

# Postgraduate Certificate

## Infection in Pregnancy for Nursing





## Postgraduate Certificate Infection in Pregnancy for Nursing

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

Website: [www.techtute.com/us/nursing/postgraduate-certificate/infection-pregnancy-nursing](http://www.techtute.com/us/nursing/postgraduate-certificate/infection-pregnancy-nursing)

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# 01

# Introduction

Factors such as teratogenicity of certain drugs modify the approach to certain infections in pregnant women. Precautions should be maximized, considering the most recent scientific studies and postulates on Bartholin's glanditis, vulvovaginitis or gastroenteritis, among other types of infections. This Postgraduate Certificate includes both current theory and most successful clinical practice in dealing with pregnancy infections, in order to provide nurses with the most updated content possible in this area. Its 100% online format also facilitates the combination of this Certificate with the most demanding professional or personal activity.







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*Get updated on the most important advances on fever in pregnant women, tropical diseases and sexually transmitted viral diseases”*

Early detection is essential in infection management by the pregnant woman. Nurses must act quickly to prevent possible transmission to the fetus, considering both gestational age and time of exposure to infection. Modernized protocols based on the most recent scientific evidence allow a much more comprehensive approach to these issues.

The present TECH program meets this need for updating on pregnancy infections, bringing together a teaching staff with a wide experience in the area of obstetric emergencies. Their extensive experience serves as support to create a didactic material that not only contains the latest scientific advances, but also the necessary contextualization to put them into practice in the most demanding clinical environment.

The Certificate format is completely online, so nurses will not have to attend classes in person or follow predetermined schedules of any kind. This allows them a unique flexibility, in that they do not have to sacrifice any aspect of their personal or professional life in order to be reliably updated on the most common and uncommon infections during pregnancy.

This **Postgraduate Certificate in Infection in Pregnancy for Nursing** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of case studies presented by experts in Obstetric and Neonatal Emergencies
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on 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



*You will have the freedom to choose your study pace, being able to adapt it to your demanding daily work”*

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*The entire Syllabus is available for download, providing great reference material in infections useful even after completing the Certificate”*

*The large amount of multimedia resources and complementary readings will serve as a great support to contextualize all contents.*

*Get updated on toxoplasmosis, cytomegalovirus, rubella, chickenpox, measles and more possible infections during pregnancy.*

The program includes, in its teaching staff, professionals from the sector who bring to this educational program their work experience, as well as renowned 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 education programmed to prepare for real situations.

The design of this program focuses on problem-based learning, through which the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.



# 02 Objectives

The main objective of this Postgraduate Certificate is to provide the knowledge, methodologies and tools that are currently used in practice of dealing with infections in pregnancy. Therefore, the teaching team behind this program has many years of experience in the most demanding obstetric emergency departments, giving a pragmatic approach to all theoretical content of the Certificate.





