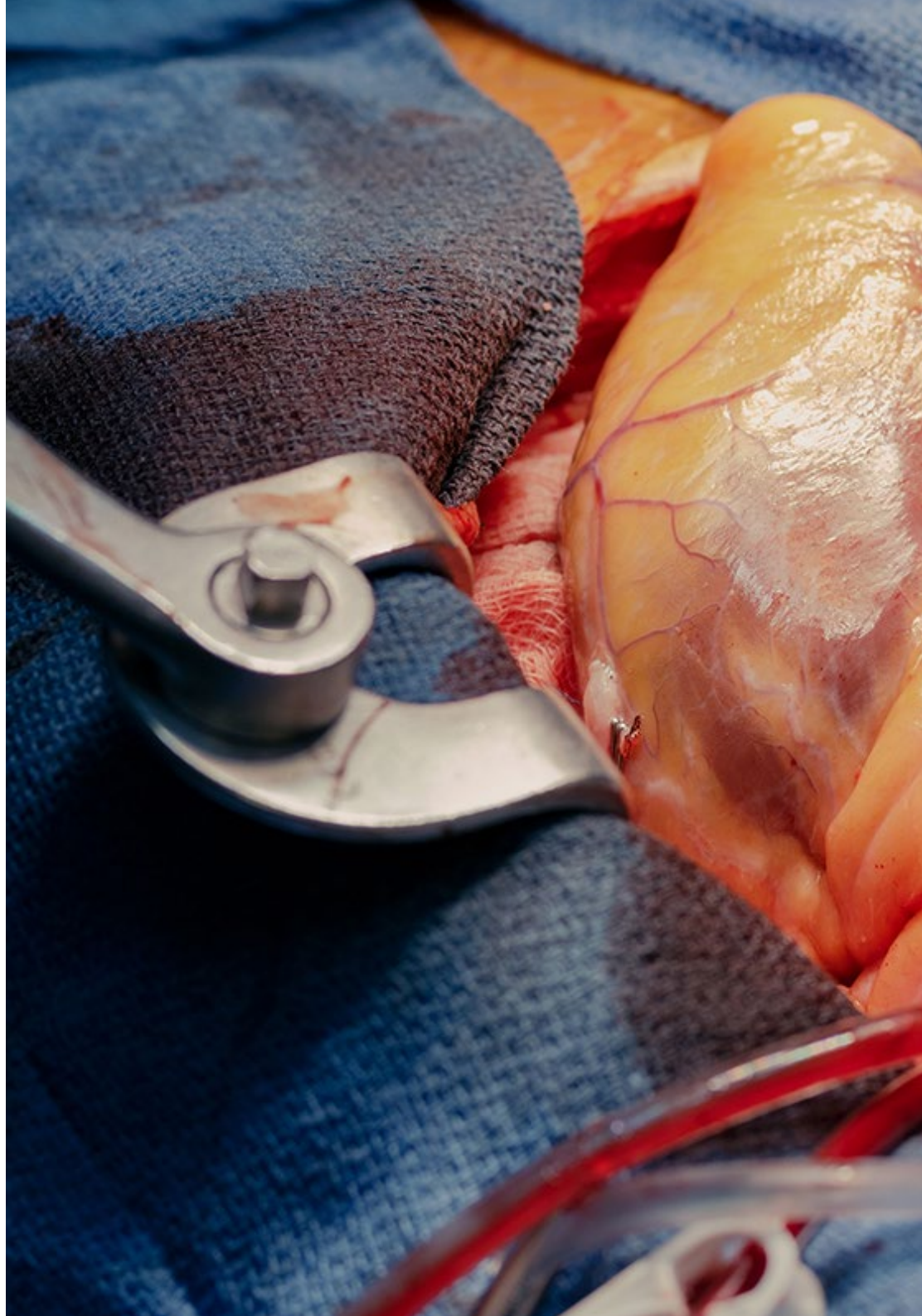
- ♦ Operating room nurse in Gynecology and Obstetrics at La Paz University Hospital

