



# Postgraduate Diploma

# Plastic and Maxillofacial Surgery for Nursing

» Modality: online

» Duration: 6 months

» Certificate: TECH Global University

» Accreditation: 16 ECTS

» Schedule: at your own pace

» Exams: online

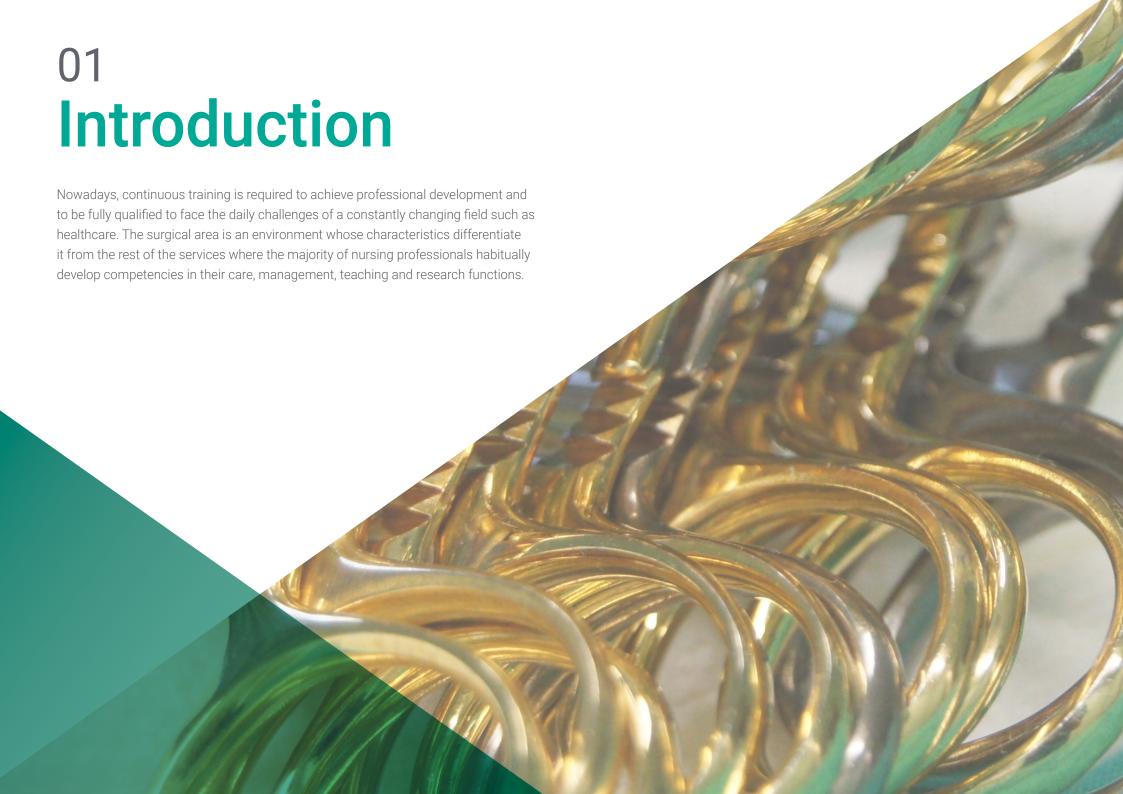
Website: www.techtitute.com/us/medicine/postgraduate-diploma/plastic-maxillofacial-surgery-nursing

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# tech 06 | Introduction

Each of the wide variety of surgical interventions that are performed requires a specific procedure, a specific technique and the exclusive surgical material for that intervention. All of them have in common a series of steps and rules that team members must know in detail, even more so in the recovery process and all that nursing covers for these types of procedures. Likewise, a field such as plastic and maxillofacial surgery, a growing sector, requires professionals with high skills and updated knowledge.

This Postgraduate Diploma contains the most complete and updated scientific program of the market, having as main objective the training in generic and specific competences in a surgical process and facilitates the updating of the professional in a practical way and adapted to their needs.

It also has a innovative educational method, which includes real clinical cases and exercises to bring the development of the program closer to the surgical practice, is based on Problem Based Learning, through which you will have to try to solve the different situations of professional practice that arise throughout the program.

