Postgraduate Certificate
Advanced Nursing Care of the Digestive Patient

tech technological university

Postgraduate Certificate
Advanced Nursing Care of the Digestive Patient

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

Website: **www.techtitute.com/pk/nursing/postgraduate-certificate/advanced-nursing-care-digestive-patient**

Index

01

Introduction

The nutritional status of hospital patients is one of the main concerns when they are admitted. Changes in the patient's metabolism, as well as in their dietary routine, can cause imbalances that end up seriously affecting their health in addition to the original reasons for their transfer to the ICU. For this reason, nursing professionals must carry out a detailed analysis of their situation, as well as their clinical picture, determining nutrition plans adapted to their needs and those derived from the pathology they suffer. And to keep up to date with the latest trends in monitoring and digestive and nutritional support, you can count on this 100% online program that TECH has designed for a complete and intensive update.

You will work on a thorough and rigorous update for nursing care in digestive disorders such as metabolic, gastrointestinal and endocrine disorders through 150 hours of the best content"

The nutritional casuistry of the patient admitted to the Intensive Care Unit may vary according to his state of health, the characteristics of the pathology he suffers, the therapeutic indications to which he is subjected... However, it is essential for the nursing professional to carry out a detailed study of their conditions, establishing the dietary guidelines that best suit their needs. Changes in metabolism caused by stress, alteration of routine or malnutrition are likely to trigger side effects that can end up aggravating health and causing the emergence of new pathologies.

In order to keep abreast of the latest developments in monitoring and digestive and nutritional support in the advanced care of such cases, TECH and its team of ICU nurses have developed this Postgraduate Certificate. Through a thorough analysis of the current hospital context, they have designed a program that includes the latest developments concerning the indications and nutritional considerations according to the patient's needs. In addition, it will delve into the requirements of different diseases, as well as the recommended clinical guidelines to establish feeding patterns according to the deficiencies they generate.

All this through 150 hours of the best theoretical, practical and additional content, the latter presented in different formats: images, detailed videos, research articles, news, practical and self-assessment exercises, dynamic summaries, diagrams, and much more! In addition, its convenient 100% online presentation will provide flexibility and convenience, allowing you to access the course from wherever and whenever you want, without schedules, limits or face-to-face classes and through any device with an internet connection. Thanks to this, you will be able to update and improve your nursing practice with the support of a teaching team of the highest level, the best content and the endorsement of the largest online university in the world.

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

- The development of practical case studies presented by experts in Intensive Care Nursing
- 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
- Practical exercises where self-assessment can be used to improve learning
- Its special emphasis on innovative methodologies
- 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 course of this Postgraduate Certificate will allow you to improve your skills in acting diligently and effectively in situations of pressure and high demands"

You will be able to access the course of this program from any device with internet connection, whether pc, tablet or mobile"

Would you like to learn about advances in nutritional assessment and the risk of malnutrition in critically ill patients? Enroll in this Postgraduate Certificate and do it in a comfortable way.

You will have the support of a teaching team of the highest level in the field of Intensive Care Nursing during the 6 weeks.

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

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

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

02
Objectives

Always offering the best academic experiences is TECH's top priority. Therefore, the design of this Postgraduate Certificate has been developed with the objective of making available to the Intensive Care nurse the most complete and comprehensive information related to monitoring and digestive and nutritional support of patients. Thus, they will be able to update their knowledge in an intensive, dynamic and effective way, allowing them to perfect their skills in the nutritional management of the multiple diseases that can be found in the ICU.

The mastery of the latest screening tools that you will gain from this program's course will enable you to hone your patient management skills"

General Objectives

- Synthesize data to inform the assessment of the Digestive patient
- Collect data to inform Digestive patient assessment
- Use data to inform Digestive patient assessment
- Plan care collaboratively and in a patient-centered manner
- Incorporate the latest evidence-based practice in critical care nursing
- Act effectively in pressurized and demanding situations
- Contextualize each action to the situation at hand

Specific Objectives

- Provide nursing care in gastrointestinal, metabolic and endocrine disorders
- Correctly recognize glucose disturbances
- Assess and implement nutritional support
- Initiate and carry out monitoring in everything related to and involving variables related to the patient's nutritional and metabolic status

Muscle and visceral ultrasound, bioelectrical impedance, biomarker interpretation... In this program you will find specific sections to update you on all nutritional management strategies in the ICU"

03
Course Management

Both the direction and the teaching team of this Postgraduate Certificate is formed by a group of the highest level within the area of Intensive Care Specialized Nursing. It is a group of professionals who are also versed in the nutritional management of patients with diverse profiles. During the 6 weeks in which the degree is developed, they will be available to the graduate to answer any questions that may arise during the academic experience, as well as to provide a variety of additional material.

If you have any questions during the course of the program you can contact the teaching team through the innovative academic platform that TECH offers"

Management

Ms. Fernández Lebrusán, Laura

- Nurse in the Medical ICU at the Puerta De Hierro Hospital
- ICU Nurse at the Hospital Universitario del Sureste
- Surgical ICU Nurse at Hospital General Universitario Gregorio Marañón
- ICU Nurse at the Hospital Quirón Salud
- Associate Teacher at the University Francisco of Vitoria
- Graduate in Nursing at the Francisco de Vitoria University
- Professional Master's Degree in Critical Care and Intrahospital Emergency Care
- HEMS Specialist (Helicopter Emergency Medical Services), University of Alicante
- Advanced Clinical Simulation Instructor by Francisco de Vitoria University