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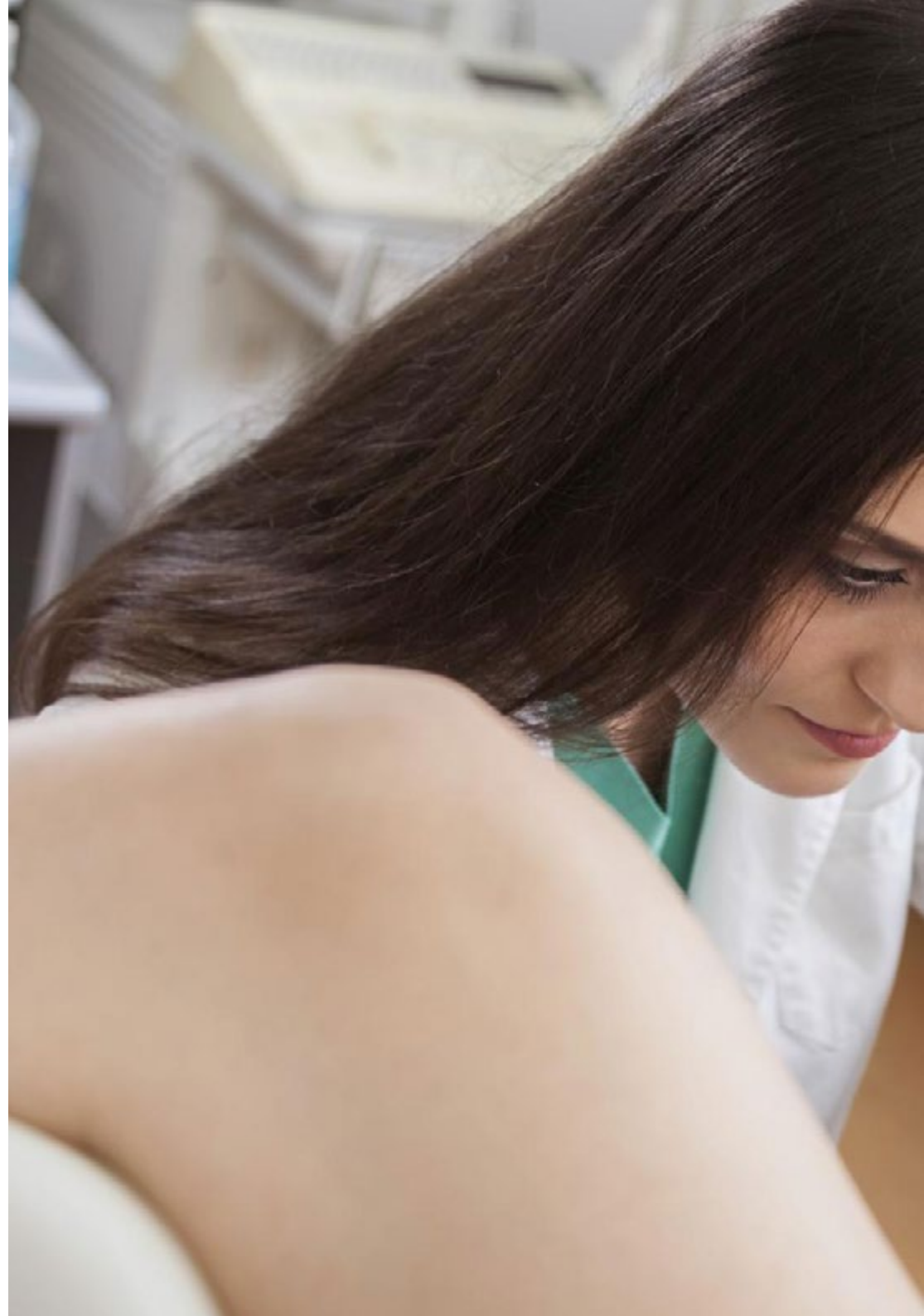
*Incorporate into your daily practice the most important developments in infections such as bartholinitis or vulvovaginitis”*



## General Objectives

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- To detect the different obstetric emergencies during pregnancy, delivery and puerperium as early as possible in order to apply the latest treatments and achieve a satisfactory obstetric outcome, thereby reducing maternal-fetal morbidity and mortality
- To be able to provide specialist care for each urgent obstetric pathology
- To acquire skills for emergency neonatal care when the obstetric pathology involves mother and fetus





## Specific Objectives

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- ♦ To recognize and initiate timely management of the most frequent Infections that could have obstetric repercussions
- ♦ To demonstrate ability to apply midwifery care in these Infections
- ♦ To be able to perform adequate and specific health education to prevent the pregnant woman from becoming infected and to avoid affecting the fetus



*You will have at your disposal the best technological resources to pass this Postgraduate Certificate with the best of success”*



03

# Course Management

The teaching staff in charge of this Postgraduate Certificate has developed their professional career in different Obstetric Emergency Departments, having to deal with many cases related to Infections in Pregnancy. Nurses will benefit from having access to didactic material enriched with this knowledge, in which they can update their own work methodology for both common and infrequent situations in their daily work.







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*You will have full support of a teaching team committed to your professional development”*

## International Guest Director

Dr. Olivier Picone is a leading international expert in the field of Obstetrics and Prenatal Diagnostics. Indeed, his expertise has focused on a wide range of techniques, including screening and diagnostic ultrasound, amniocentesis and trophoblast biopsies. In this regard, he has contributed significantly to the advancement of maternal and fetal medical care.

In addition to his clinical work, he has played important roles in leading health organizations in France. For instance, as President of the French Federation of Prenatal Diagnostic Centers of the CPDPN, he has led initiatives to improve the quality and accessibility of prenatal diagnostic services beyond the country's borders.

Likewise, his commitment to research and prevention of viral infections during pregnancy has led him to publish numerous articles and to participate in working groups of international renown, such as the High Authority of Health and the High Council of Public Health. His research interests include Obstetrics, Gynecology, Gynecological Surgery, Obstetric Surgery, Gynecological Ultrasound, Pathological Pregnancy and Obstetric Ultrasound. In this way, his dedication to critical issues, such as CMV and Zika, has been fundamental in developing management protocols and clinical recommendations.

Also, it is worth mentioning his position as President of the Research Group on Infections during Pregnancy (GRIG), being co-author of academic reference books, such as Maternal Pathologies and Pregnancy, contributing significantly to scientific knowledge in his field. Likewise, his leadership in the creation of the University Diploma in Infectious Diseases of Pregnant Women has demonstrated his commitment to medical education and the strengthening of perinatal care worldwide.



