

# Postgraduate Certificate

## Nursing Care in Acute Pathologies in Primary Care





## Postgraduate Certificate Nursing Care in Acute Pathologies in Primary Care

- » 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-acute-pathologies-primary-care](http://www.techtute.com/in/nursing/postgraduate-certificate/nursing-care-acute-pathologies-primary-care)

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# 01

# Introduction

In recent years, the improvement of healthcare technology has led to an improvement in the care of acute pathologies. In addition to this, there have been advances in the research of care or the impulse in health promotion. A continuous progression, in constant evolution that leads nursing professionals to keep abreast of the latest developments. For this reason, TECH has developed this program that offers the professionals an update about prevention measures, control, assessment and nursing care in children and older adults. A 100% online program, with the best didactic material in the academic panorama, with access 24 hours a day, from any electronic device with Internet connection.







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*A 100% online Postgraduate Certificate that will boost your competencies in Acute Care in Primary Care"*

The development of remote monitoring devices or electronic information systems has improved patient care in primary care. These improvements are coupled with a more patient-centered approach, health promotion and ongoing scientific research.

In this way, acute pathologies are attended with greater precision by nursing professionals. Faced with this reality, TECH has created this 6-week course, which will allow the graduates to deepen in strategies, intervention techniques and care for this type of diseases.

Thus, through innovative didactic material, the nurses will deepen in the management of burns, care for people with anxiety crises, victims of multiple accidents, catastrophes, including on-site care. This content will be available in multimedia formats such as video summaries, in the extensive virtual library of unlimited access of this program.

In addition, this program employs in its syllabus the Relearning method, which leads the graduates to review the fundamental concepts repeatedly, reducing memorization time.

The professional is, thus, an ideal opportunity to get a complete update through a flexible academic proposal. Students only need a digital device with an Internet connection to visualize, at any time, the content hosted on the virtual platform. No classroom attendance, nor classes subject to rigid schedules.

This **Postgraduate Certificate in Nursing Care in Acute Pathologies in Primary Care** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in Nursing focused on Primary Care
- ♦ Graphic, schematic, and 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 for experts, discussion forums on controversial issues and individual reflection work
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*Thanks to this program you will strengthen your skills in the care of patients with diseases such as Hepatitis, Tuberculosis and AIDS"*

“

*You will update your knowledge and techniques to treat respiratory failure in children”*

The program includes in its teaching staff professionals from the sector who pour into this training the experience of their work, in addition to recognized specialists from prestigious reference societies and universities.

Its multimedia content, developed with the latest educational technology, will provide the professionals with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professionals must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the students will be assisted by an innovative interactive video system created by renowned experts.

*You will implement new strategies for better preoperative and postoperative care with this 100% online qualification.*

*In just 6 weeks you will manage the techniques to treat chronic and acute wounds based on the latest scientific evidence.*



# 02 Objectives

The main objective of this Postgraduate Certificate is to provide the nurses with an update of the competences and skills to implement strategies for the prevention of physical and mental diseases from Primary Care. In this way, the professionals will be aware of the appropriate intervention techniques for the provision of specialized care in patients with acute pathologies. To achieve this goal, this program provides numerous multimedia and dynamic teaching materials.







