

# Postgraduate Certificate Tracheostomized Patient Care in Nursing





## Postgraduate Certificate Tracheostomized Patient Care in Nursing

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 5 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/nursing/postgraduate-certificate/tracheostomized-patient-care-nursing](http://www.techtute.com/us/nursing/postgraduate-certificate/tracheostomized-patient-care-nursing)

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# 01

# Introduction

This program on Tracheostomized Patient Care in Nursing seeks to update nurses interested in current respiratory therapies, which will allow them to acquire new therapeutic skills and techniques, apply them in their clinical practice, and contribute to the development of new research. Patients undergoing respiratory treatment require proper therapeutic compliance, and nursing staff are responsible for empowering these patients and providing them with individualized care; all tools that this program provides to achieve excellence in care.





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*The Postgraduate Certificate in Tracheostomized Patient Care in Nursing contains the most complete and up-to-date scientific program on the market”*



A tracheostomy is a procedure in which an opening is made in the anterior wall of the trachea and a safe airway is created. The healthcare professional in charge of care of the tracheostomized patient must, therefore, be an empathetic, skilled and rigorously qualified person. For this task, the professional requires an exceptional approach and preparation to ensure that their patient management is impeccable.

Because of this, the Postgraduate Certificate covers in depth all aspects on which students must focus in order to ensure continuous improvement in their professional work as they learn to identify the different types of cannulae and their handling in each particular situation. In the same way, a study of the maintenance and cleaning techniques of the instruments is proposed, without ever leaving aside correct application of a nursing care plan in the tracheostomized patient using different types of therapies.

This program is, therefore, focused on the quality of care provided for Tracheostomized Patients by nurses. This Postgraduate Certificate will provide graduates with the necessary competencies, skills and knowledge of vital importance so that upon completion, they will be specialists mastering this sector.

All this through a 100% online program that allows professionals to study where and when they desire and using any device with an Internet connection. That way, they will not have to neglect their professional and personal obligations in order to continue their studies and become first class nurses.

The **Postgraduate Certificate in Tracheostomized Patient Care in Nursing** contains the most complete and up-to-date scientific program on the market. Its most important features include:

- ♦ Development of clinical cases presented by experts in related, multidisciplinary areas
- ♦ Graphic, schematic, and practical contents created in order to provide scientific and practical information on those disciplines that are essential for professional practice
- ♦ New developments Tracheostomized Patient Care in Nursing
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ Special emphasis on evidence-based nursing and research methodologies as applied to Tracheostomized Patient Care in Nursing
- ♦ 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



*Expand your abilities in the approach to Tracheostomized Patient Care in Nursing through this program"*

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*This program is the best investment you can make in selecting a refresher program, for two reasons: in addition to updating your knowledge of Tracheostomized Patient Care in Nursing, you will earn a Postgraduate Certificate from TECH Global University"*

