

Postgraduate Diploma

Perioperative Care for Nursing





Postgraduate Diploma Perioperative Care for Nursing

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 24 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-perioperative-care-nursing

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01

Introduction

The surgical area presents specific characteristics different from the rest of the departments where nursing care activities are carried out. The evolution of nursing procedures, together with advances in technology, make it essential for nursing professionals to constantly update their knowledge in order to provide care based on the latest scientific evidence.





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Success and professional recognition in the operating room is not only achieved with personal qualities; it is, above all, a work of perseverance, method and organization. This Postgraduate Diploma will help you update your knowledge and increase your level of competence in Perioperative Care"

The field of surgical technology is constantly expanding, and hospital managers are increasingly looking to recruit professionals whose profile fulfills the requirements of the job, and who are qualified and endorsed for carrying out this type of work. This is why new team awareness has been developing among professionals in the surgical field. They continue to enrich their professional skills in this field every day in order to meet the needs of new techniques and care that come with the advances in surgery as a whole.

Today, the large number of undergraduate training hours provides students (and future professionals) with diverse clinical experiences, but few opportunities to enhance the skills necessary to delve into surgical nursing in general, which is why many nurses seek to perfect and, in many cases, initiate their surgical skills already in active service and/or through independent study for training in effective surgical nursing practice.

This Postgraduate Diploma is designed to up-to-date professionals who are developing or want to develop their functions in the surgical area, in order to increase their competence in safety procedures for themselves and, thus collaborating in the success of the intervention.

This **Postgraduate Diploma in Perioperative Care for Nursing** is the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ Clinical cases presented by nursing professionals who are experts in patient care in surgery and other specialisms
- ◆ Its graphic, schematic and practical contents provide scientific and assistance information on those medical disciplines that are essential for professional practice
- ◆ The latest diagnostic-therapeutic techniques on professional nursing practice with surgical patients
- ◆ Practical workshops on sutures and other techniques performed by nurses
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ 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



The Postgraduate Diploma for Perioperative Nursing Care will allow you to update your knowledge, improve prognosis and reduce sequelae and complications in patients"

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This Postgraduate Diploma is the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge for Nursing in Perioperative Care, you will obtain a qualification endorsed by TECH Global University”

Its teaching staff includes leading nursing professionals, who contribute their work experience to this up to date program, in addition to other professionals specializing in the surgical area.

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 nursing professionals must try to solve the different professional practice situations that arise throughout the program. For this reason, you will be assisted by an innovative interactive video system created by renowned and experienced experts in the field of surgical nursing with extensive teaching experience.

This Postgraduate Diploma provides training in simulated environments, which allows for an immersive learning experience designed to train for real-life situations.

It includes clinical cases to bring the program as close as possible to the reality of surgical nursing.



02

Objectives

The program for this Postgraduate Diploma is oriented toward a review of Perioperative Care based on the experience of renowned professionals, in order to provide quality care based on the latest scientific evidence and guarantee patient safety.





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This refresher program will generate a sense of security when practicing nursing, which will help you grow both personally and professionally”



General Objective

- ♦ Gain up-to-date knowledge in providing nursing care to surgical patients during the entire surgical process, with the aim of improving the quality and safety of your nursing praxis both in surgery and the following period of rehabilitation. This is done by developing clinically effective interventions in the care provided within the surgery department in a hospital setting



A path to achieve education and professional growth that will propel you towards a greater level of competitiveness in the employment market"





Specific Objectives

Module 1. Surgical Nurses

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

Module 2. Preoperative Preparation of the Surgical Patient

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

Module 3. Organization and Relations of Nursing Work in the Surgical Department

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

Module 4. Anesthesia

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

03

Course Management

These materials have been created by a team of professionals who are experts on nursing patient care, working in the main hospital centers and in the most important internal medicine services in the country, bringing to the program the experience they have gained throughout their careers.





Learn from leading professionals the latest advances for Perioperative nursing care”

Guest Director



Ms. Diaz Torrijos, María José

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

Professors

Ms. Ranz González, Raquel

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

Ms. Esteban Saori, Patricia

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

Mr. García Ortega, Eduardo

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

Ms. Sanz Hernández, Natalia

- ♦ Surgical Nurse in the Lung Transplant At Hospital at 12 de Octubre University Hospital
- ♦ Diploma in Nursing from the University of Valladolid
- ♦ Adaptation Certificate in Nursing from the University of León

Mr. Garcia Del Campo, Gabriel

- ♦ Operating Room Service in the Abdominal Organ Transplant Unit at the 12 de Octubre University Hospital Madrid
- ♦ Specialist Nursing Qualification in Pediatric Nursing from Ministry of Culture, Education and Sports
- ♦ Postgraduate Certificate in Nurses, San Pablo University CEU, Madrid
- ♦ Hospital Virgen del Mar, Madrid, Operating Room and Intensive Care Department

04

Structure and Content

The curriculum structure has been designed by a team of professionals who understand the implications of nursing training for Perioperative nursing care, aware of the current relevance of this Postgraduate Diploma, and committed to quality teaching through new educational technologies.





