

# Postgraduate Certificate

## Nursing Care in Medical and Surgical Assistance Processes





## Postgraduate Certificate Nursing Care in Medical and Surgical Assistance Processes

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/in/nursing/postgraduate-certificate/nursing-care-medical-surgical-assistance-processes](http://www.techtute.com/in/nursing/postgraduate-certificate/nursing-care-medical-surgical-assistance-processes)

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# 01

# Introduction

Hospital nursing has undergone many changes recently. The current healthcare situation has accelerated this process, so professionals must be aware of this transformation in order to incorporate the latest techniques into their work. Thus, this program offers them, by deepening in the specific diagnostic tests and surgical specificities of pathologies belonging to all types of specialties, providing the nurse with the most advanced procedures in each case. And it does so through an online teaching system that adapts to the circumstances of the professional, allowing them to work and study without complications.



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*Get to know in depth all the new developments in nursing care processes applied to all types of health procedures in the hospital setting”*

The fundamental work of the nurse in all types of hospital care processes has evolved over the years. The introduction of new protocols, tests and techniques in this field has led many professionals to update their skills in order to meet the challenges of the present. For this reason, refresher programs are needed to enable nurses to acquire the necessary tools to continue to perform their work effectively.

Thus, this Postgraduate Certificate in Nursing Care in Medical and Surgical Assistance Processes is the solution for the professional who wishes to be updated in this area. From a 100% online methodology, with the support of the best teachers, and with innovative contents presented in multimedia format, the nurses will obtain the new knowledge they are looking for.

In this program you will learn the most advanced techniques in ophthalmological and dermatological processes, in processes in the field of hospitalization of patients with various pathologies and in the therapeutic plans and care applicable to each case.

This **Postgraduate Certificate in Nursing Care in Medical and Surgical Assistance Processes** contains the most complete and up-to-date educational program on the market. Its most notable features are:

- ♦ The development of case studies presented by experts in Hospital Nursing
- ♦ The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Access to content from any fixed or portable device with an Internet connection



*Here is the most complete program on the market to update your professional practice to the new techniques and protocols in medical and surgical care processes"*

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*You will have at your disposal the most advanced multimedia materials: interactive summaries, videos, real clinical case studies, master classes, complementary readings, among others. It will be the best educational experience of your life"*

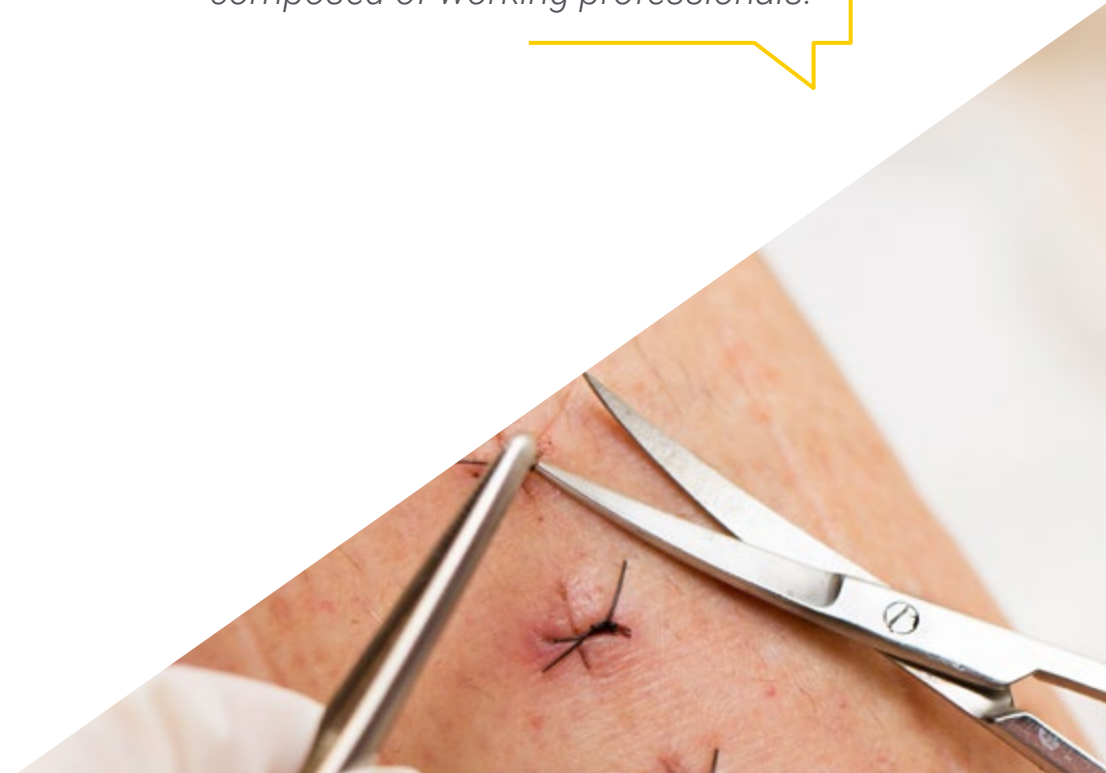
The program includes in its teaching staff professionals from the sector who bring to this training the experience of their work, as well as recognized specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive training programmed to train in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, you will be assisted by an innovative system of interactive videos made by renowned experts with extensive experience in therapeutic personal training.