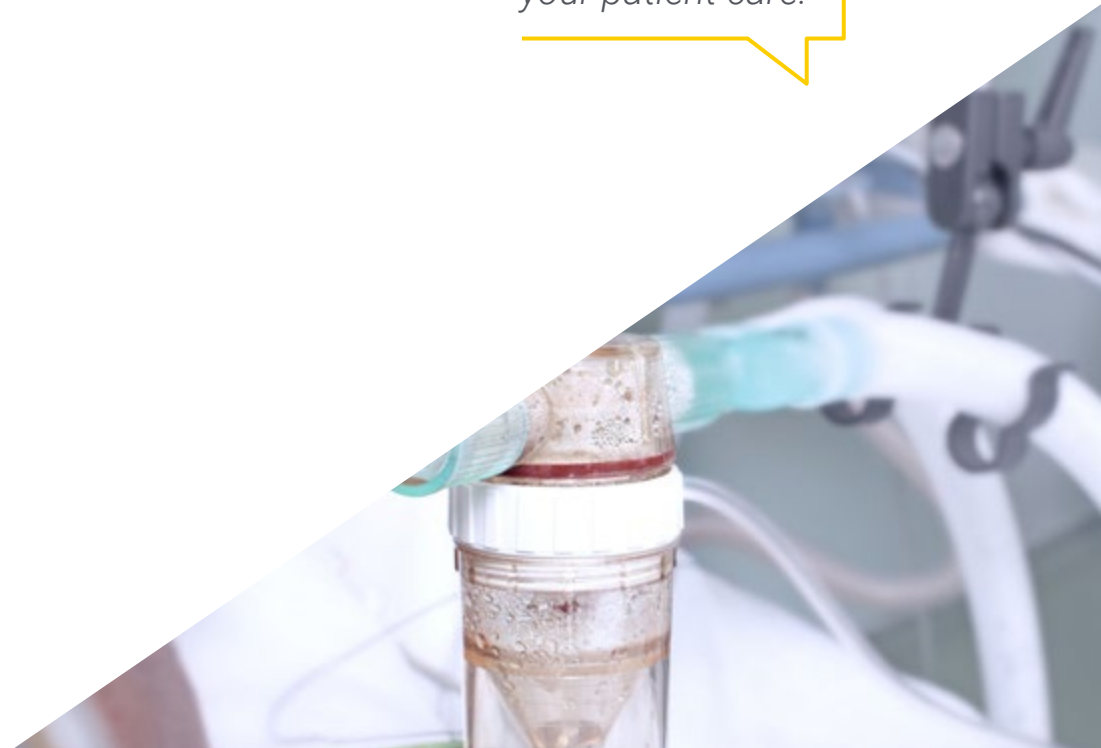
Its teaching staff includes health professionals in the field of care of the Tracheostomized Patient in Nursing who bring the experience of their work to this Postgraduate Certificate, in addition to recognized specialists belonging to leading scientific societies.

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

*Increase your decision-making confidence by bringing your knowledge up to date through this Postgraduate Certificate in Tracheostomized Patient Care in Nursing.*

*Don't miss out on the opportunity to update your knowledge in Tracheostomized Patient Care in Nursing, in order to improve your patient care.*



02

# Objectives

The main objective of the program is to develop theoretical and practical learning, so that the nurse can achieve practical and rigorous mastery of Tracheostomized Patient Care in Nursing through specialized studies.





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



## General Objectives

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- ◆ Acquire up-to-date knowledge of existing respiratory therapies in which nursing staff is involved
- ◆ Promote strategies to provide individualized quality care for respiratory patients and to serve as a basis for achieving excellence in care
- ◆ Provide technical skills in respiratory therapies through audiovisual means and the presentation of quality clinical cases
- ◆ Encourage professional mastery through continuing specialization and research



*Make the most of this opportunity and get up to date on the latest developments in Tracheostomized Patient Care in Nursing”*





## Specific Objectives

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- ◆ Describe the types of tracheostomy, as well as their indications, contraindications and complications
- ◆ Know the different types of tracheostomy cannulae, their components and the criteria for selecting the appropriate size for each patient
- ◆ Increase your knowledge about required care for tracheostomized patients
- ◆ Master the technique for cleaning and changing the tracheostomy cannula
- ◆ Learn to perform the secretion aspiration technique for tracheostomized patients
- ◆ Learn the appropriate physical therapy respiratory techniques for tracheostomized patients
- ◆ Describe the educational needs of tracheostomized patients
- ◆ In-depth study of techniques used to apply aerosol therapy, oxygen therapy or mechanical ventilation with tracheostomized patients
- ◆ Describe the procedure for decannulation in tracheostomized patients
- ◆ Be familiar with the nursing care plan for tracheostomized patients

03

# Course Management

This program includes in its teaching staff recognized health professionals in the field of Tracheostomized Patient Care in Nursing who contribute to this Postgraduate Certificate with the experience of their work.

In addition, renowned specialists, members of prestigious national and international scientific communities, are involved in designing and preparing the program.