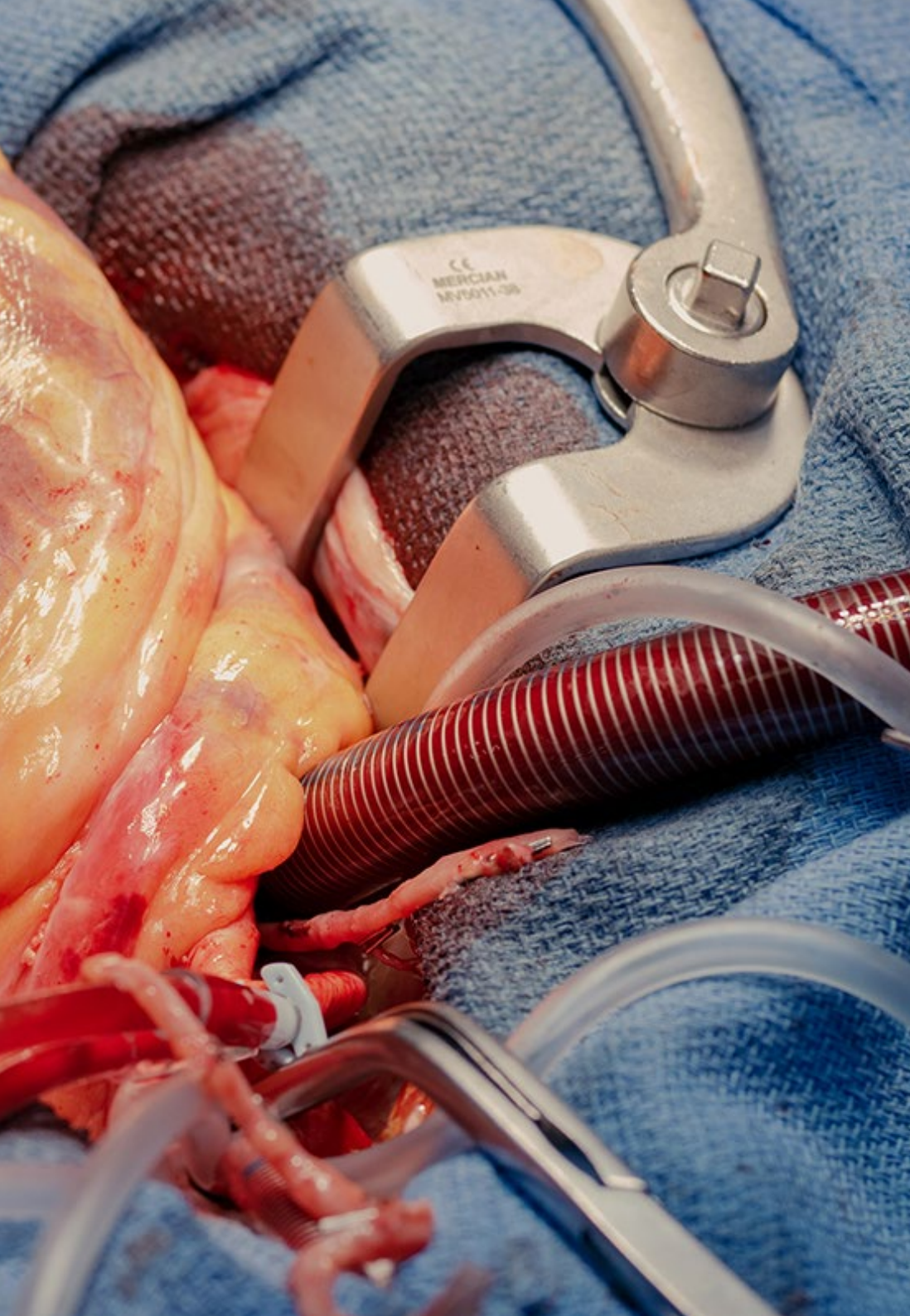
Ms. Colomar Marroig, Aina

- ♦ Operating room nurse in Gynecology and Obstetrics at La Paz University Hospital

Ms. Jiménez Ramos, Irene

- ♦ Surgical Nurse in Gynecological and Obstetric Surgery, and in operating rooms of General Surgery at the La Paz University Hospital
- ♦ Operating room pool of all surgical specialties at Ramón y Cajal University Hospital
- ♦ External collaboration as author and coordinator of opposition summaries for Grupo Paradigma
- ♦ Author of the scientific article Nursing care processes for a premature newborn in the neonatal intermediate care unit in the Electronic Journal of Medical Portals





“

These teachers are responsible for developing the didactic content that you will study during this degree, characterized by its novelty and its excellent applicability in the work environment"

06

Educational Plan

The syllabus of this Hybrid Professional Master's Degree is made up of 13 modules through which the student will significantly increase their knowledge in the area of Advanced Operating Room Nursing. Likewise, the teaching materials that you will access during the duration of this degree are present in a wide range of textual and interactive formats. With this, the objective of TECH is to enable learning adapted to the personal and professional needs of each student.