*The online methodology with which this program is taught will adapt to you and your professional circumstances, allowing you to choose the time and place to study.*

*Updating your knowledge will be a quick and easy task thanks to TECH's study system and its teaching staff, composed of working professionals.*



# 02 Objectives

The current healthcare situation has brought about many changes in various processes in the field of nursing. For this reason, the main objective of this Postgraduate Certificate is to bring the professionals closer to all the novelties in this area, so that at the end of the qualification they will be in possession of the most innovative and precise techniques and tools to deal with the assistance of all types of medical and surgical interventions.







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*All your professional goals will be within your reach when you complete this program”*



## General Objectives

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- ♦ Master the professional aptitude to integrate and apply knowledge, skills and attitudes, developing good practices during their professional practice
- ♦ In-depth knowledge of the hospital environment and culture together with the rules, rights and duties in hospital care
- ♦ Know the specificities of patient hospitalization with the update of hospital processes, protocols and policies
- ♦ Master nursing care as a basis for decision-making in patient care
- ♦ Improve care for complex and chronic conditions by acquiring the necessary information on the interrelation and coordination with other health areas



*You will be accompanied by the best teachers, who will transfer all their knowledge from the best didactic materials"*





## Specific Objectives

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- ♦ Master nursing care as a basis for decision making in the care of patients with complex processes
- ♦ Recognize factors related to improving the effectiveness of care in a particular care setting and search for and adapt evidence for implementation in that setting
- ♦ Develop problem solving and decision making in the most frequent clinical processes in hospital care
- ♦ Professionalization of therapeutic and diagnostic support equipment, characterized by complex technology
- ♦ Recognize the best available evidence to contribute to the improvement of the quality of care
- ♦ Delve into the use and indications of medical devices related to care
- ♦ Delve into the most up-to-date diagnostic and therapeutic knowledge of the most prevalent diseases in a context of complexity
- ♦ Act within an interdisciplinary team
- ♦ Recognize the elements that are part of a nursing unit
- ♦ Develop citizen's decision making with respect to their healthcare process, offer timely information that allows them to participate and make informed choices, and promote the fulfillment of their rights
- ♦ Professionalize the patient's emotional, physical and personal care, comfort, nutrition and personal hygiene needs, and maintenance of activities of daily living
- ♦ Recognize proposals for change that can be applied in the current or future workplace
- ♦ Adopt the necessary tools to ensure the confidentiality of information respect the patient's intimacy and privacy during their care
- ♦ Master the safety and comfort measures necessary to prevent the risks involved in health care
- ♦ Establish the necessary activities to avoid possible adverse events related to therapeutic administration
- ♦ Integrate knowledge to ensure an adequate transfer of information between the different hospital care settings for professionals who interact with each other
- ♦ Prepare and inform the discharged patient on care that may be performed outside the hospital

03

# Course Management

One of the strengths of this program is its faculty. TECH always pays attention to every detail and, for this reason, has been responsible for bringing together the best faculty in this area of nursing. Thus, the nurse who completes this Postgraduate Certificate will be able to be up to date by the hand of professors of great professional prestige and a very extensive experience in assistance processes in the hospital setting.