Professors

Ms. López Álvarez, Ana María

- Nurse in the Intensive Care Unit of La Paz University Hospital
- Nurse in the 3rd Resuscitation Unit of General Surgery, Maxillofacial, Neurosurgery, Urological H. La Paz
- Nurse in the Intensive Care Unit, H. Puerta de Hierro H. La Paz
- Nurse in the General Surgery Unit H. La Paz Hospital
- Instructor of ICU Simulation in UFV
- Postgraduate Certificate in Nursing at the University School of Nursing Puerta de Hierro (UAM)

Ms. Alonso Hernández, Vanesa

- Nurse in UCI Henares University Hospital
- Nurse in Clinical Analysis Laboratory at Labipah, S.A
- Nurse in the Intensive Care Unit at the Puerta de Asturias University Hospital
- National Cardiopulmonary Resuscitation Plan of the Spanish Society of Intensive Care Medicine, Critical Care and Coronary Units
- Postgraduate Diploma from Nursing in Outpatient
- Postgraduate Certificate Nurse from the University of Alcalá, Spain

Ms. Sánchez Hernández, Mónica

- Nurse in the Post-Surgical Critical Care Unit (UCPQ) at the "Puerta de Hierro" Majadahonda University Hospital
- Responsible for Patient Safety and referral nurse in Chronic Wound Care
- Nurse in Primary Care substitutes in several Area V Centers
- Collaborating Nurse in the Center for Vascular Ulcer Cures (CCUV)
- Clinical teaching collaborator at the UAM
- Postgraduate Certificate in Nursing from the Escuela Universitaria de Enfermería Puerta de Hierro, a center attached to the Universidad Autónoma de Madrid
- Member of: Commission of Dermal Ulcers. Commission of Pressure Ulcers and Chronic Wounds

Mr. Buenavida Camarero, Javier

- Nurse in the Medical ICU of the Hospital Universitario Puerta de Hierro Majadahonda
- Nurse at Móstoles University Hospital
- Nurse at University Hospital of Getafe
- Professional Master's Degree in Critical Illness and Emergencies given by the University of Barcelona

04
Structure and Content

TECH is a reference in the academic panorama for its pioneering use of the effective and innovative Relearning methodology. This is a pedagogical strategy that consists of reiterating the most important concepts of the program throughout the syllabus, favoring the updating of knowledge in a natural and progressive way, without the need to invest extra hours in memorizing. In addition, it is supported by dozens of hours of additional multidisciplinary material, which facilitates the fixation of information and, therefore, makes the degree course a dynamic and effective experience.

You will be able to download the entire content on any device with an internet connection for offline consultation or when you have finished the Postgraduate Certificate"

Module 1. Digestive and nutritional monitoring and support. Advanced care of the patient with digestive-nutritional problems

1.1. Indications and nutritional considerations according to the patient's needs
   1.1.1. Selection of the access route for TMN according to the patient's characteristics
   1.1.2. Application
   1.1.3. Early implantation of nutrition in the critically ill patient
1.2. Types of Nutrition
   1.2.1. Enteral Nutrition
   1.2.2. Parenteral Nutrition
   1.2.3. Mixed nutrition
1.3. Enteral nutrition devices
   1.3.1. SNG/SOG
   1.3.2. PEG
   1.3.3. Nursing Care
1.4. Nutritional assessment and risk of malnutrition in the critically ill patient
   1.4.1. Classification
   1.4.2. Screening tools
   1.4.3. Nutritional Supplements
1.5. Monitoring and follow-up of nutritional treatment
   1.5.1. Bioelectrical impedance
   1.5.2. Muscle and visceral ultrasound
   1.5.3. Caloric-protein requirements
1.6. Dysphagia and other problems associated with the critically ill patient
   1.6.1. Early Prevention and Detection
   1.6.2. Types of dysphagia Prospective Foresight
   1.6.3. Associated Complications
1.7. Metabolism in the critically ill patient
   1.7.1. Metabolic response to stress
   1.7.2. Biomarkers
   1.7.3. Morphofunctional assessment of the critically ill patient

1.8.   Management and monitoring of nutritional therapy in special situations
    1.8.1.   Glycemic control in the ICU
    1.8.2.   Patients with hemodynamic instability
    1.8.3.   Patients with ARDS or prone position
    1.8.4.   Traumatic/critically burned patient
1.9.   Monitoring for efficacy and safety of nutritional support
    1.9.1.   Importance of biochemical monitoring
    1.9.2.   Most important monitoring parameters
    1.9.3.   Refeeding Syndrome
1.10.   Elimination devices: Flexi-seal
    1.10.1.   Indications and Contraindications
    1.10.2.   Handling and implantation
    1.10.3.   Nursing care

A program designed by and for the best experts in ICU nursing, so that you can perfect your patient care and provide management based on the latest clinical trends"

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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

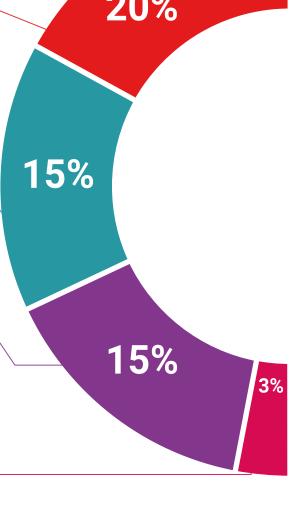### Nursing Techniques and Procedures on Video

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.

20%

15%

15%

3%

20%

17%

7%

3%

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.

Certificate

The Postgraduate Certificate in Advanced Nursing Care of the Digestive Patient 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 Advanced Nursing Care of the Digestive Patient** 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 Advanced Nursing Care of the Digestive Patient**
Official Nº of Hours: **150 h.**

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Awards the following

CERTIFICATE
to

Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE CERTIFICATE
in

Advanced Nursing Care of the Digestive Patient

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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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