## Dr. Picone, Olivier

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- President of the French Federation of Prenatal Diagnostic Centers of the CPDPN, Paris, France
- President of the Research Group on Infections during Pregnancy (GRIG)
- Gynecologist, Obstetrician and Head of Prenatal Diagnosis in public and private practices
- Specialist in Obstetrical Gynecology at the University of Paris Cité
- Qualified to Conduct Research (HDR) by the University of Paris Cité
- Doctor in Medicine by the University of Paris Cité
- Member of: French National College of Obstetrical Gynecologists (CNGOF), Women's Health Fund, Foch Hospital Foundation, French Fetal Medicine Club at the French College of Fetal Ultrasound (CNGOF)



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

## Management



### Ms. Fernández López-Mingo, Raquel Desirée

- ♦ Midwife at Gregorio Marañón General University Hospital and San Rafael Hospital
- ♦ Midwife at the Cerro Almodovar Health Center in Madrid
- ♦ Graduate in Nursing at the Complutense University of Madrid
- ♦ EIR of Obstetrics and Gynecology, Gregorio Marañón General University Hospital
- ♦ Master's Degree in from Integration in Care and Clinical Problem Solving in Nursing, University of Alcalá de Henares



### Dr. Muñoz Serrano, María del Carmen

- ♦ Midwife at the University del Sureste Hospital, in Arganda del Rey, and the HLA Moncloa Hospital in Madrid
- ♦ Midwife in the Infanta Sofía Hospital in in San Sebastián de los Reyes
- ♦ Midwife at VITHAS Pardo Aravaca
- ♦ Midwife at HM\Nueva University Hospital
- ♦ Midwife at Gregorio Marañón Hospital
- ♦ Degree in Nursing from the University of Granada
- ♦ EIR Anesthesiology Gynecology, Gregorio Marañón General University Hospital
- ♦ Master's Degree in from Integration in Care and Clinical Problem Solving in Nursing, University of Alcalá de Henares
- ♦ University Expert in Gynecologic, Obstetric and Neonatal Emergencies at the Catholic University of Avila





