Postgraduate Certificate

Public Health and Infectious Disease in the Emergency Department for Nursing

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Postgraduate Certificate
Public Health and Infectious Disease in the Emergency Department for Nursing

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

Website: **www.techtitute.com/in/nursing/postgraduate-certificate/public-health-infectious-disease-emergency-department-nursing**

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01
Introduction

Infectious diseases can become a serious problem for society, which is why public health measures must be taken to curb contagion. This program has been specifically designed for nurses to learn the main protocols to be taken into account when treating infectious pathologies.

We offer you a unique specialization due to two fundamental aspects: the quality of the teaching staff and the updating of the academic program. If you want to enhance your training, don't miss this opportunity"

Rapidly contagious infectious diseases, which can affect a large number of the population, require specific action protocols to be carried out by healthcare professionals. These Public Health measures must be complied at 100%, as this is the only way to protect both patients and healthcare workers.

Therefore, this program has been designed to offer a broad knowledge in this field, so that professionals know how to act at all times. Specifically, the syllabus deals with aspects as varied as: isolation protocols, notifiable diseases and urgent notification to Public Health or epidemiological outbreaks, among other aspects.

Thus, this very complete training, which has been developed by a team of specialists in the field, will help students to improve their professional skills, obtaining a superior training that will allow them to achieve professional success.

In addition, this program has the advantage that, as it is a 100% online specialization, the professionals will be able to decide when and from where to study, without commitments or obligations, thus being able to combine their study time with the rest of their daily obligations.

This **Postgraduate Certificate in Public Health and Infectious Disease in the Emergency Department for Nursing** contains the most complete and up-to-date scientific program on the market. The most outstanding features of this program are:

- The development of clinical cases presented by experts in the field
- 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
- Therapeutic developments on intervention in Infectious Diseases
- Practical exercises where to carry out the self-assessment process to improve learning
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- Its special emphasis on research 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

A high-level education that will empower you to achieve professional success"

This Postgraduate Certificate is the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Public Health and Infectious Diseases in the Emergency Department, you will obtain a certificate from the largest Digital University in the world: TECH"

It includes, in its teaching staff, professionals belonging to the field of nursing, who pour into this training the experience of their work, in addition to recognized specialists belonging to scientific societies of reference.

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 an immersive training experience designed to train for real-life situations.

The design of this program focuses on Problem-Based Learning, by means of which the nurse must try to solve the different professional practice situations that arise throughout the academic program. To do so, the professional will be assisted by an innovative interactive video system developed by renowned experts in Public Health and Infectious Diseases, with extensive teaching experience.

Increase your decision-making confidence by updating your knowledge through this Postgraduate Certificate.

We offer you the best teaching methodology and a multitude of practical cases that will make your study easier.

02

Objectives

The Postgraduate Certificate in Public Health and Infectious Disease in the Emergency Department for Nursing is aimed at facilitating the performance of the nurse dedicated to the treatment of urgent infectious pathology in all areas, but especially in the Emergency Department.

Specialize with the use of the latest educational technology, to contribute with quality and safety to decision making and patient care"

General Objectives

- Provide the theoretical knowledge necessary to understand the environment in which professional care is given to patients with infectious diseases
- Provide the appropriate treatment in the different cases of infectious diseases
- Gain in-depth understanding of the areas in which professionals must be trained, in order for them to be able to provide the best practice when treating infectious diseases

Make the most of the opportunity and take the step to get up to date on the latest developments in Public Health and Infectious Disease in the Emergency Department for Nursing"

Specific Objectives

- Describe the action protocols in cases of specific exposure
- Describe the established isolation protocols
- Explain the current indications of exclusion or isolation
- Describe notifiable diseases
- Explain the procedure for emergency declaration to Public Health
- Describe the action protocol for epidemiological outbreaks
- Describe imported pathology, as well as pathology with high contagious capacity
- Describe the seasonal epidemiological parameters in the most common infections in the community
- Explain epidemic outbreaks and common sources with punctual, continuous, propagative and mixed exposure
- Define the post-exposure prophylaxis that is initiated in the emergency department
- Describe the process to follow in the case of Bacterial Meningitis
- Describe the process to follow in the case of HIV Infection
- Describe the process to follow in the case of Sexual Assault
- Describe the process to follow in the case of Rabies

03
Course Management

The program includes in its teaching staff reference specialists in Public Health and Infectious Disease in the Emergency Department for Nursing and other related areas, who pour into this specialization the experience of their work. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.

