

Postgraduate Certificate

Imported Infectious Diseases in the
Emergency Department for Nursing





Postgraduate Certificate Imported Infectious Diseases in the Emergency Department for Nursing

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

Website: www.techtute.com/us/nursing/postgraduate-certificate/imported-infectious-diseases-emergency-department-nursing

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01

Introduction

Globalization has favored communication and exchange between all countries, but it has also brought with it the possibility that diseases unknown in some places may appear for no apparent reason, simply because of the international mobility of citizens. Therefore, in these circumstances, it is necessary for nurses to specialize in cases such as those described. With this specialization TECH offers the student the opportunity to expand their knowledge in Imported Infectious Diseases in the Emergency Department for Nursing so that the student can improve in the care of their patients.



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Highly trained nurses will have greater opportunities to provide quality care to their patients. Don't think twice and expand your skills with us"

As in most specialties, in the case of infectious pathology, the performance of the nurse in the Emergency Department is sometimes complex and, on many occasions, decisive in the course of the disease. Therefore, the importance of a quality specialization in this field is absolutely necessary in order to be up to date with the main developments in the field.

In addition, it is necessary to take into account that, on numerous occasions, nurses must face pathologies that they had not seen before. This is especially true for imported infectious diseases which, by their very nature, do not develop naturally in all parts of the world. However, human mobility, favored by better transport conditions and mass tourism, means that health care workers, regardless of the country in which they work, may encounter patients with these pathologies.

This Postgraduate Certificate deals in depth with the professional's actions in relation to infectious diseases in Emergency Departments from the point of view of early diagnosis and treatment, often empirical, but it will also include an update on imported pathology, especially in those entities that require urgent action and/or present a potential transmission capacity in our environment.

And, of course, the focus is on the main diseases affecting both residents traveling to exotic places and immigrants moving to other places, with a focus on tropical diseases such as malaria.

On the other hand, being a 100% online training, the professional will have the ability 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 Imported Infectious Diseases 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 Imported Infectious Diseases
- ♦ 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 the intervention in these 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 highly academic program that has been designed to specialize you in this field, improving the care of your patients"

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This Postgraduate Certificate is the best investment you can make in selecting a refresher program for two reasons: in addition to updating your knowledge of Imported Infectious Diseases in the Emergency Department for Nursing, you will obtain a certificate endorsed from TECH”

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

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 year. For this, the professional will be assisted by a novel interactive video system developed by recognized experts in the field of Imported Infectious Diseases in the Emergency Department for Nursing and with extensive teaching experience.

Take the opportunity to learn about the latest advances in Infectious Diseases in the Emergency Department for Nursing and improve the care of your patients.

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



02 Objectives

The Postgraduate Certificate in Infectious Diseases 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.





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We offer you a complete program that will allow you to update in a comfortable way and with total guarantees of success"



General Objectives

- Provide the necessary theoretical knowledge to be able to understand the environment in which the professional activity is developed to care for fetuses 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 dealing with fetuses, children and adolescents with heart disease, both congenital and acquired





Specific Objectives

- ♦ Define the concept of globalization and emerging pathology
- ♦ Define the geography of the tropical infectious diseases
- ♦ Explain the epidemiology of tropical infectious diseases in travelers, immigrants and VFRs
- ♦ Explain the anamnesis of a traveler with fever in the emergency department
- ♦ Explain the possible causes of fever after staying in a tropical or subtropical area
- ♦ Perform syndrome classification of imported infectious pathology
- ♦ Define imported tropical infectious diseases of special interest

Acquire the most up to date knowledge in this field of work and apply advanced protocols in this intervention in your day to day work.

03

Course Management

The program includes in its teaching staff reference specialists in Imported Infectious Diseases 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.

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We have a team of professionals with extensive experience that will help you during your educational process”

Management



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 the Spanish Malaria Study Group of the Spanish Society of Tropical Medicine and International Health

Professors

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

Mr. 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 about twenty Clinical Trials and/or Research Projects



04

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 treatment and monitoring of imported Infectious Diseases in the Emergency Department for Nursing, and committed to quality teaching through new educational technologies.




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

Module 1. Imported Infectious Diseases in the Emergency Department for Nursing

- 1.1. Introduction to Imported Pathology
 - 1.1.1. Imported Pathology of Special Interest
 - 1.1.1.1. Chagas Disease
 - 1.1.1.2. Dengue
 - 1.1.1.3. Chikungunya
 - 1.1.1.4. Malaria
- 1.2. Globalization and Emerging Pathology
 - 1.2.1. Emerging and Re-emerging Diseases
 - 1.2.2. Main Causes of Emergency in Infectious Diseases
 - 1.2.3. Transmission
 - 1.2.4. Zoonotic
 - 1.2.5. Future Previsions
- 1.3. Geography of Tropical Infectious Diseases
 - 1.3.1. Subspecialties of Medical Geography
 - 1.3.2. Relevance and Relationship to Tropical Diseases
 - 1.3.3. Main Infectious Diseases According to Area
- 1.4. Epidemiology of Tropical Infectious Diseases in Travelers, Immigrants and VFR
 - 1.4.1. Importance
 - 1.4.2. Epidemiological Characteristics of Immigrants
 - 1.4.3. Epidemiological Characteristics of People Traveling to the Tropics
 - 1.4.4. Epidemiological Characteristics of VFRs
 - 1.4.5. Data on Imported Pathology in Spain
- 1.5. Anamnesis of a Traveler with Fever in the Emergency Department
 - 1.5.1. Initial Approximation of a Traveler with Fever
 - 1.5.2. Differential Diagnosis
 - 1.5.3. Treatment of a Traveler with Fever



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- A close-up photograph of human skin. A small, circular, yellowish lesion is visible on the left side. A thin, metallic medical instrument is partially visible on the left edge of the frame. The skin has a natural texture and some minor blemishes.
- 1.6. Fever After Staying in a Tropical and / or Subtropical Area
 - 1.6.1. Importance of Good Anamnesis
 - 1.6.2. Investigation of Possible Vectors
 - 1.6.3. Fever of Parasitic Origin
 - 1.6.4. Fever of Viral Origin
 - 1.6.5. Fever of Bacterial Origin
 - 1.6.6. Other Causes of Fever
 - 1.7. Imported Infectious Pathology Syndrome Classification
 - 1.7.1. Fever and Cutaneous Lesion
 - 1.7.2. Fever and Altered Level of Consciousness
 - 1.7.3. Fever and Liver Problems
 - 1.7.4. Fever and Respiratory Semiology
 - 1.7.5. Fever and Digestive Semiology
 - 1.8. Imported Tropical Infectious Diseases of Special Interest:
 - 1.8.1. Malaria
 - 1.8.2. Arbovirus: Dengue, Zika, Chikungunya
 - 1.8.3. MERS Coronavirus (MERS CoV)
 - 1.8.4. Schistosomiasis
 - 1.8.5. Invasive Enteritis (Salmonella, Shigella, E.coli, Campylobacter)
 - 1.8.6. Hemorrhagic Fevers (Ebola, Lassa, Marburg, Yellow Fever, Crimean-Congo)



A unique, key, and decisive master's degree 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 Imported Infectious Diseases 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.



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

This **Postgraduate Certificate in Imported Infectious Diseases 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 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 Imported Infectious Diseases in the Emergency Department for Nursing

Official N° of hours: 125 h.



*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.

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



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