## Professors

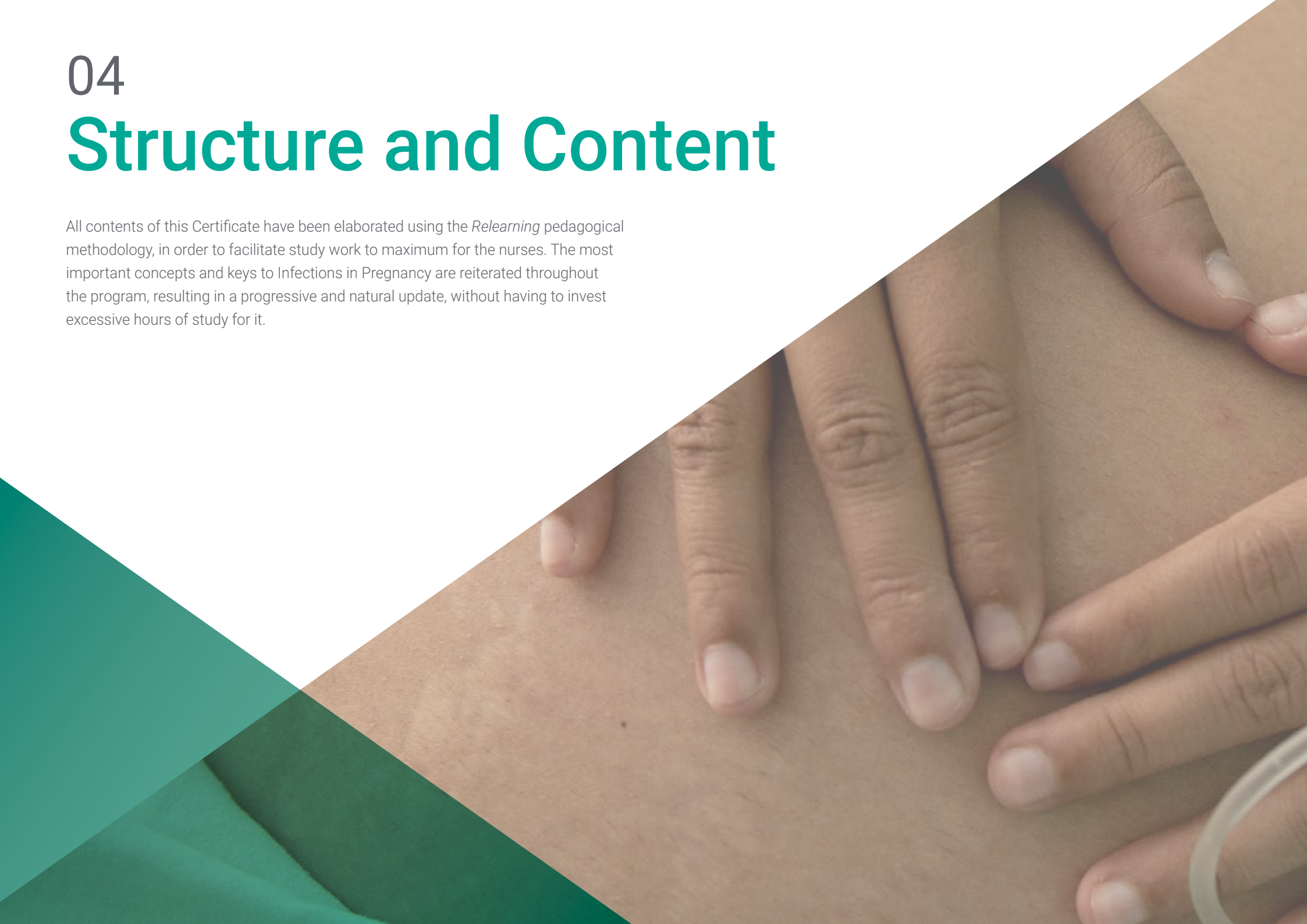
### Ms. Sánchez Boza, Pilar

- ◆ Midwife at Gregorio Marañón University Hospital
- ◆ Midwife in Mauritania with Rotary Club in humanitarian aid project
- ◆ Sex coaching at Fundación Sexpol (sex education talks), university centers (Universidad de Alcalá de Henares and Universidad Europea de Madrid) and health centers (Espronceda, Villablanca)
- ◆ Speaker at annual conferences against gender violence for SUMMA
- ◆ Attending professor at Universidad Europea as a professor of the subject "Women's Care" and assistant professor in adult care II, child and adolescent care in the Nursing Degree
- ◆ Diploma in Nursing. Universidad Pontificia de Comillas de Madrid Professional Master's Degree in Humanitarian Health Aid. University of Alcalá de Alcalá de Henares
- ◆ Accredited Postgraduate Diploma in Urgencies and Emergencies. School of Health Sciences University Center affiliated to the Complutense University of Madrid

# 04

# Structure and Content

All contents of this Certificate have been elaborated using the *Relearning* pedagogical methodology, in order to facilitate study work to maximum for the nurses. The most important concepts and keys to Infections in Pregnancy are reiterated throughout the program, resulting in a progressive and natural update, without having to invest excessive hours of study for it.







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*All contents to which you will have access have been elaborated by the TECH teaching team, guaranteeing quality and an eminently practical approach”*

## Module 1. Infections During Pregnancy

- 1.1. Fever in Pregnant Women
  - 1.1.1. Fever, low-grade fever, long-standing fever, unknown origin, bacterial, systemic inflammatory response syndrome, sepsis
  - 1.1.2. Possible Causes of Fever in Pregnant
  - 1.1.3. Differential Diagnosis
- 1.2. Acute Gastroenteritis
  - 1.2.1. Types of Gastroenteritis
  - 1.2.2. Clinical Symptoms
  - 1.2.3. Diagnosis
  - 1.2.4. Treatment during Pregnancy
- 1.3. Bartholinitis
  - 1.3.1. Diagnosis
  - 1.3.2. Risk Factors
  - 1.3.3. Treatment
- 1.4. Vulvovaginitis
  - 1.4.1. Bacterial Vaginosis
  - 1.4.2. Candidiasis
- 1.5. Sexually Transmitted Diseases: Bacterial and Parasitic Diseases
  - 1.5.1. Chlamydia
  - 1.5.2. Gonorrhoea
  - 1.5.3. Trichomoniasis
  - 1.5.4. Syphilis
- 1.6. Sexually Transmitted Diseases
  - 1.6.1. HIV
  - 1.6.2. Genital Herpes







- 1.7. Tropical Diseases
  - 1.7.1. Trypanosomiasis or Chagas Disease
  - 1.7.2. Zika
  - 1.7.3. Dengue
  - 1.7.4. Malaria
  - 1.7.5. Cholera
  - 1.7.6. Leishmaniasis
- 1.8. Toxoplasmosis and Cytomegalovirus
  - 1.8.1. Toxoplasmosis
  - 1.8.2. Cytomegalovirus
- 1.9. Epstein Barr Virus, Parvovirus B19, Listeriosis
  - 1.9.1. Epstein Barr Virus
  - 1.9.2. Parvovirus B19
  - 1.9.3. Listeriosis
- 1.10. Rubella, Chickenpox and Measles
  - 1.10.1. Rubella
  - 1.10.2. Chickenpox
  - 1.10.3. Measles



*You will be able to download the entire content freely, gaining access to useful reference material even in the future”*

# 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 Infection in Pregnancy for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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

This program will allow you to obtain your **Postgraduate Certificate in Infection in Pregnancy for 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 Infection in Pregnancy for Nursing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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





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for Nursing

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