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*You will be able to rely on the vast experience of this faculty to achieve all your professional goals”*

## Management



### **Ms. Santano Magariño, Almudena**

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



# 04

# Structure and Content

The excellent teaching staff, the innovative teaching methodology and the varied multimedia resources are combined with the most innovative and complete syllabus on the market in this subject. Thus, throughout the module that makes up this program, the nurse will be able to get up to date with the most effective and innovative procedures in all types of care processes in the hospital setting: diagnostic tests, surgical interventions, therapeutic plans, etc. Care processes also applied to different specialties, such as neurosciences or pathologies of the digestive system.





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*You will learn the best care processes applied to all specialties, thus becoming a nursing professional of great prestige and with great prospects for progress”*

## Module 1. Nursing Care in Medical and Surgical Care Processes

- 1.1. Cardiological Processes
  - 1.1.1. Processes in the Hospitalization Area
  - 1.1.2. Specific Diagnostic Tests
  - 1.1.3. Surgical Specificities
  - 1.1.4. Therapeutic Plans and Care
  - 1.1.5. Related Supporting Devices
- 1.2. Respiratory Processes
  - 1.2.1. Processes in the Hospitalization Area
  - 1.2.2. Specific Diagnostic Tests
  - 1.2.3. Surgical Specificities
  - 1.2.4. Therapeutic Plans and Care
  - 1.2.5. Related Supporting Devices
- 1.3. Neurosciences
  - 1.3.1. Processes in the Hospitalization Area
  - 1.3.2. Specific Diagnostic Tests of the Nervous System
  - 1.3.3. Surgical Specificities
  - 1.3.4. Therapeutic Plans and Care
  - 1.3.5. Related Supporting Devices
- 1.4. Processes of the Musculoskeletal System
  - 1.4.1. Processes in the Hospitalization Area
  - 1.4.2. Specific Diagnostic Tests of the Nervous System
  - 1.4.3. Surgical Specificities
  - 1.4.4. Therapeutic Plans and Care
  - 1.4.5. Related Supporting Devices
- 1.5. Processes of the Digestive System
  - 1.5.1. Processes in the Hospitalization Area
  - 1.5.2. Specific Diagnostic Tests
  - 1.5.3. Surgical Specificities
  - 1.5.4. Therapeutic Plans and Care
  - 1.5.5. Related Supporting Devices





- 1.6. Metabolic and Endocrine Processes
  - 1.6.1. Processes in the Hospitalization Area
  - 1.6.2. Specific Diagnostic Tests
  - 1.6.3. Surgical Specificities
  - 1.6.4. Therapeutic Plans and Care
  - 1.6.5. Supportive Devices Related to Endocrine-Metabolic Systems
- 1.7. Rheumatologic Processes
  - 1.7.1. Processes in the Hospitalization Area
  - 1.7.2. Specific Diagnostic Tests
  - 1.7.3. Surgical Specificities
  - 1.7.4. Therapeutic Plans and Care
  - 1.7.5. Related Supporting Devices
- 1.8. Ophthalmologic and Dermatologic Processes
  - 1.8.1. Processes in the Hospitalization Area
  - 1.8.2. Specific Diagnostic Tests
  - 1.8.3. Surgical Specificities
  - 1.8.4. Therapeutic Plans and Care
  - 1.8.5. Related Supporting Devices
- 1.9. Otolaryngological Processes
  - 1.9.1. Processes in the Hospitalization Area
  - 1.9.2. Specific Diagnostic Tests
  - 1.9.3. Surgical Specificities
  - 1.9.4. Therapeutic Plans and Care
  - 1.9.5. Related Supporting Devices
- 1.10. Immunological Processes
  - 1.10.1. Processes in the Hospitalization Area
  - 1.10.2. Specific Diagnostic Tests
  - 1.10.3. Therapeutic Plans and Care
  - 1.10.4. Related Supporting Devices