The content is based on the latest scientific evidence and is organized in a didactic way to integrate theoretical knowledge into nursing practice. The theoretical-practical elements allow professionals to update their knowledge and help them to make the right decisions in patient care.

This **Postgraduate Diploma in Plastic and Maxillofacial Surgery for Nursing** contains the most complete and up-to-date scientific program on the market. The most important features include:

- Clinical cases presented by experts in the different specialties. The graphic, schematic, and practical contents with which they are created, provide scientific and healthcare training on those disciplines that are essential to professional practice
- Plastic and Maxillofacial Surgery for Nursing News
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- With special emphasis on evidence-based health and surgical nursing research methodologies
- 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



Increase your skills in the approach of Plastic and Maxillofacial Surgery to gynecological conditions through this program"

# Introduction | 07 tech



This Postgraduate Diploma may be the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Plastic and Maxillofacial Surgery for Nursing, you will obtain a Postgraduate Diploma by TECH Global University"

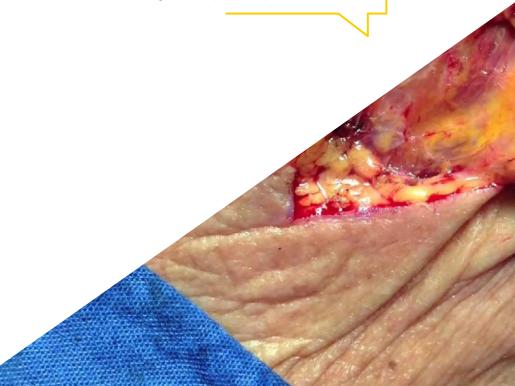
Its teaching staff includes health professionals belonging to the field of Dental nursing, who bring to this Training their work experience, as well as recognized specialists belonging to leading scientific societies.

Thanks to its multimedia content developed with the latest educational technology, they will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare 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. This will be done with the help of an innovative interactive video system developed by renowned experts in the field of surgical nursing with extensive teaching experience.

Increase your confidence in decision making by updating your knowledge through this Postgraduate Diploma in Plastic and Maxillofacial Surgery for Nursing.

Don't miss the opportunity to update your knowledge in Plastic and Maxillofacial Surgery for Nursing to improve patient care.







# tech 10 | Objectives

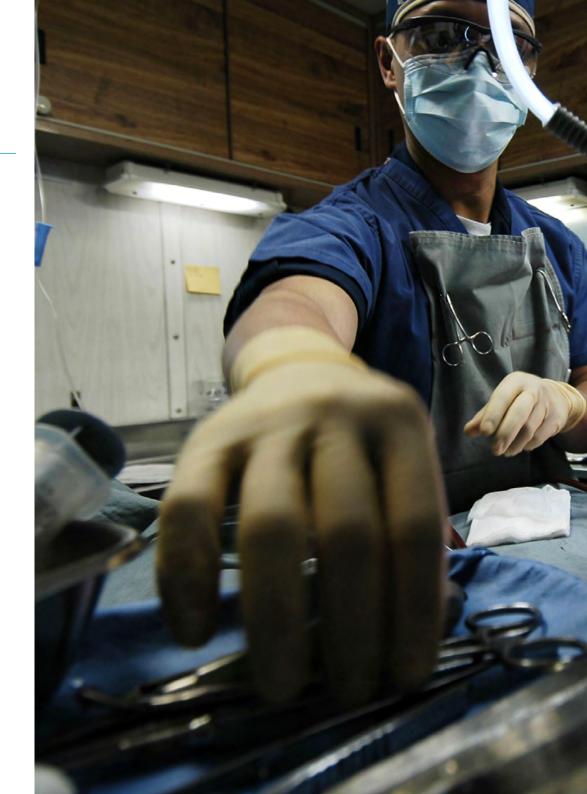


## **General Objectives**

- To update the knowledge of advanced practice nurses in perioperative care in the different medical-surgical specialties, through evidence-based nursing
- Promote work strategies based on perioperative patient care as a reference model in the achievement of healthcare excellence
- Encourage the acquisition of technical skills and abilities, through a powerful audiovisual system, and the possibility of development through online simulation workshops and/or specific education
- Encouraging professional development through research and dynamic and up-to-date continuous Training