“

A academic program that will turn your effort into success, thanks to an online system that gives you the possibility of adapting your study schedules to your personal and professional needs”

Module 1. Perioperative Surgical Process

- 1.1. Definition Perioperative Surgical Process
- 1.2. Pre-Surgery Surgical Process
- 1.3. Intraoperative Surgical Process
- 1.4. Post-Surgery Surgical Process

Module 2. Plastic Surgery

- 2.1. Breast Surgery
- 2.2. Liposuction and Autologous Fat Filling/Lipofilling
- 2.3. Free Flaps for Loss of Substance in MMII
- 2.4. Burns
- 2.5. Plastias
- 2.6. Limb Reimplantation and Limb Transplantation
- 2.7. Gender Identity Disorder

Module 3. Orthopaedic Surgery and Traumatology

- 3.1. Particularities in TOC
- 3.2. MMSS Primary Prosthesis and Surgical Cementation
- 3.3. Primary Prosthesis MMII
- 3.4. Replacement of Primary Prostheses, Surgical Washing and Spacers
- 3.5. Osteosynthesis 1: Consolidation, Reduction and Stability
- 3.6. Osteosynthesis 2: Fracture Fixation
- 3.7. Peri-implant Osteosynthesis, EMO and O-ARM®
- 3.8. Osteosynthesis in the Axial Skeleton
- 3.9. Exploratory Arthroscopy and Repair of Tendon Structures
- 3.10. Tumour and Experimental Surgery

Module 4. Neurosurgery

- 4.1. Particularities in Neurosurgery
- 4.2. Anatomophysiology and Pathologies to Be Treated
- 4.3. Cranium
- 4.4. Spine
- 4.5. Peripheral Nerves
- 4.6. Functional Neurosurgery



Module 5. Cardiac Surgery

- 5.1. Particularities in Cardiac Surgery
- 5.2. Anatomophysiology
- 5.3. Valve Surgeries
- 5.4. Coronary Surgeries
- 5.5. Reconstructive Surgeries for Heart Rhythm Disturbances
- 5.6. Surgeries in Adults with Congenital Heart Disease
- 5.7. Other Surgeries
- 5.8. Emergency Interventions
- 5.9. Management of balloon pump, ventricular assistance and ECMO cardiogenic shock
- 5.10. Heart-Lung Machine

Module 6. General Surgery

- 6.1. Surgeries Performed by Laparotomy
- 6.2. Surgeries Performed by Laparoscopy
- 6.3. Proctological Surgery
- 6.4. Breast Surgery
- 6.5. Endocrine Surgery
- 6.6. HIPEC: Hyperthermic Intraperitoneal Chemotherapy (comprehensive surgery for peritoneal carcinomatosis with hyperthermic chemotherapy)

Module 7. Ophthalmology

- 7.1. Particularities in Ophthalmology
- 7.2. Cataracts
- 7.3. Retinal Pathology
- 7.4. Corneal Pathology
- 7.5. Oculoplasties
- 7.6. Trabeculectomy for Glaucoma

Module 8. Gynaecological and Obstetric Surgery

- 8.1. Gynaecological Operations Performed by Laparoscopically
- 8.2. Interventions Performed by Laparotomy
- 8.3. Interventions Performed Vaginally
- 8.4. Interventions Performed on the Breast
- 8.5. Pregnant Woman
- 8.6. Fetal Surgery

Module 9. Vascular Surgery

- 9.1. Carotid Endarterectomy
- 9.2. Bypass (with prosthesis, with vein or In Situ)
- 9.3. Thrombectomy/embolectomy for upper or lower limb ischemia
- 9.4. Arterio-Venous Fistula
- 9.5. Varicose Veins Insufficiency
- 9.6. Amputations and Repair of Vascular Anomalies
- 9.7. Arterial Angioplasties (with or without vascular stenting)
- 9.8. Vascular Endoprosthesis (thoracic aorta/abdominal aorta)