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

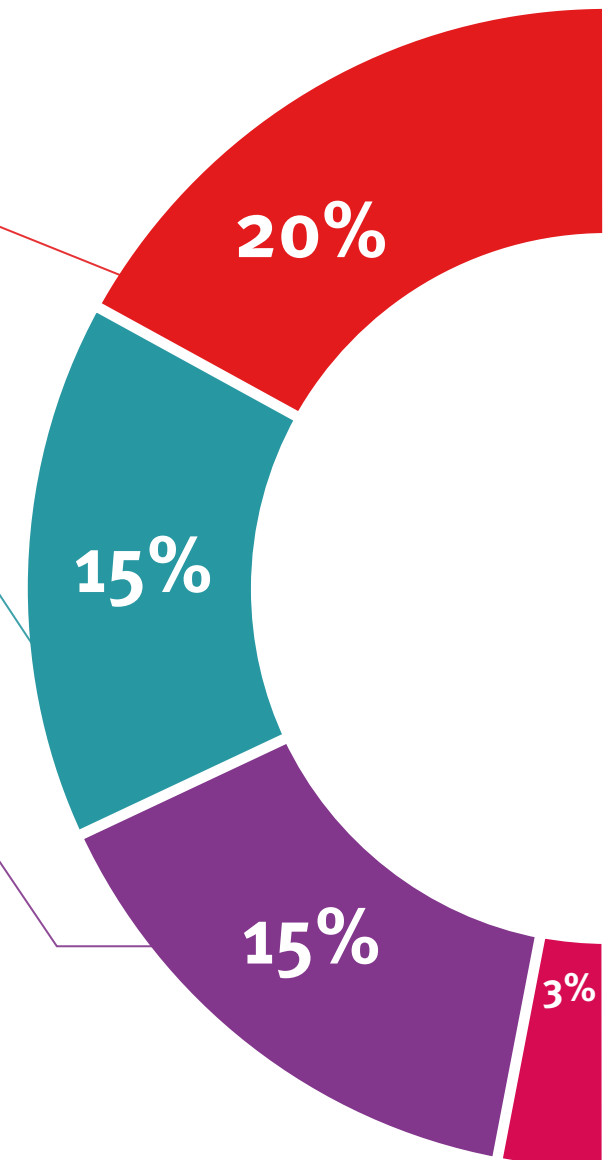
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

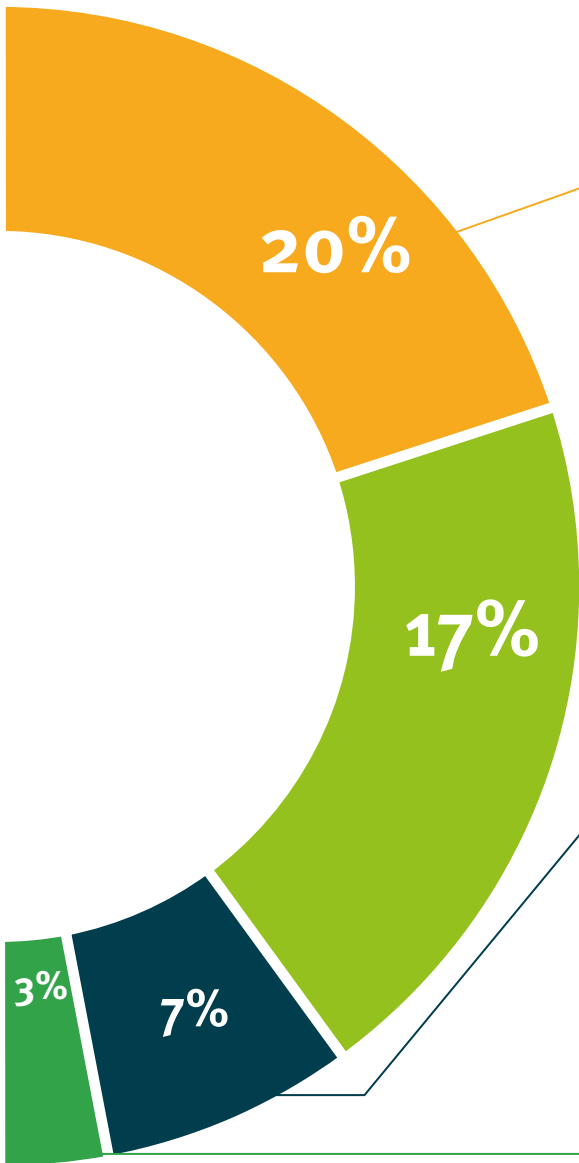
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### 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 Certificate in Nursing Care in Medical and Surgical Assistance Processes guarantees, in addition to the most rigorous and up-to-date training, access to a certificate issued by TECH Technological University.



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*Successfully complete this training and receive your university certificate without travel or laborious paperwork"*

This **Postgraduate Certificate in Nursing Care in Medical and Surgical Assistance Processes** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by job markets, competitive examinations and professional career evaluation committees.

Title: **Postgraduate Certificate in Nursing Care in Medical and Surgical Assistance Processes**

Official N° of Hours: **150 h.**



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

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
online training  
development language  
classroom



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