

Postgraduate Certificate

Nursing in Respiratory Emergencies in Primary Care





Postgraduate Certificate Nursing in Respiratory Emergencies in Primary Care

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nursing/postgraduate-certificate/nursing-respiratory-emergencies-primary-care

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 20

05

Methodology

p. 24

06

Certificate

p. 32

01

Introduction

The nursing professionals, in their daily practice in Primary Care, must frequently face the most prevalent emergencies in the community.

Respiratory emergencies are one of the most frequently consulted pathologies, and therefore one of the situations they face most often on a daily basis.

This program will help you to update your knowledge in a practical way to face these situations safely.





“

This Postgraduate Certificate addresses the main aspects of cardiac emergencies in Primary Care, so that you will be able to face situations that can compromise a patient's life. Learn how to identify, initially care for and eventually transfer respiratory pathology patients from primary care to a hospital center”

Primary care represents the gateway to the health system, sometimes receiving patients with potentially serious conditions that require immediate and complex action, generally with limited resources, which makes the role played by nursing a crucial one.

This Postgraduate Certificate in Nursing in Respiratory Emergencies in Primary Care includes a complete program that includes comprehensive systematized action plans for the most frequent respiratory emergencies that nursing professionals must face in their daily clinical practice. From the care of patients with respiratory infections to accidental airway obstructions, the professional must act with agility and diligence to preserve the well-being and integrity of the patient. By getting up to speed with this program, you will increase your agility and precision in decision making.

This Postgraduate Certificate is designed so that the nursing professional can be updated to undertake quality nursing care for respiratory emergencies in the context of primary health care.

The program also includes the collaboration of two prominent international experts in Primary Care Emergency Medicine. Their knowledge and extensive professional background have enabled them to develop innovative *Masterclasses*, which investigate new approaches and delve into the latest innovations in the field. This opportunity promises to improve the specific skills of the participants, with TECH's quality assured.

This **Postgraduate Certificate in Nursing in Respiratory Emergencies in Primary Care** contains the most complete and up-to-date scientific program on the market.

Its most notable features are:

- ◆ Clinical cases presented by experts in the different specialties. The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ New diagnostic and therapeutic novelties on nursing care for the most frequent respiratory emergencies in the primary health care setting; it also incorporates interventions in patients with acute dyspnea, COPD, pneumonia, PTE or pneumothorax
- ◆ Presentation of procedures, diagnosis, and treatment techniques. With the completion of the BIPAP noninvasive mechanical ventilation workshop
- ◆ 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



Take advantage of the unique Masterclass offered by this program, led by an internationally renowned specialist in Emergency Primary Care"

“

This Postgraduate Certificate is the best investment you can make in selecting a refresher program for two reasons: in addition to updating your knowledge in Nursing in Respiratory Emergencies in Primary Care, you will obtain a qualification from TECH Global University"

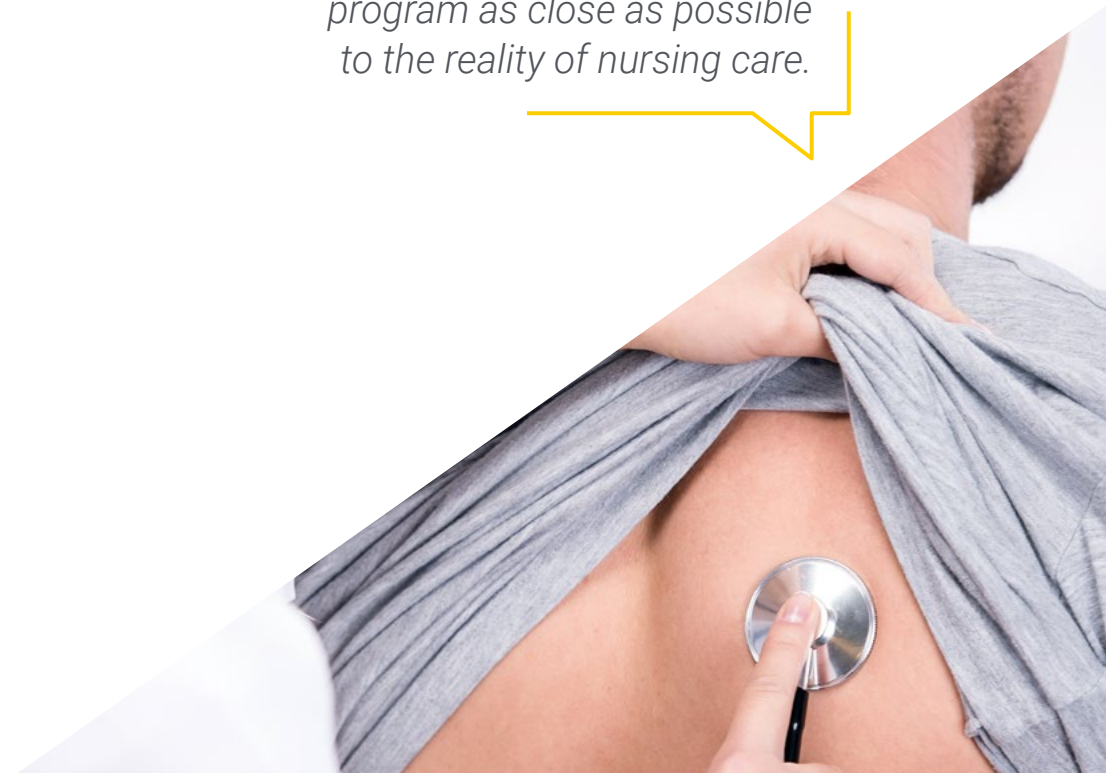
The program's teaching staff includes professionals from the field who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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 education programmed to learn 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, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