Module 10. Urology

- 10.1. General, Urology and Laparoscopic Interventions
- 10.2. Transurethral Interventions
- 10.3. Interventions Performed by Laparotomy
- 10.4. Percutaneous and Other Interventions
- 10.5. Other Interventions

Module 11. Maxillofacial

- 11.1. Jaw
- 11.2. Reduction and Osteosynthesis of Maxillofacial Fractures
- 11.3. Facial
- 11.4. Oral
- 11.5. Surgical Approach to Maxillofacial Abscesses
- 11.6. Tracheostomy



Module 12. Otorhinolaryngology

- 12.1. Otolaryngological Surgery
- 12.2. Tracheal Surgery
- 12.3. Laryngeal Surgery
- 12.4. Pharyngeal Surgery
- 12.5. Nasal Surgery
- 12.6. Ear Surgery

Module 13. Thoracic surgery

- 13.1. Particularities in Thoracic Surgery
- 13.2. Respiratory System Anatomophysiology
- 13.3. Tracheal Surgeries
- 13.4. Lung Surgeries
- 13.5. Other Surgeries



This qualification gives you access to teaching resources in formats such as explanatory video or interactive summary to promote enjoyable and optimized teaching"



07

Clinical Internship

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.





“

TECH gives you the opportunity to put into practice everything you have learned through an in-person stay in a hospital of international prestige"

The Practical Training period of this Advanced Operating Room Nursing program is made up of a practical phase, lasting 3 weeks, from Monday to Friday with days of 8 consecutive hours led by an adjunct specialist. This stay will allow you to see working with real patients alongside a team of leading professionals in the area of Advanced Operating Room Nursing, applying the most innovative procedures and planning the latest generation therapy for each pathology.

In this training proposal, of a completely practical nature, the activities are aimed at the development and improvement of the skills necessary for the provision of health care in areas and conditions that require a high level of qualification, and that are aimed at specific training for the exercise of the activity, in a means of safety for the patient and high professional performance.

It is without a doubt an opportunity to learn by working in the innovative hospital of the future where real-time health monitoring of patients It is the center of the digital culture of its professionals.

Practical teaching will be carried out with the active participation of the student, carrying out 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 training partners that facilitate teamwork. and multidisciplinary integration as transversal competencies for the praxis of Advanced Operating Room Nursing (learning to be and learn 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:

Module	Practical Activity
Orthopedic and trauma surgery	Manage and carry out the placement of the different devices and basic instruments to undertake these surgeries
	Undertake various tasks related to the surgical cementation procedure
Cardiac Surgery	Apply nursing procedures required for heart valve implantation
	Manage the recording of information in the intraoperative nursing care document
	Prepare the patient for admission to the ward
General Surgery	Use the different mechanical suture systems for anastomosis
	Undertake appropriate nursing care to avoid the risk of thrombosis in long-term surgeries
Ophthalmology	Perform nursing procedures and care on the patient ophthalmic surgical
	Apply the types of specific anesthesia for each type of ophthalmological operation
Otorhinolaryngology	Prepare the tracheostomy tubes before placing them, as well as the rest of specific surgical material
	Prepare instrumental assistance procedures in surgery, using the microscope

Civil Liability Insurance

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

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

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



General Conditions of the Internship Program

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

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

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

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

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

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

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

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

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

08

Where Can I Do the Clinical Internship?

The nurse will be able to carry out the practical stay in a high-level health center with internationally recognized prestige. In this way, you will be able to update your knowledge with the help of reputed professionals who will teach you the latest advances in operating room nursing, all through an eminently practical approach and coming into contact with real patients.