"
We have the best professionals of the moment on Infectious Diseases. Don't miss the opportunity to specialize with them"

Management

Dr. García del Toro, Miguel

- PhD in Medicine from the University of Valencia
- Head of the Infectious Diseases Unit at the General University Hospital Consortium of Valencia
- 50 national and international publications in journals and books, 33 of them indexed in Pubmed and/or Scopus
- President Congress of the National Group for the Study of Hepatitis of the Society of Infectious Diseases and Clinical Microbiology 2017
- More than 200 communications to National and International Congresses in the specialty of Infectious Diseases, HIV and Viral Hepatitis
- Main investigator of some twenty clinical trials and/or research projects

Ms. García Rodríguez, Magdalena

- Degree in Medicine and Surgery
- Specialist in Internal Medicine
- Attending Physician in the Infectious Diseases Unit and the Consorcio General Hospital Valencia
- Head of the International Health and Travel Advice Section
- Author of several publication and research projects
- Founding member and advisor of the Chagas Disease Association of the Valencian Community
- Member of a vaccine study group for the Spanish Society of Infectious Diseases and Clinical Microbiology.
- Member of a Malaria study group for the Spanish Society of Infectious Diseases and Clinical Microbiology.

Ms. Ricart Olmos, María del Carmen

◆ Degree in Medicine and Surgery

◆ Specialist in Internal Medicine

◆ Attending Physician in the Infectious Diseases Unit and the Consorcio General University Hospital, Valencia

◆ Author of several publication and research projects

◆ Editor of the Consensus Document on Age and Human Immunodeficiency Virus Infection Expert Group of the Secretariat of the National AIDS Plan (SPNS), Spanish Society of Geriatrics and Gerontology (SEGG)