Take advantage of the opportunity and take the step to get up to date on the latest developments in Plastic Surgery and Maxillofacial for Nursing"









#### **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 welcome the patient/family, whether in the bedding room, in the operating theatre 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

# tech 12 | Objectives

- 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
- Communicate the necessary information about the patient to the nursing professional who will assume the subsequent care of the patient
- 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, consumables and instruments, and the required anaesthesia 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)
- Assess the psychological state of patients with gender identity disorder and burn patients, and learn tools to alleviate surgical stress







#### Module 3. 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, parotid and tongue lesions, he/she will know how to process intraoperative samples for pathological anatomy analysis, which are very frequent in most of these surgeries
- Identify the different modalities of cartilage grafts and skin coverage in order to be able to cooperate in rhinoplasty procedures





# tech 16 | Course Management

#### Management



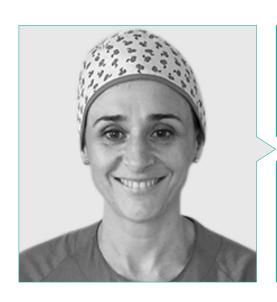
#### Ms. Guzmán Almagro, María Isabel

- Professional Nurse Specialist in Comprehensive Nursing Care in Critical and Emergency Situations in Adults
- Surgical Block Nurse at the La Paz University Hospital. Madrid, Spain
- Master in Social Gerontology: Longevity, health and quality. University of Jaén
- University Specialist in Emergency Medicine Complutense University of Madrid
- Postgraduate Diploma in Digital Teaching for Nursing. Cardenal Herrera University. CEU
- Diploma in Nursing. University of Jaén
- Coordinator of several nursing programs in Spain
- Invited to the XII National Congress of Surgical Nursing, Hospital La Paz. Madrid, Spain



#### Ms. Bárzano Saiz, María Estela

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



#### Ms. Alba López, Alicia

- Nurse Attending Hospital Universitario La Paz
- Postgraduate Certificate in Nursing
- Operating room nurse in the medical sections of La Paz University Hospital: Orthopedic Surgery, Traumatologic Surgery, Plastic Surgery, General Surgery

#### **Professors**

#### Ms. Gonzalez San José, Raquel

- Advanced Operating Room Nurse Specialist
- Attending Nurse at from La Paz Hospital
- Surgical Area Nurse in General Surgery. La Paz University Hospital

#### Ms. Colomar Marroig, Aina

 Operating theatre nurse in gynaecology and obstetrics at University Hospital La Paz since 2004

#### Ms. Vitini Manso, Rosales

 Operating theatre nurse in gynaecology and obstetrics at University Hospital La Paz since 2004

#### Ms. Malpartida Méndez, Alba

- Nurse expert in Pediatric Surgery
- Surgical Nurse at Quirón Salud
- Nurse at the 12 Octubre Hospital
- Graduate in Nursing

#### Ms. Rubio Martín, María Eugenia

- Tutor of students in EU internships, UCM
- Postgraduate Diplomea in Operating Room