“

Update your skills in Advanced Operating Room Nursing thanks to the in-person stay offered by this Practical Training”



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

Instituto IOM Clínica Otorrinolaringología en Madrid

Country	City
Spain	Madrid

Address: Calle Arturo Soria, 119, Entrada por Calle Manuel María Iglesias, 11, 28043 Madrid

Clinical care center specialized in otorhinolaryngological care

Related internship programs:

- Advanced Operating Room Nursing



Nursing

Hospital Mesa del Castillo

Country	City
Spain	Murcia

Address: Calle Ronda Sur, 20, 30010 Murcia

Privately managed healthcare center

Related internship programs:

- Advanced Operating Room Nursing
- Hospital Nursing



Nursing

Clínica Corachan Nord

Country	City
Spain	Barcelona

Address: C/ de les Tres Torres, 7 08017 Barcelona

Private clinic specializing in Internal Medicine, Pediatrics, Dermatology, Cardiology, Pneumology and Allergology

Related internship programs:

- Advanced Operating Room Nursing
- Trauma Emergencies



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

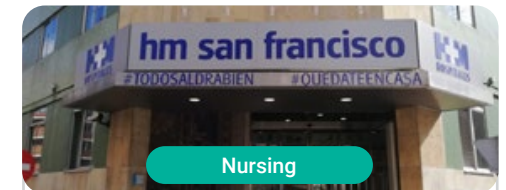
Country	City
Spain	La Coruña

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: Spain
City: 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: Spain
City: 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 Torrelodones

Country: Spain
City: Madrid

Address: 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



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

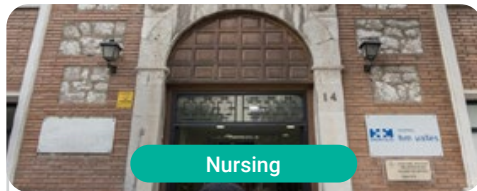
Country: Spain
City: Madrid

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	City
Spain	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	City
Spain	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



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

Sanatorio Central Banda

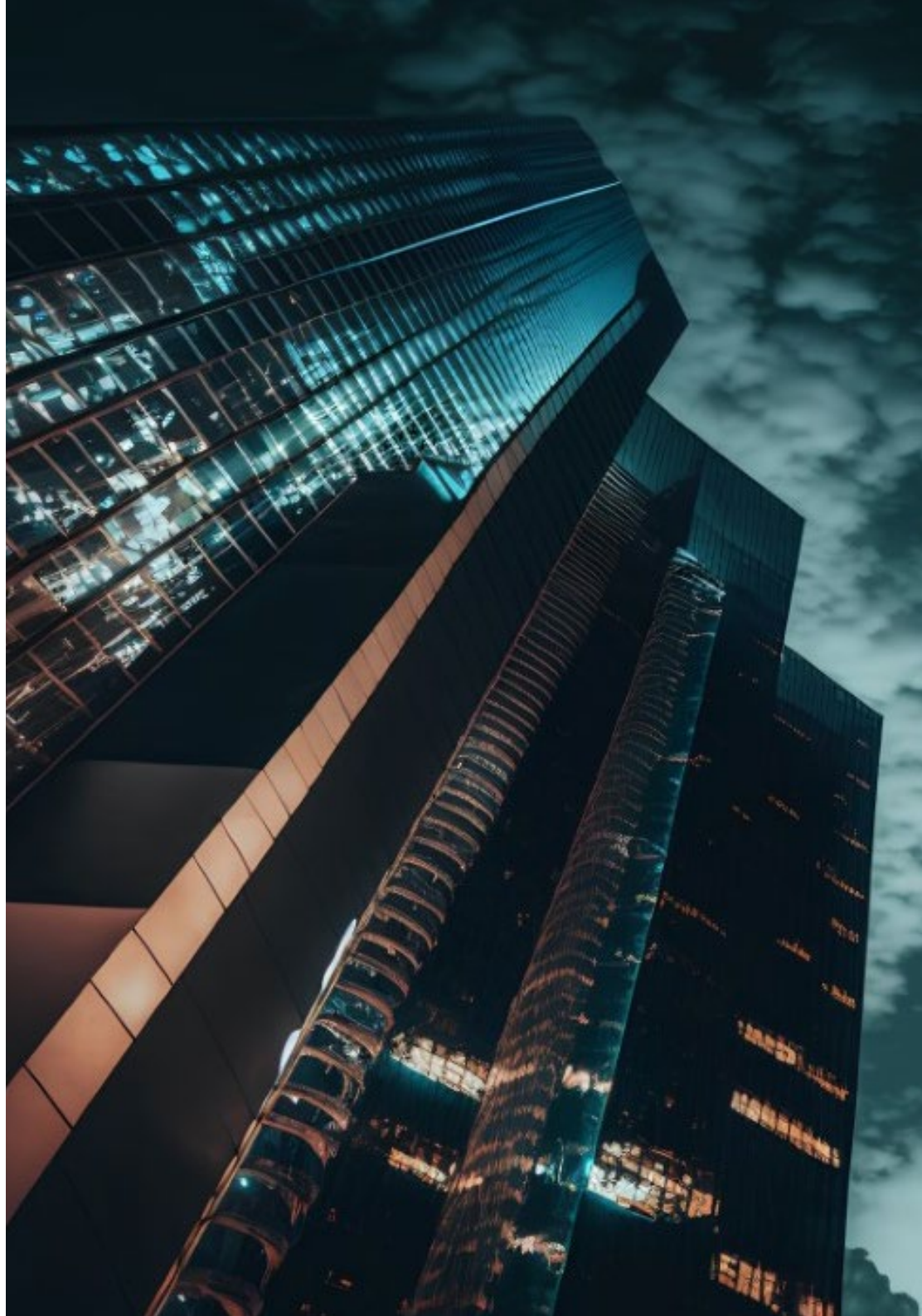
Country	City
Argentina	Santiago del Estero