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This Postgraduate Diploma for Perioperative Care for Nursing is the most complete and up-to-date scientific program on the market”

Module 1. Surgical Nurses

- 1.1. Legislation
- 1.2. Bioethics and code of ethics in Spanish nursing
- 1.3. Professional Discretion
- 1.4. Brief Historical Introduction to Surgical Nursing and "Modern" Surgery
- 1.5. Professional Nursing Personal Qualities and/ or Behaviors for Nurses who Decide to Dedicate Themselves to the Surgical Field
- 1.6. Comparison between Different Models of Surgical Nursing in the Different Health Systems in Spain and Europe
- 1.7. Stress Control in the Operating Room: Burnout Syndrome
- 1.8. Nursing Practice and Humanizing Care in the Operating Room

Module 2. Preoperative Preparation of the Surgical Patient

- 2.1. Communicating with Patients and Psychological Considerations before Surgery
- 2.2. Patient Needs, Psychological Responses, Accepting Surgery and Informed Consent
- 2.3. Preparation and Physical Examination of Surgical Patient Candidates Nutritional Needs
- 2.4. Special Considerations: Diabetic, Obese, Pediatric, Geriatric and Terminal Patients
- 2.5. Preoperative Assessment in Pediatric Surgery
- 2.6. Interpersonal Relationships: Nurse-Patient and Nurse-Surgical Team
- 2.7. Preoperative Shaving
- 2.8. Surgical Preparation for Cognitively Impaired Patients
- 2.9. Preoperative Skin Preparation
- 2.10. Patients Allergic to Latex





Module 3. Organization and Relations of Nursing Work in the Surgical Department

- 3.1. Necessities in the Operating Room
- 3.2. Economic Use of Materials and Equipment
- 3.3. Role of the Surgical Nurse Different Roles during the Different Phases of Surgical Intervention (Preoperative, Intraoperative and Postoperative Procedures)
- 3.4. Other Members of the Operating Room Team The Importance of Teamwork
- 3.5. Surgical Scrubbing and Donning of Sterile Gowns and Gloves
- 3.6. Preparing Instrument Tables
- 3.7. Delivering Patients to the Surgical Table Transfer to the Operating Table
- 3.8. The Surgical Table: General Patient Positions according to the Surgical Technique to be Performed
- 3.9. Possible Patient Injuries due to Incorrect Positioning on the Surgical Table
- 3.10. Intraoperative Techniques Economics in "Time and Motion"
- 3.11. Radiation Risks and Precautions
- 3.12. Concluding the Intervention Removal from the Surgical Site and Cleaning the Operating Room

Module 4. Anesthesia

- 4.1. General Anesthesia
- 4.2. Most Common Anesthetic Agents (Drugs)
- 4.3. Inhalation Anesthetic Agents
- 4.4. Regional Anesthetic and Analgesic Techniques
- 4.5. Peripheral blockages. Sedation
- 4.6. Nursing Care for Patients under Anesthesia Crash Cart
- 4.7. Postoperative Complications
- 4.8. Interventions that Can Prevent Preoperative Complications
- 4.9. Patient Admission to the Post-Anesthesia Recovery Unit
- 4.10. Possible Complications Discharge Criteria

05

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.





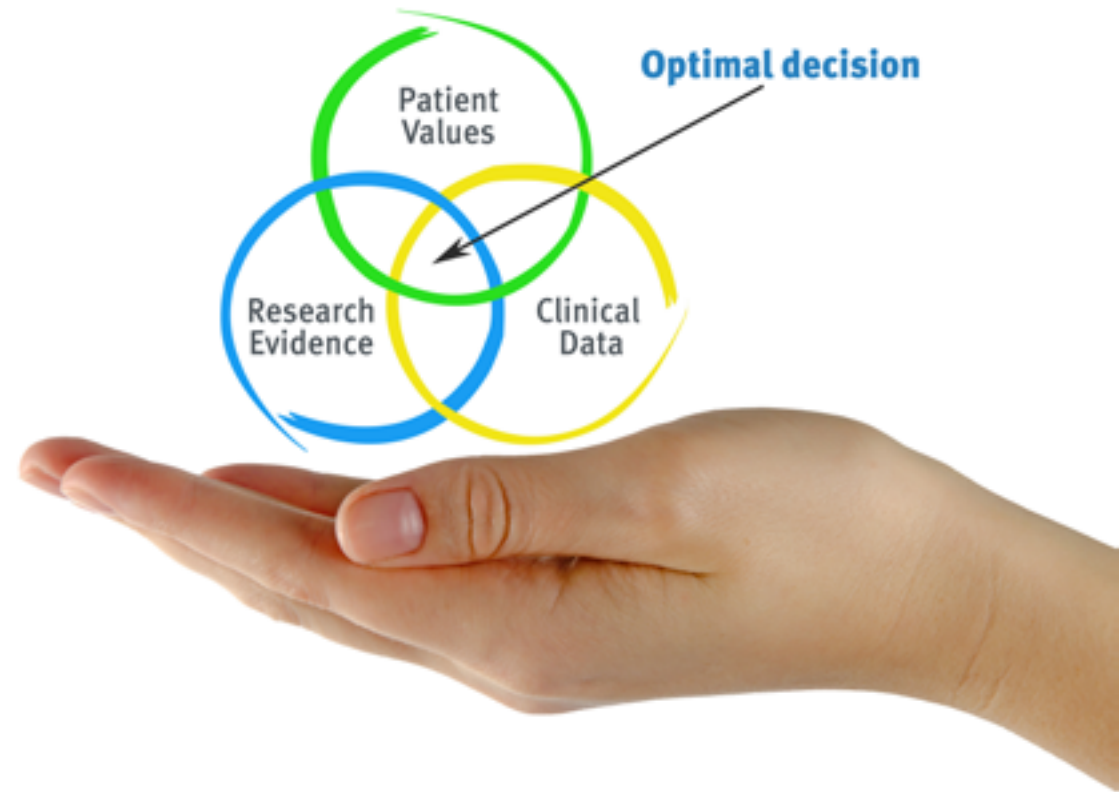
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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.

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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.



06 Certificate

The Postgraduate Diploma in Perioperative Care for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.



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

This private qualification will allow you to obtain a **Postgraduate Diploma in Perioperative Care 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 Perioperative Care for Nursing**

Modality: **online**

Duration: **6 months**

Accreditation: **24 ECTS**



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



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