*Learn about the latest advances in procedures for Tracheostomized Patient Care in Nursing from leading professionals"*



## Guest Director



### Dr. Amado Canillas, Javier

- ♦ Nursing Supervisor at 12 de Octubre H. Hospitalization of Pneumology Endocrinology and Rheumatology
- ♦ Associate Professor of Health Sciences at the Complutense University of Madrid: Associate Clinician of Medical-Surgical Nursing
- ♦ Evaluator of teaching activities for the Technical Secretariat of the Directorate General of Planning, Research and Training of the Community of Madrid
- ♦ PhD "Outstanding Cum Laude, Complutense University of Madrid, 2014
- ♦ Degree in Nursing and Master's Degree in Research in Care from the Complutense University of Madrid
- ♦ Bachelor's Degree in Computer Science IT, Complutense University
- ♦ Currently studying a PhD in Audiovisual Communication at the Complutense University
- ♦ More than 10,000 accredited teaching hours as a professor of specialized care for different organizations, in particular the Nursing College of Madrid and FUDEN

## Co-Direction



### Ms. Santamarina López, Ana

- ♦ Nurse with extensive experience in home respiratory therapy
- ♦ Graduate in Nurses Medicine from the University of Leon, Spain
- ♦ Postgraduate Diploma in Digital Teaching in Nursing, CEU Cardenal Herrera University
- ♦ Master's Degree in Research in Dental Sciences, (University of León)

## Professors

### Ms. Castaño Menéndez, Alba

- ♦ UCRI (Intermediate Respiratory Care Unit) at 12 Octubre University Hospital
- ♦ Bachelor's Degree in Nursing, Complutense University, Madrid
- ♦ Postgraduate Diploma in Respiratory Patient Care of FUDEN Graduate School of Postgraduate Studies
- ♦ Nurse in home respiratory therapies, MMNI, MMI Completing TRD at the 12 de Octubre University Hospital
- ♦ Emergency Department and Internal Medicine at San Carlos Clinical University Hospital

### Ms. Almeida Calderero, Cristina

- ♦ Pneumology, Endocrine and Rheumatology Service, 12 de Octubre University Hospital, Madrid
- ♦ University Diploma in Nursing University of Salamanca
- ♦ University Diploma in Occupational Therapy University of Salamanca
- ♦ Collaborator of the Faculty of Nursing, Physiotherapy and Podiatry at the Complutense University of Madrid
- ♦ Pediatric Surgical Unit Gregorio Marañón Maternity Hospital, Madrid
- ♦ Intensive Care Unit. Clinical University Hospital Salamanca
- ♦ Surgical Resuscitation Unit Clinical University Hospital Salamanca
- ♦ Nurse in Primary Care in Health Center in Salamanca

### Ms. De Prado de Cima, Silvia

- ♦ Graduate in Physiotherapy from the University of Valladolid, Spain
- ♦ Master's Degree in Thoracic Physiotherapy by Gimbernat and Tomás Cerdà University (Campus Sant Cugat)
- ♦ Physiotherapist in home respiratory therapies

### Ms. García Vañes, Cristina

- ♦ Graduate in Nurses Medicine from the University of Cantabria, Spain
- ♦ Nurse in home respiratory therapies

### Ms. Rojo Rojo, Angélica

- ♦ Graduate in Nurses Medicine from the University of Valladolid, Spain
- ♦ Postgraduate Diploma in Nursing in the Integral Care of Respiratory Patients
- ♦ Nurse in home respiratory therapies

### Mr. Amado Durán, Alfredo

- ♦ Diploma in Physiotherapy from the European University
- ♦ Móstoles Hospital, Madrid Clinical training: cervical spine treatment
- ♦ Traditional Thai Massage Training at Wat Po School of Traditional Medicine Bangkok, Thailand
- ♦ Degree in Nursing from the European University
- ♦ Master's Degree in Osteopathy, Belgian College of Osteopathy, FBO First, Structural
- ♦ Consultations in Chembenyumba, Mayotte
- ♦ Consultations en Sainte Suzanne Reunión Island
- ♦ Consultations at the Frejus-Saint-Raphael Hospital Frejus, France