# tech 18 | Course Management

#### Ms. Valero Calvo, Jara

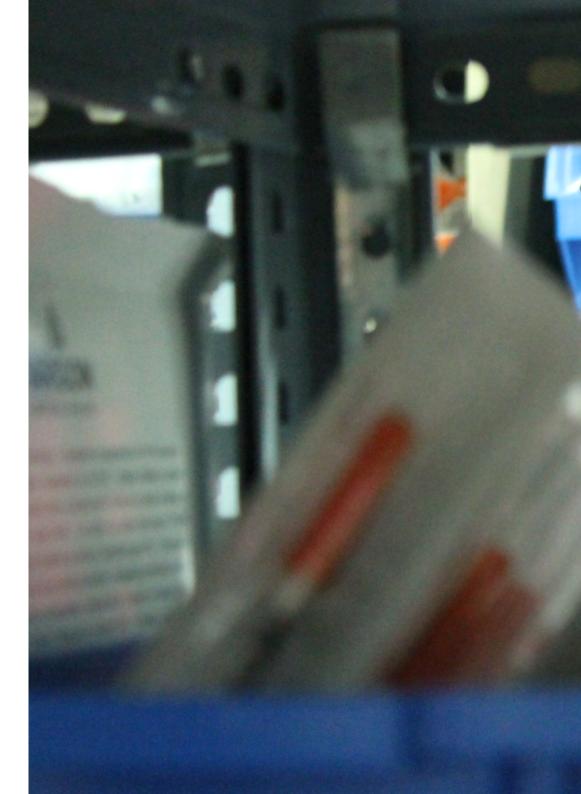
- Operating Room Nurse, Ophthalmology Specialties, University Hospital La Paz, Madrid.
- University Expert Degree in Advanced Applied Nursing Care from the University of León
- Nurse research collaborator for the Fundación Biomédica del Hospital Universitario Gregorio Marañón in the project: "Effectiveness of an early intervention in the diagnosis and treatment of hyponatremia for the prevention of falls in hospitalized patients"
- 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. Valverde Girón, Laura

- Specialties of Orthopedic and Traumatologic Surgery, General Surgery, Plastic Surgery and Gynecologic Surgery
- Surgical Nurse Specialist in Orthopedic and Traumatologic Surgery
- Surgical Nurse in Orthopedic and Traumatologic Surgery, General Surgery, Plastic Surgery and Gynecological Surgery. La Paz University Hospital
- Nursing Service in the specialties of: Orthopedic and Traumatologic Surgery, General Surgery, Plastic Surgery and Gynecological Surgery. Cantoblanco Hospital
- Operating Room Nurse at the Santa Cristina University Hospital in Madrid

#### Ms. García Enciso, Carmen

- Nurse in the Traumatology Unit, La Paz Hospital. Madrid, Spain
- Nurse in rehabilitation and trauma resuscitation units
- Postgraduate Diploma in Nursing from the Alfonso X el sabio University
- Expert in advanced nursing care



#### Ms. Palomares García, Vanessa

- Nurse expert in Hospital Emergencies
- Emergency Care Nurse in the Aragoneses Health Service
- Nurse in Surgical Plants for the Aragonese Health Service
- Nurse in Oncologic Plants for the Aragonese Health Service
- Internal Medicine Nurse for the Aragonese Health Service in the Internal Medicine Department
- Nurse in private center of Sanitas
- Auxiliary Nurse in Neuropsychiatric Hospital del Carmen
- Master's Degree in Natural Disasters and Health Emergencies, Camilo José Cela University
- Degree in Nursing from San Jorge University

#### Ms. Valero Calvo, Jara

- Operating Room Nurse, Ophthalmology Specialties, University Hospital La Paz, Madrid
- University Expert Degree in Advanced Applied Nursing Care from the University of León
- Nurse research collaborator for the Fundación Biomédica del Hospital Universitario Gregorio Marañón in the project: "Effectiveness of an early intervention in the diagnosis and treatment of hyponatremia for the prevention of falls in hospitalized patients"
- 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. Carrero Villareal, Mercedes

- Nurse specialist in the surgical area and postoperative care
- Operating room nurse in the areas of general surgery and traumatology, Hospital Universitario de Ciudad Real
- Traumatology nursing service, Perpetuo Socorro Hospital, Albacete
- Nurse in the areas of traumatology, emergency gynecology, general surgery, urology and

#### Ms. Abellán Cuadrado, Mryam

- Operating Room Nurse in La Paz University Hospital, Madrid, España
- Nurse accredited by the General Direction of Research, Teaching and Documentation. Ministry 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. López Quesada, Teresa

- Assistant Director of Nursing at La Paz University Hospital
- Unit Supervisor. Surgical Hospitalization. Traumatology La Paz University Hospital
- Nurse in Surgical Block, Neurosurgery and Cardiothoracic Surgery. La Paz University Hospital
- Nurse in critical care, operating room and hemodynamics. Gregorio Marañón University Hospital Gregorio Marañón University Hospital
- Head of the Resuscitation Unit, URPA, CMA. Infanta Sofía University Hospital
- Nurse in the Intensive Care Unit. Nuestra Señora del Rosario Hospital
- Master in Nursing Services Management. National University for Distance Learning. U.N.E.D.