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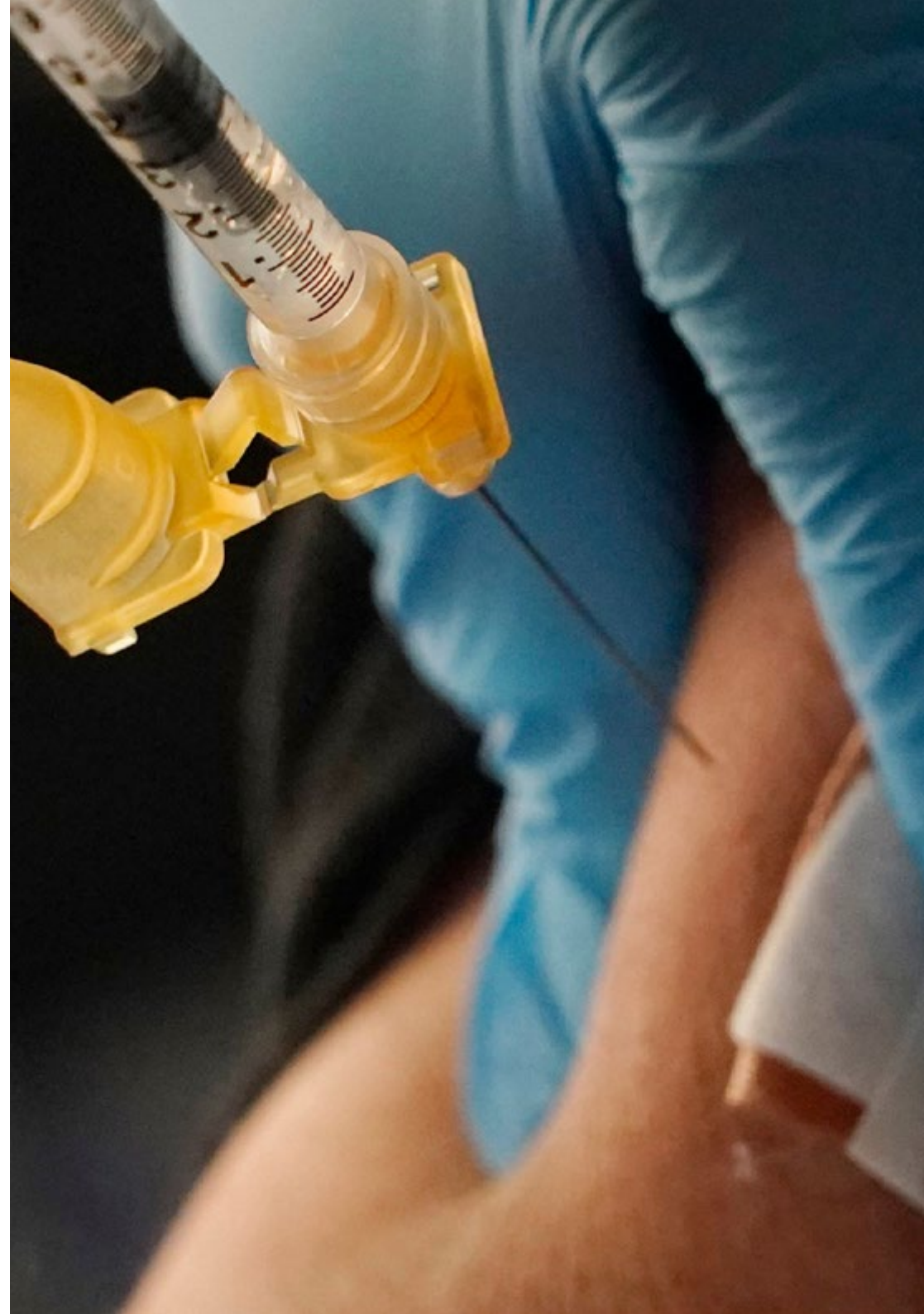
*You will expand your nursing skills for the assessment and care of the surgical patient in Primary Care”*



## General Objectives

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- ♦ Develop knowledge about the aspects of care in Primary Care, both for individuals, families and groups and the interactions that occur between them
- ♦ Broaden the professional domains of Primary Care Nursing and acquire knowledge for greater visibility, prestige, and a higher level of job autonomy
- ♦ Actively participate in the community in terms of community health programs
- ♦ Keep abreast of advanced practice trends in primary care nursing
- ♦ Promote best practices, based on scientific evidence, in response to advances in treatment research and technology





## Specific Objectives

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- ♦ Deepen in the diagnostic and therapeutic procedures for the most frequent urgent and emergency situations that the nurse usually attends in Primary Care
- ♦ Delve into the effective management of life support resources and emergency care techniques in the community setting
- ♦ Enable the safety of the patient and the environment to prevent possible complications arising from the emergency situation in the community setting
- ♦ Determine the resources available in emergency situations, their organization and responsibilities
- ♦ Distinguish the protocols of action and tasks in emergency and catastrophic situations
- ♦ Assume new competences when dealing with the nursing management of the demand in mild acute processes



*Improve your professional practice in a dynamic and highly effective way through didactic resources such as video summaries and videos of real cases"*



# 03

# Course Management

The teaching team that makes up this program has been rigorously selected for their extensive experience and expertise in the field of Primary Care Nursing. In addition, each professional has an outstanding track record and has demonstrated excellence in patient care in this setting. In this way, the graduate will have the guarantee of having access to a syllabus with a practical and updated perspective in Nursing Care in Acute Pathologies.







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*Get updated through a study plan developed by the best specialists in Primary Care, which will allow you to enhance skills for the management of Acute Pathologies such as high fever and COVID-19"*

## Management



### Dr. Sánchez Castro, Juan José Augusto

- ♦ Head of Primary Care Service at A Estrada Health Center
- ♦ Specialist in Family and Community Medicine in the Galician Health Service
- ♦ Executive Director of Infomercados Financial Services
- ♦ Master's Degree in Business Valuation from Center for Financial Studies (CEF)
- ♦ Diploma in Health by the Ministry of Health and Consumption
- ♦ Degree in Medicine and Surgery from the University of Santiago de Compostela

## Professors

### Ms. Matalobos Luis, María Teresa

- ♦ Primary Care Nurse Specialist
- ♦ Coordinator of Service at A Estrada Health Center
- ♦ Grade in Nursing from the University of Santiago de Compostela

### Ms. Tenreiro Blanco, Alba

- ♦ Primary Care Nurse Specialist
- ♦ Nurse in Galician Health Service
- ♦ Master's Degree in Health in Care, Management and Care from the University of Santiago de Compostela
- ♦ Graduate in Nurses Therapy from the University of A Coruña



# 04

# Structure and Content

This university program covers concepts related to Nursing Care in Acute Pathologies in Primary Care. Thus, the nurses will be able to update in the assessment and care of patients with Hepatitis, Tuberculosis, AIDS and Meningitis. Likewise, they will learn about acute respiratory insufficiency in children, convulsive crises in children, convulsive crises, drainage, cures and other advanced techniques. All this, through a pedagogical methodology, which gives the alternative of combining daily activities with refresher courses.