◆ Master's Degree in Infectious Diseases in Intensive Care

Structure and Content

The structure of the contents has been designed by a team of professionals from the best hospitals and universities, aware of the relevance of this specialization in order to intervene in the diagnosis, treatment and monitoring of infectious diseases in the Emergency Department and committed to quality teaching through new educational technologies.
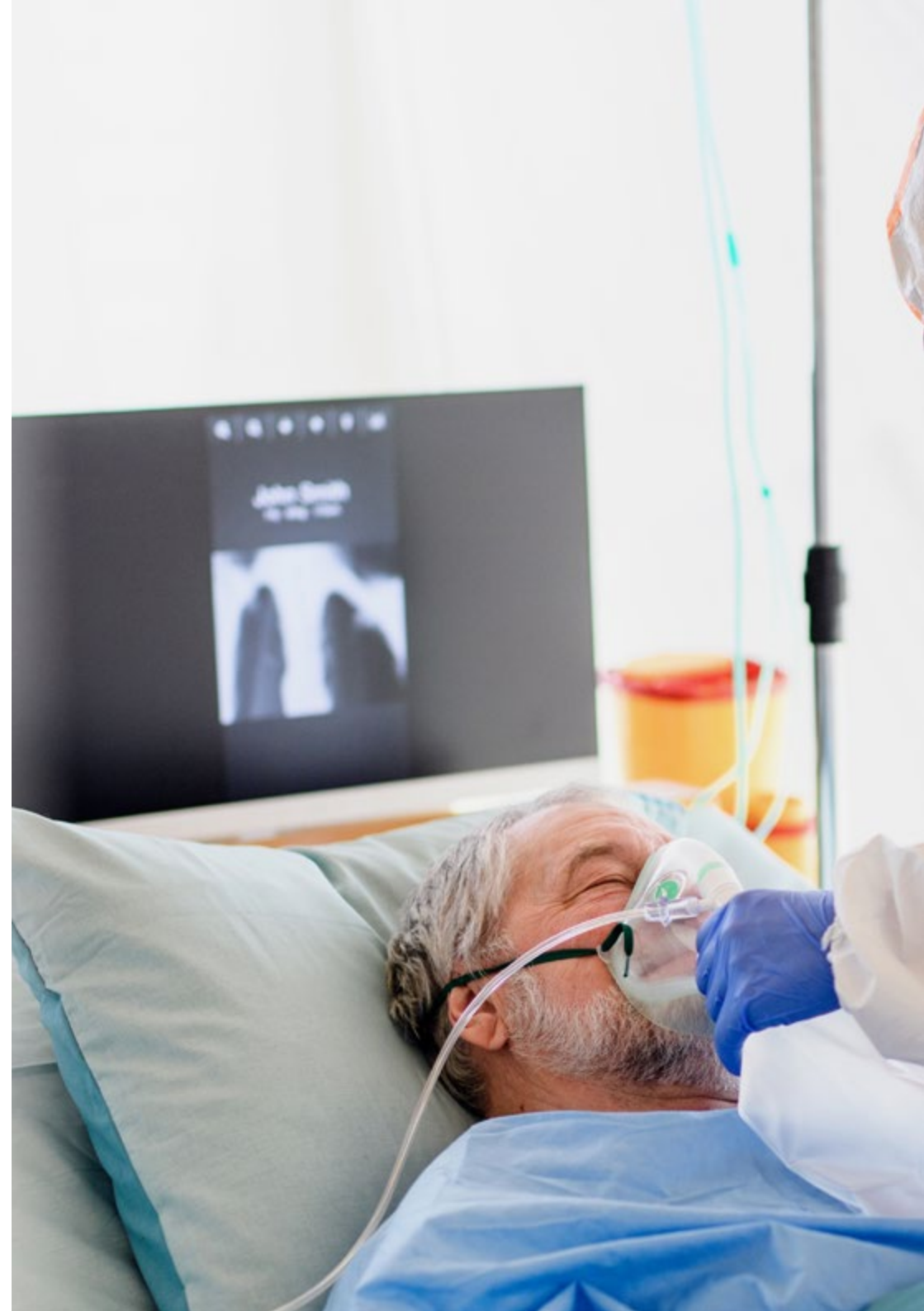
"

This Postgraduate Certificate contains the most complete and up-to-date scientific program on the market"

Module 1. Public Health and Infectious Disease in the Emergency Department

1.1.   Emergency Department Personnel
    1.1.1.   Initial Assessment
    1.1.2.   Vaccines
    1.1.3.   Action Protocols in Cases of Specific Exposure

1.2.   Established Protocols of Isolation
    1.2.1.   Types of Transmission and Methods of Isolation
    1.2.2.   Special Situations

1.3.   Notifiable Diseases and Urgent Declaration to Public Health
    1.3.1.   Concept of Notifiable Diseases
    1.3.2.   Surveillance of Notifiable Diseases

1.4.   Special Situations
    1.4.1.   Annual Flu
    1.4.2.   Epidemiological Outbreaks
    1.4.3.   Imported Pathology Possibility of Pathology with High Contagious Capacity

1.5.   Updates Epidemiological Outbreaks
    1.5.1.   Seasonal Epidemiological Parameters in the Most Common Infections in the Community
    1.5.2.   Epidemic Outbreak and Types of Source

1.6.   Post-exposure Prophylaxis that is Initiated in the Emergency Department
    1.6.1.   Bacterial Meningitis
    1.6.2.   HIV Infection
    1.6.3.   Sexual Assault
    1.6.4.   Rabies

" *A unique, key, and decisive 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.

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.

06

Certificate

The Postgraduate Certificate in Public Health and Infectious Disease in the Emergency Department for Nursing guarantees, in addition to the most rigorous and up-to-date training, access to a certificate issued by TECH Technological University.

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

This **Postgraduate Certificate in Public Health and Infectious Disease in the Emergency Department for Nursing** 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 diploma** issued by TECH**Technological University** via tracked delivery*.

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

Title: **Postgraduate Certificate in Public Health and Infectious Disease in the Emergency Department for Nursing**

Official Nº of Hours: **125 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
Public Health and Infectious Disease
in the Emergency Department for Nursing

This is a qualification awarded by this University, equivalent to 125 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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