#### Ms. Jiménez Ramos, Irene

- Surgical nurse in gynecological and obstetric surgery, and in general surgery operating theatres at the University Hospital Universitario La Paz
- Operating room pool for all surgical specialties in Hospital Universitario Ramón y Cajal
- External collaboration as author and coordinator of opposition abstracts for the Paradigma Group
- Author of several scientific articles: Nursing care processes for a preterm newborn in the neonatal intermediate care unit. Electronic Journal of Medical Portals

# tech 20 | Course Management

otorhinolaryngology, Infanta Sofia Hospital, San Sebastian de los Reyes

- Nurse in surgical areas of plastic surgery and cardiothoracic surgery, La Paz University Hospital
- Instrumentalist in traumatology at Nuestra Señora del Rosario Hospital
- Speaker at the 43rd AEEC Congress. Clinical Cases I

#### Ms. Berrocal Antelo, Amaya

- Operating Surgical Nurse in the operating room of several specialties, Hospital Doce de Octubre
- 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. Teresa Lora, Ana Isabel

- Specialist Nurse in the Operating Room, School of Health Sciences
- Nurse at the service of operating rooms and various medical specialties at the Infanta Sofia Hospital
- Operating Room Nurse in Urology, Infanta Sofia Hospital, Madrid
- Operating room internship tutor, Complutense and European Universities







A unique specialization experience, key and decisive to boost your professional development"







# tech 24 | Structure and Content

#### 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. Maxillofacial

- 3.1. Jaw
- 3.2. Reduction and Osteosynthesis of Maxillofacial Fractures
- 3.3. Facial
- 3.4. Oral
- 3.5. Surgical Approach to Maxillofacial Abscesses
- 3.6. Tracheostomy.