### Ms. García Pérez, Silvia

- ♦ Pneumology, Endocrine and Rheumatology Service, 12 de Octubre University Hospital, Madrid
- ♦ Senior Technician in Dietetics and Nutrition I.E.S San Roque Madrid
- ♦ Certificate in Nursing from the Complutense University, Madrid
- ♦ Nuclear Medicine Service at the 12 de Octubre University Hospital, Madrid
- ♦ Neurosurgery Department, 12 de Octubre University Hospital, Madrid.
- ♦ UCI and Pediatrics Service, 12 de Octubre University Hospital, Madrid
- ♦ Member of teaching staff at the Faculty of Nursing, Physiotherapy and Podiatry, Complutense University, Madrid, for clinical practice sessions of the Nursing degree

04

# Structure and Content

The syllabus has been designed by a team of professionals who recognize the importance of specialization for daily nursing practices, are aware of the relevance of current programs to treat pediatric patients with learning difficulties or mental disorders, and are committed to quality teaching using new educational technologies.



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## Module 1. Tracheostomized Patient

- 1.1. Fundamentals of Tracheostomy
  - 1.1.1. Definition
  - 1.1.2. Types of Tracheostomy
  - 1.1.3. Indications and Contraindications
  - 1.1.4. Complications
- 1.2. Tracheostomy Cannulae
  - 1.2.1. Types of Cannulae
  - 1.2.2. Cannula Components
  - 1.2.3. Cannula Caliber Selection Criteria
- 1.3. Care of Tracheostomized Patients
  - 1.3.1. Preoperative Care
  - 1.3.2. Stoma Care
  - 1.3.3. Cannula Cleaning
  - 1.3.4. Changing Cannulae
  - 1.3.5. Secretion Aspirator
  - 1.3.6. Respiratory Physiotherapy
- 1.4. Tracheostomized Patient Education
  - 1.4.1. Inspired Air Humidification Systems
  - 1.4.2. Phonation
  - 1.4.3. Nutrition and Hydration
  - 1.4.4. Prevention of Respiratory Tract Infection
- 1.5. Respiratory Therapies for Tracheostomized Patients
  - 1.5.1. Aerosol Therapy
  - 1.5.2. Oxygen Therapy
  - 1.5.3. Mechanical Ventilation
- 1.6. Decannulation
  - 1.6.1. Decannulation Procedure
  - 1.6.2. Patient Education
- 1.7. Nursing Care Plan for Tracheostomized Patients
  - 1.7.1. NANDA Diagnosis
  - 1.7.2. Nursing Outcomes and Interventions







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

# 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.



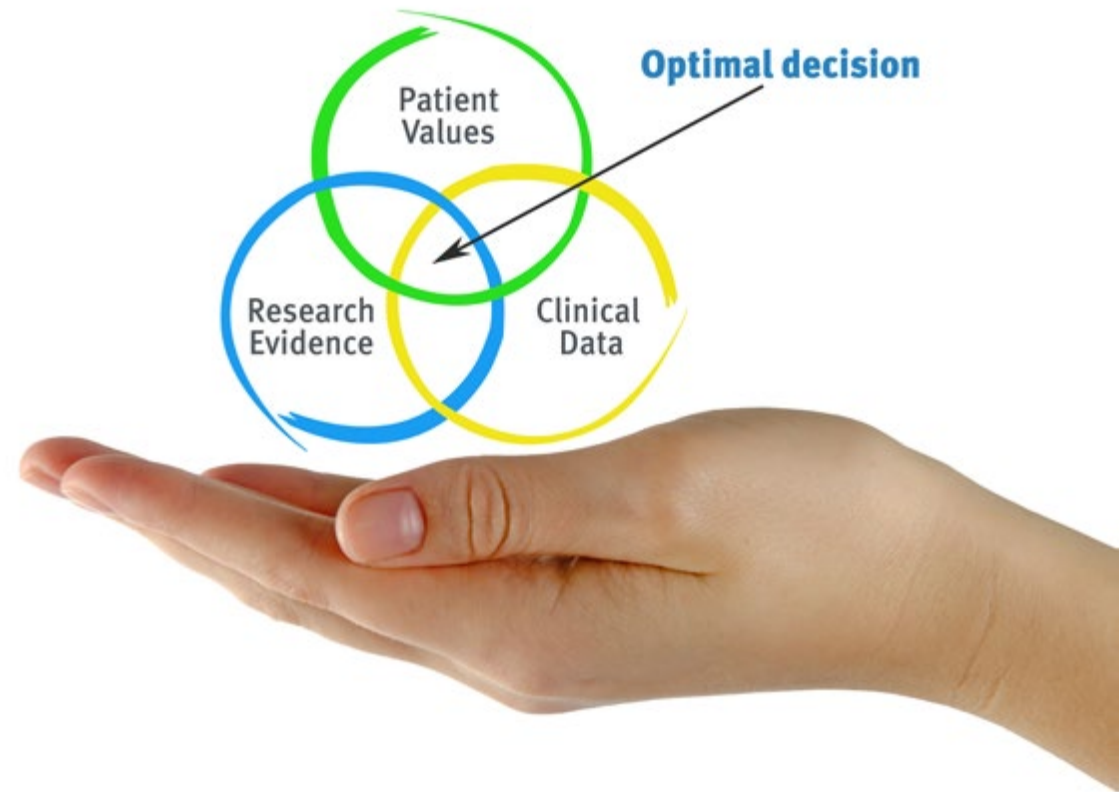
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## 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