Management:
Amadeo Jacques N° 175 4300,
La Banda , Santiago del Estero

Clinical center for comprehensive inpatient and surgical care

Related internship programs:

- Hepatology
- Primary Care Clinical Ultrasound





Nursing

Sanatorio Central

Country	City
Argentina	Tucumán

Management: Av. Mitre 268, T4000
San Miguel de Tucumán, Tucumán

Sanatorium of General Medicine,
hospitalization, diagnosis and treatment

Related internship programs:

- Advanced Operating Room Nursing
- Pediatric Nursing

09

Methodology

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

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





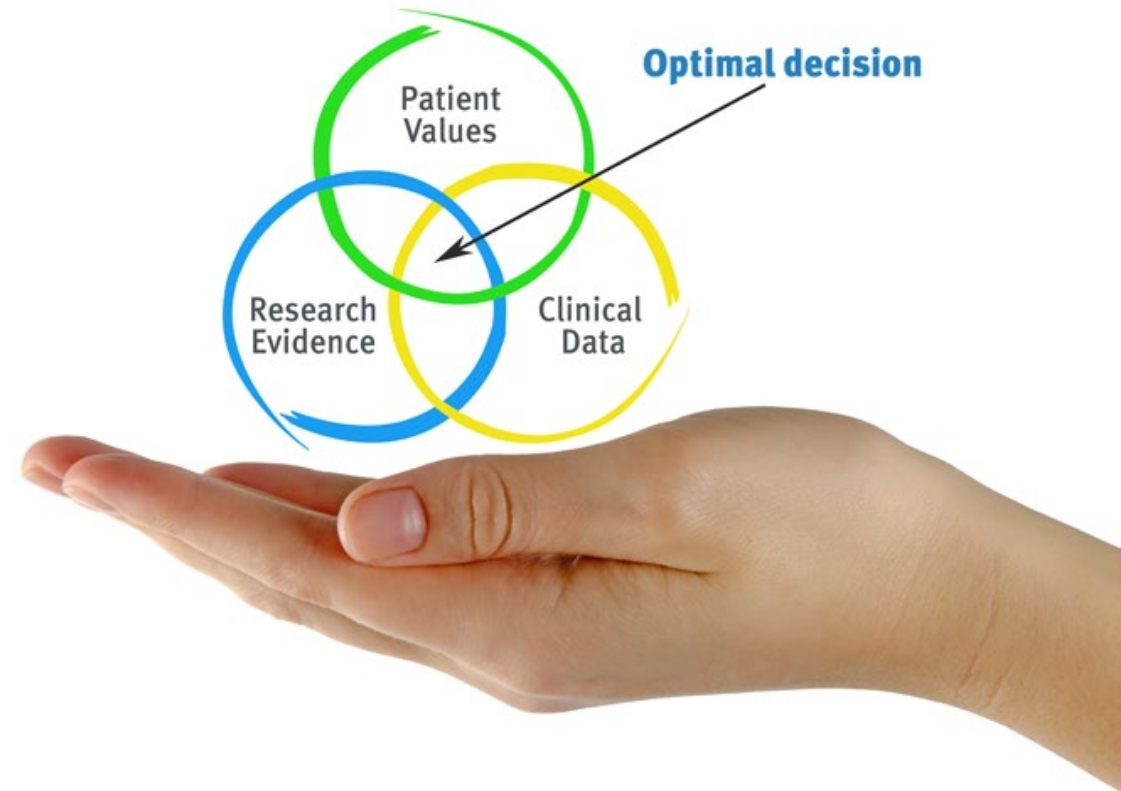
“

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

At TECH Nursing School we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Nurses learn better, faster, and more sustainably over time.