This Postgraduate Certificate offers education in simulated environments, which provides an immersive learning experience designed to prepare for real-life situations.

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



02 Objectives

The main objective this program pursues is to deliver theoretical and practical learning, so our nursing students can rigorously master the practical approach to patients in emergency situations in primary healthcare.



“

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



General Objective

- ♦ Update diagnostic and therapeutic procedures for the most frequent urgent and emergency situations that nurses usually deal with in Primary Care

“

Seize the opportunity and take the step to get up to date on the latest developments in respiratory emergencies in primary care”





Specific Objectives

- ◆ Incorporate advances in the appropriate management of patients with Congestive Heart Failure and Acute Pulmonary Edema
- ◆ Review the basic concepts of non-invasive mechanical ventilation management
- ◆ Correct use of non-invasive mechanical ventilation through the Boussignac CPAP System
- ◆ Identify the different vital rhythms to apply the appropriate algorithm for advanced cardiopulmonary resuscitation, according to the latest scientific evidence on advanced cardiovascular support
- ◆ Adequately define the different parameters involved in invasive mechanical ventilation
- ◆ Get up-to-date on treatment to resolve an acute decompensation in a dyspneic patient
- ◆ Recognize the differential diagnosis between the asthmatic patient, bronchospasm, and exacerbation of chronic obstructive pulmonary disease
- ◆ Review the pathophysiology involved in an asthmatic crisis
- ◆ Use pharmacological treatment measures in pneumonia
- ◆ Identify the signs and symptoms of massive pulmonary embolism
- ◆ Differentiate the different levels of health care in a patient with hemoptysis and assess the criteria for hospital referral

03

Course Management

This program includes in its teaching staff health professionals of recognized prestige who belong to the field of infectious patient care or oncological processes in primary care, and who pour into this program the experience of their work. Additionally, renowned specialists, members of prestigious national and international scientific communities, are involved in designing and preparing the program.





“

Learn the latest advances in nursing procedures for infectious and oncological emergencies in primary healthcare from leading professionals”

International Guest Director

As **National Director of Clinical Innovation** at US Acute Care Solutions, Dr. Jesse M. Pines, is one of the most recognized figures in the field of **Emergency Medicine and Healthcare Services**. In fact, his accomplishments include the creation and execution of the first governmental alternative payment model (ED EQUIP, in Maryland) to reduce the total cost of care. In addition, he leads the development and implementation of Telemedicine programs covering a wide variety of specialties, including the ER, Psychiatry and Intensive Care Units, among others.

His extensive experience in **medical leadership**, large database study design and Big Data research has led him to publish over 350 peer-reviewed articles and writing seven books in these areas. His work has been recognized internationally in various reputable media outlets, including TIME Magazine, the Wall Street Journal and Slate Magazine.

His more than two decades of experience have earned him several leadership positions at George Washington University. Among them, he is the **Director** of the Center for Health Innovation and Research, leading also the Research Fellowship program and the Center for Healthcare Quality.

Throughout his career, Dr. Jesse M. Pines has received multiple awards, both for the articles he has published and for his own work and contribution to the field of Emergency Medicine. He is also the **Chairman of the American College of Emergency Physicians (ACEP) Task Force on New Models of Professional Practice**, holding various positions in the ACEP itself as well as in the Society for Academic Emergency Medicine and the American Academy of Emergency Medicine.



Dr. Pines, Jesse M.

- National Director of Clinical Innovation at US Acute Care Solutions, United States
- Emergency Physician at Allegheny Health Network
- Professor of Emergency Medicine at The George Washington University
- Professor of Emergency Medicine, Drexel University
- Director of the Medical Research Fellowship Program, George Washington University
- Director of the George Washington University Center for Health Innovation and Research
- PhD in Medicine, University of Georgetown
- Professional Master's Degree in Business Administration, University of Georgetown
- Professional Master's Degree in Clinical Epidemiology, University of Pennsylvania



Thanks to TECH you will be able to learn with the best professionals in the world"

International Guest Director

Barbara Maliszewski is an outstanding leader in the field of **nursing**, with extensive experience and an impressive track record in **emergency healthcare management**.