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*Optimize your study time with the Relearning method, focusing on the most important concepts without investing long hours of study”*

## Module 1. Acute Illness Care

- 1.1. Emergency rooms and first-aid kits
  - 1.1.1. Organizational aspects of the emergency room
  - 1.1.2. Adequate provisioning of emergency medicine cabinets
  - 1.1.3. Warning kits
  - 1.1.4. Triage
- 1.2. Nursing assessment and care of patients with infectious and infectious diseases
  - 1.2.1. Hepatitis
  - 1.2.2. Tuberculosis
  - 1.2.3. AIDS
  - 1.2.4. Meningitis
  - 1.2.5. Sexually transmitted diseases (STDs)
  - 1.2.6. Other infectious processes
  - 1.2.7. Nursing procedures and techniques
  - 1.2.8. Prevention and Control Measures
- 1.3. Nursing assessment and care of the sick child
  - 1.3.1. Acute Respiratory Failure
  - 1.3.2. Acute gastrointestinal problems
  - 1.3.3. Dehydration
  - 1.3.4. Convulsive crises Other most frequent problems Nursing procedures and techniques
- 1.4. Nursing assessment and care of the surgical patient in Primary Care
  - 1.4.1. Pre Surgery
  - 1.4.2. Post-surgery
  - 1.4.3. Nursing Procedures
  - 1.4.4. Drains, dressings and other techniques
- 1.5. Nursing assessment and care in chronic and acute wounds
  - 1.5.1. Concept
  - 1.5.2. Risk Factors
  - 1.5.3. Localization
  - 1.5.4. Formation processes, classification
  - 1.5.5. Risk Assessment Scales, registration
  - 1.5.6. Prevention and Treatment Measures



- 1.6. Minor Surgery in Primary Care
  - 1.6.1. New nursing competencies
  - 1.6.2. Instruments and surgical material used in Minor Surgery
  - 1.6.3. Asepsis and antisepsis techniques in minor surgery
  - 1.6.4. Preoperative Assessment and Patient Selection Minor Surgery
- 1.7. Care in emergencies and catastrophes. Emergencies and emergencies: concept
  - 1.7.1. Concepts of catastrophe and emergency
  - 1.7.2. Differences between catastrophe and emergency
  - 1.7.3. Concept of accident with multiple victims
  - 1.7.4. Sanitary action in catastrophes
    - 1.7.4.1. In situ
    - 1.7.4.2. Areas of Activity
    - 1.7.4.3. Triage
- 1.8. Nursing assessment and care of acute health problems
  - 1.8.1. Agitation - Confusion
  - 1.8.2. Aggression
  - 1.8.3. Asthma
  - 1.8.4. Seizures
  - 1.8.5. Dyspnea Shortness of breath COVID-19
  - 1.8.6. Severe abdominal pain
  - 1.8.7. Severe headache
  - 1.8.8. Chest Pain
  - 1.8.9. High Fever
  - 1.8.10. COVID-19
  - 1.8.11. Intoxication
  - 1.8.12. Intense Dizziness
  - 1.8.13. Palpitations
  - 1.8.14. Allergic Reaction
  - 1.8.15. Severe Allergic Reaction
  - 1.8.16. Acute Urinary Retention
  - 1.8.17. Digestive bleeding
  - 1.8.18. Syncope
- 1.9. Nursing assessment and care in critical situations
  - 1.9.1. Polytraumatized
  - 1.9.2. Burns
  - 1.9.3. Shock
  - 1.9.4. Intoxications
  - 1.9.5. Time-dependent pathologies
    - 1.9.5.1. Code Stroke
    - 1.9.5.2. Code Sepsis
    - 1.9.5.3. Asystole Donor Code
    - 1.9.5.4. Infarction Code
  - 1.9.6. Cardiorespiratory arrest: definitions and measures of action. Basic and advanced cardiopulmonary resuscitation
- 1.10. Care in mild acute processes
  - 1.10.1. Oral thrush
  - 1.10.2. Emergency Contraception
  - 1.10.3. Burns
  - 1.10.4. Anxiety Attack
  - 1.10.5. Diarrhea
  - 1.10.6. Elevation of BP
  - 1.10.7. Epistaxis
  - 1.10.8. Wound
  - 1.10.9. Herpes
  - 1.10.10. Sore throat
  - 1.10.11. Discomfort when urinating
  - 1.10.12. Animal bite
  - 1.10.13. Pink Eye
  - 1.10.13. Allergic Reaction
  - 1.10.14. Cold
  - 1.10.15. Cold sore

# 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. Gervas, 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 Acute Pathologies in Primary guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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

This **Postgraduate Certificate in Nursing Care in Acute Pathologies in Primary Care** contains the most complete and up-to-date scientific 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 labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Nursing Care in Acute Pathologies in Primary Care**

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.



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