With TECH, nurses can experience a learning methodology that is shaking the foundations of traditional universities around the world.



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

“

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

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

1. Nurses who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.



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

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

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

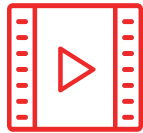
Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is really specific and precise.

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



Nursing Techniques and Procedures on Video

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



Interactive Summaries

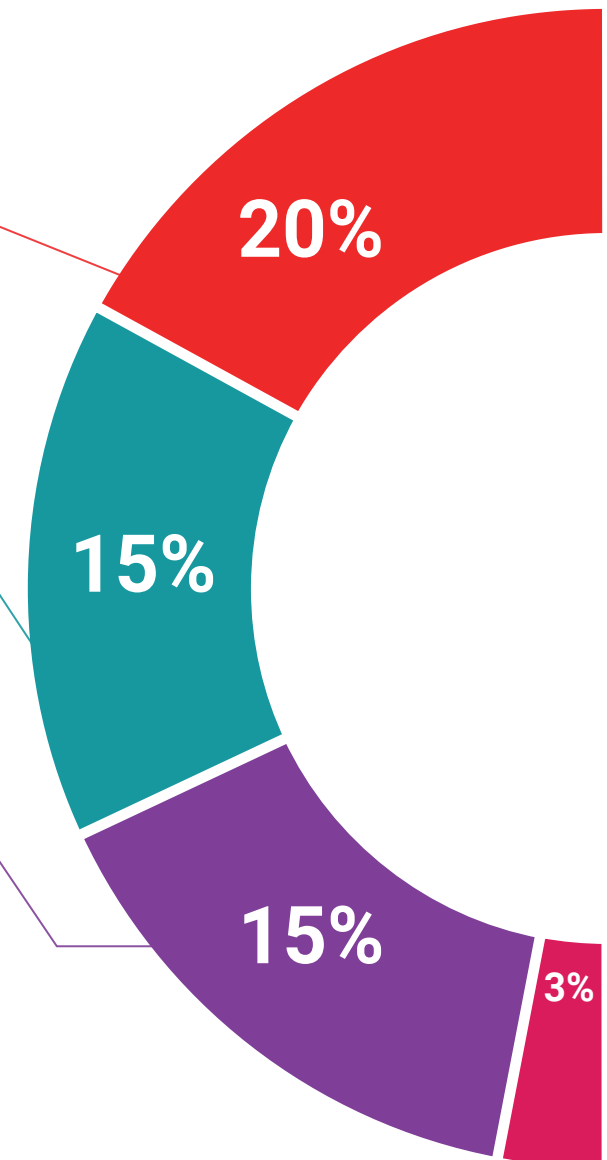
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

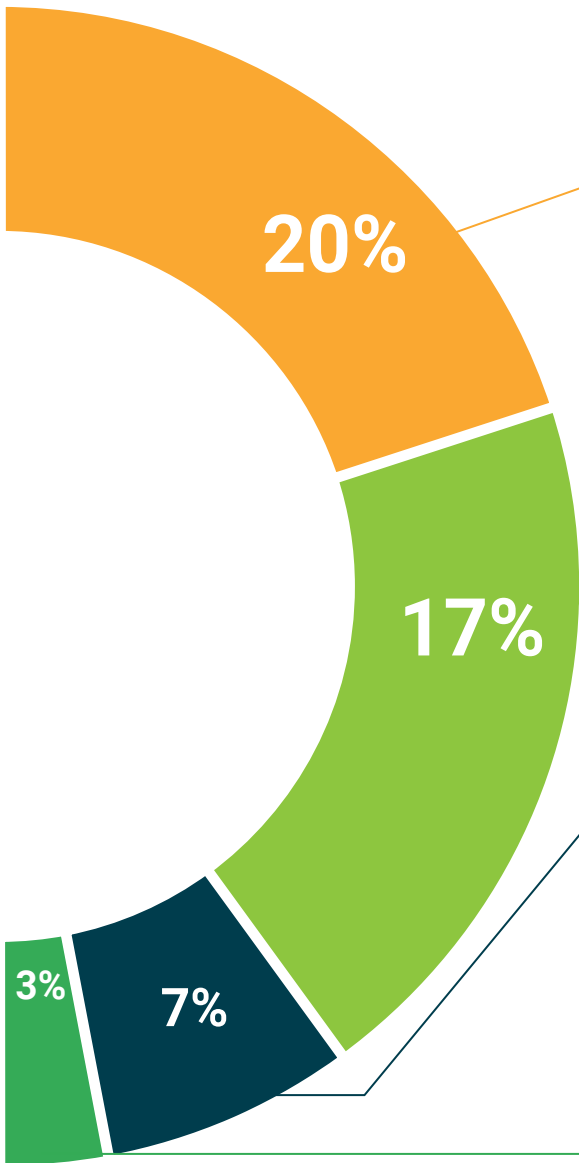
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