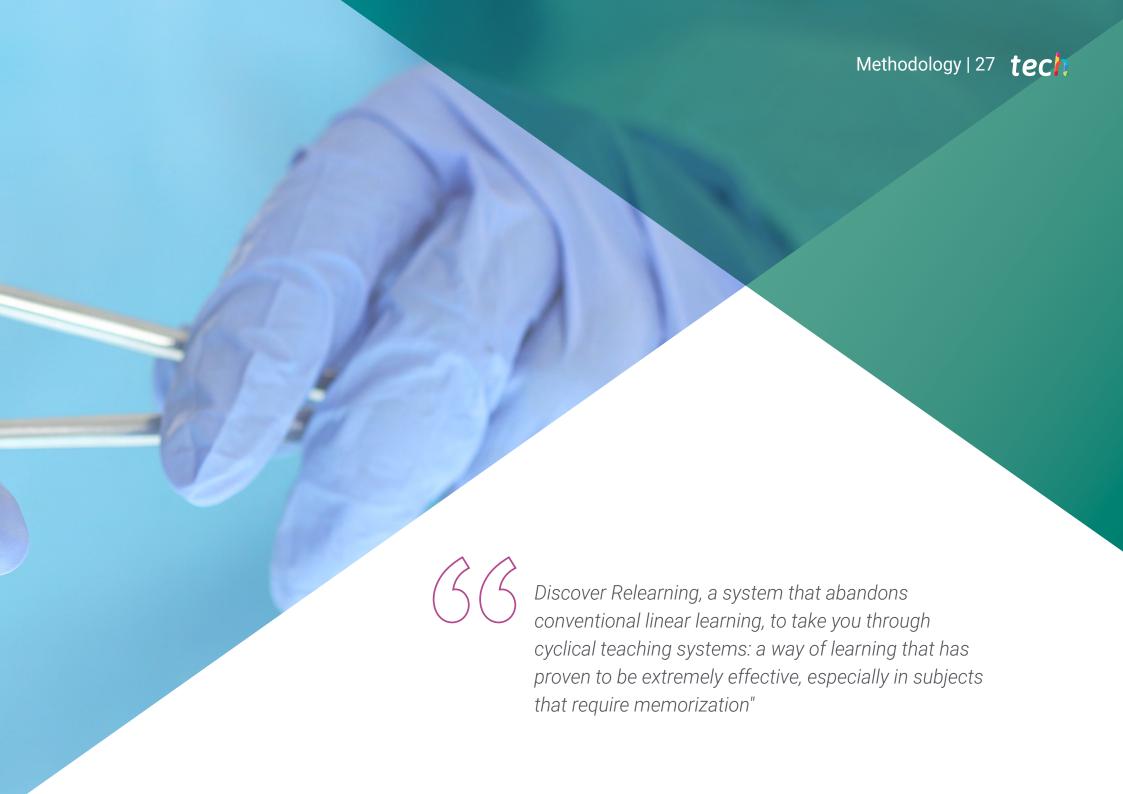


A unique specialization experience, key and decisive to boost your professional development"



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.

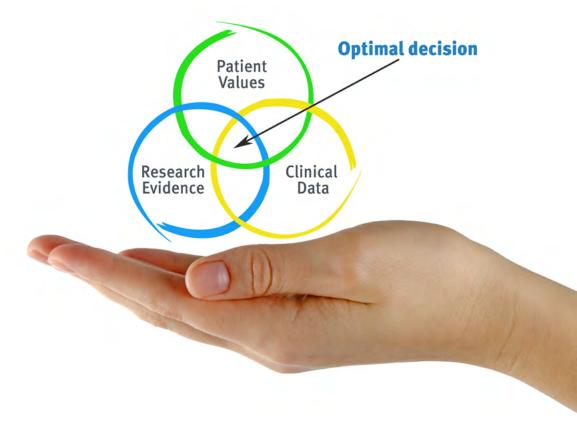


# tech 28 | Methodology

#### At TECH Nursing School we use the Case Method

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

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



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



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

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

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



#### Relearning Methodology

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

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

The nurse will learn through real cases and by solving complex situations in simulated learning environments.

These simulations are developed using state-of-the-art software to facilitate immersive learning.



### Methodology | 31 tech

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

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

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

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

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

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



#### **Study Material**

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

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



#### **Nursing Techniques and Procedures on Video**

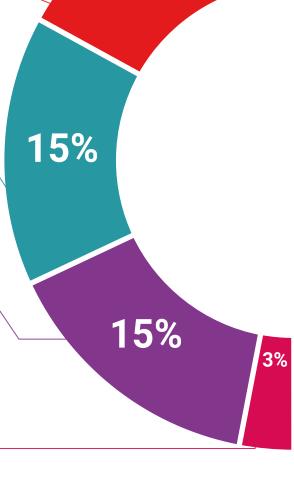
We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you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



#### **Interactive Summaries**

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

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





#### **Additional Reading**

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



#### **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.

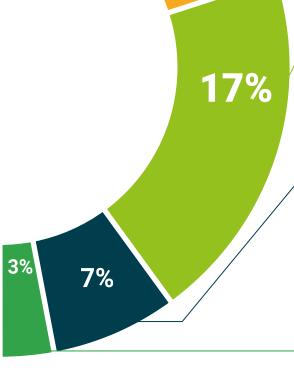




#### **Quick Action Guides**

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





20%





# tech 36 | Certificate

This private qualification will allow you to obtain a **Postgraduate Diploma in Plastic** and **Maxillofacial Surgery for Nursing** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: Postgraduate Diploma in Plastic and Maxillofacial Surgery for Nursing

Modality: online

Duration: 6 months

Accreditation: 16 ECTS



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

#### Postgraduate Diploma in Plastic and Maxillofacial Surgery for Nursing

This is a private qualification of 510 hours of duration equivalent to 16 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



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



# Postgraduate Diploma Plastic and Maxillofacial Surgery for Nursing

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 16 ECTS
- » Schedule: at your own pace
- » Exams: online