In fact, her tireless work has led her to continually strive for quality improvement in hospital **emergency** departments.

She has held roles as **Chief Nursing Officer** at **Johns Hopkins Hospital** and **Johns Hopkins Bayview Medical Center**. In this role, she has strategically coordinated the **Emergency** and **Critical Care** Transport departments, implementing initiatives that optimize operations and oversee nursing practices. As such, she has been instrumental in developing and implementing programs of excellence in these services, as well as overseeing staff performance management.

In addition to her professional work, Barbara Maliszewski has dedicated her time and effort to collaborate with various **associations**, including the **Emergency Nurses Association**, whose **main mission is to promote excellence in Emergency Nursing** worldwide. She has also helped to promote the highest standards of quality care and treatment for emergency patients.

Throughout her career, Barbara Maliszewski has been recognized for her **professionalexcellence** and her contribution to **nursingresearch**. In fact, she has participated in numerous presentations and published in renowned **nursing journals**, addressing key topics such as **quality in the emergency department** and sex trafficking detection in clinical settings. In addition, her work has had a significant impact on **nursing practice** and has contributed to the **advancement of emergency medical care** internationally.



Ms. Maliszewski, Barbara

- Senior Director of Nursing at The Johns Hopkins Hospital and The Johns Hopkins Bayview Medical Center
- Assistant Director of Nursing at Johns Hopkins Bayview Medical Center, Department of Emergency Medicine and Critical Care Transport
- Nurse Practitioner at Johns Hopkins Bayview Medical Center, Department of Surgery
- Journal of Clinical Nursing Reviewer
- Professional Master's Degree in Nursing Science, Towson University
- Degree in Nursing from the University of Maryland
- Member of the Emergency Nurses Association

“

A unique, key, and decisive educational experience to boost your professional development”

Management



Dr. Roig D'Cunha-Kamath, Francisco Vicente

- ♦ Hospital Emergency Physician at the University Clinical Hospital of Valencia.
- ♦ Assistant Physician of the Emergency Medical Service at the University Clinical Hospital of Valencia.
- ♦ Physician of the CIBE of Valencia of the Health and Community Foundation.
- ♦ Professor of Human Anatomy at the European University of Valencia.
- ♦ Doctor for the ASCIRES group
- ♦ Degree in Medicine from the University of Valencia
- ♦ Specialist via MIR in Family and Community Medicine

Professors

Ms. Forés Rivas, Ana

- ♦ Nurse in the Health and Community Foundation
- ♦ Member of the Intensive Care Unit of the Doctor Peset University Hospital
- ♦ Laboratory Technician Specialist
- ♦ Postgraduate Certificate in Nursing
- ♦ Diploma in Business Nursing
- ♦ Professional Master's Degree in Prevention and Treatment of Addictive Behaviors
- ♦ Postgraduate Diploma in Pedagogical Aptitude (CAP)

Dr. Brasó Aznar, José Vicente

- ♦ Chief of Section of the Emergency Medicine Department at the La Ribera University Hospital.
- ♦ Hospital Emergency Physician
- ♦ Associate Professor of Emergency Medicine at the Faculty of Medicine of the University of Valencia.



04

Structure and Content

The structure of the contents has been designed by a team of professionals knowledgeable about the implications of specializing in daily nursing practice in respiratory emergencies in Primary Care, aware of the relevance of current specialization in order to be able to act in the patient with urgent pathology and committed to quality teaching through new educational technologies.





“

This Postgraduate Certificate in Nursing in Respiratory Emergencies in Primary Care contains the most complete and up to date scientific program in the market"

Module 1. Respiratory Emergencies

- 1.1. Acute Dyspnea
- 1.2. Acute Chronic Obstructive Pulmonary Disease (COPD)
- 1.3. Acute Bronchial Asthma
- 1.4. Pneumonia
- 1.5. Pneumothorax
- 1.6. Pulmonary Thromboembolism (PTE)
- 1.7. Hemoptysis
- 1.8. Workshop: Non-Invasive Mechanical Ventilation BiPap





“

Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice”

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.



“

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

At TECH Nursing School we use the Case Method

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

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



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

“

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

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

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



Relearning Methodology

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

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



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

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

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

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

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

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



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



Study Material

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

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



Nursing Techniques and Procedures on Video

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



Interactive Summaries

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

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



Additional Reading

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





Expert-Led Case Studies and Case Analysis

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



Testing & Retesting

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



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

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



06

Certificate

The Postgraduate Certificate in Nursing in Respiratory Emergencies in Primary Care guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





“

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

This **Postgraduate Certificate in Nursing in Respiratory Emergencies in Primary Care** contains the most complete and up-to-date scientific 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 diploma 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 in Respiratory Emergencies in Primary Care**

Modality: **online**

Duration: **6 weeks**



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



Postgraduate Certificate
Nursing in Respiratory
Emergencies in Primary Care

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate

Nursing in Respiratory Emergencies in Primary Care