Expert-Led Case Studies and Case Analysis

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



Testing & Retesting

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



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

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



10 Certificate

The Hybrid Professional Master's Degree in Advanced Operating Room Nursing guarantees, in addition to the most rigorous and updated training, access to a Hybrid Professional Master's Degree issued by TECH Technological University.





“

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

This **Hybrid Professional Master's Degree in Advanced Operating Room Nursing** contains the most complete and up-to-date program on the professional and scientific field.

After the student has passed the assessments, they will receive their corresponding Hybrid Professional Master's Degree diploma issued by TECH Technological University via tracked delivery*.

In addition to the diploma, students will be able to obtain an academic transcript, as well as a certificate outlining the contents of the program. In order to do so, students should contact their academic advisor, who will provide them with all the necessary information.

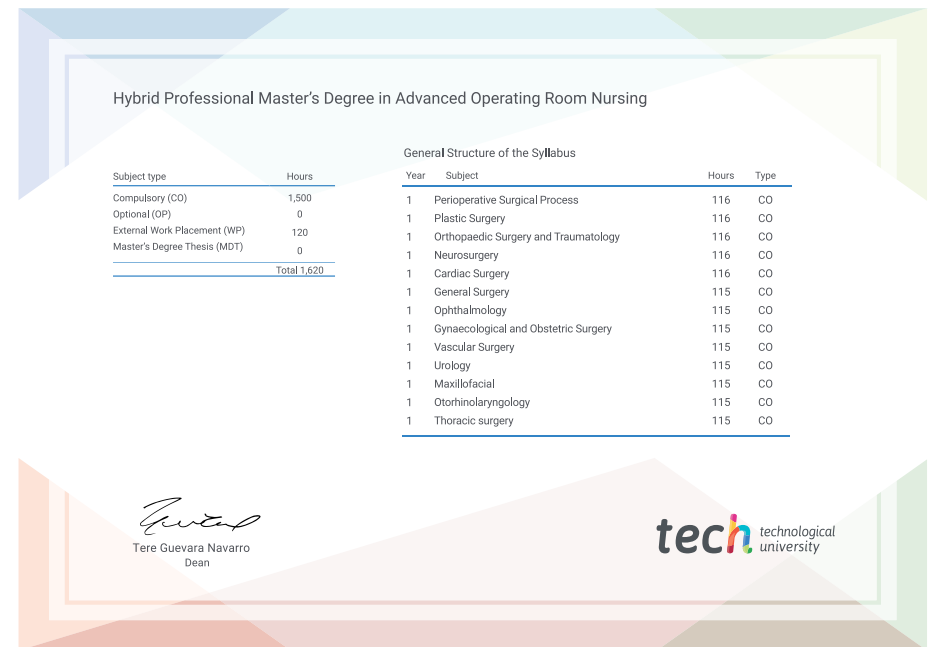
Title: **Hybrid Professional Master's Degree in Advanced Operating Room Nursing**

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

Duration: **12 months**

Certificate: **TECH Technological University**

Teaching Hours: **1,620 h.**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.



Hybrid Professional Master's Degree Advanced Operating Room Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h

Hybrid Professional Master's Degree Advanced Operating Room Nursing