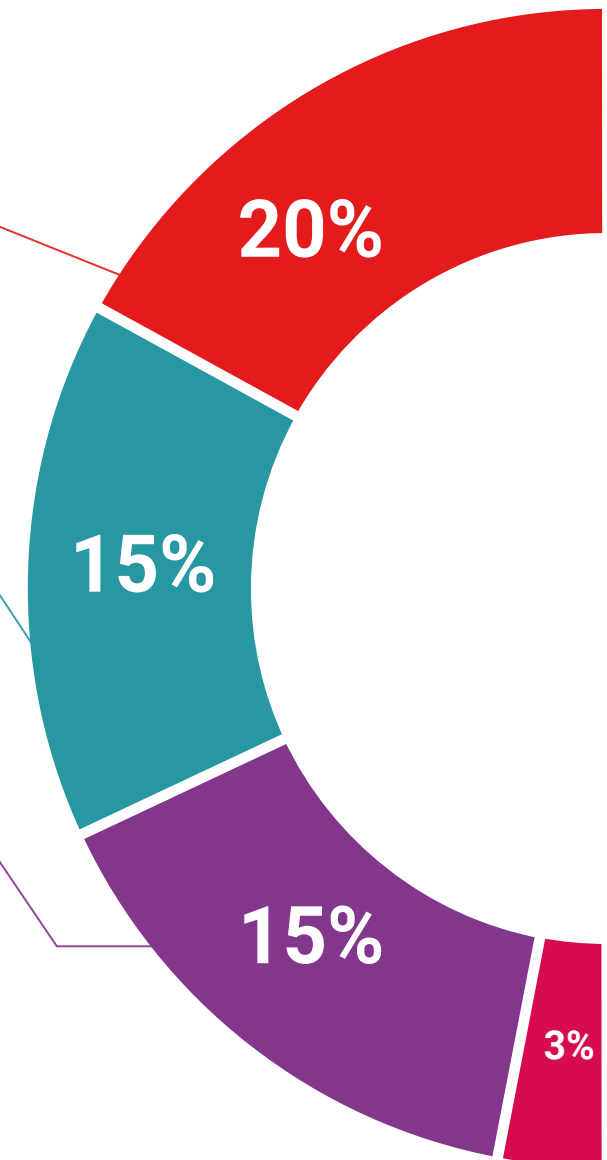
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 Advanced Practice Nursing in Digestive Tract, Endocrinology and Nutrition guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.







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

This program will allow you to obtain your **Postgraduate Certificate in Tracheostomized Patient Care in 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** title 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 Certificate in Tracheostomized Patient Care in Nursing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **5 ECTS**



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



**Postgraduate Certificate**  
Tracheostomized  
Patient Care in Nursing

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