

# Postgraduate Certificate

## Infections in Pregnancy for Midwives





## Postgraduate Certificate Infections in Pregnancy for Midwives

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

Website: [www.techtute.com/in/nursing/postgraduate-certificate/infections-pregnancy-midwives](http://www.techtute.com/in/nursing/postgraduate-certificate/infections-pregnancy-midwives)

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# 01

# Introduction

Infections are one of the pathologies that can cause the greatest concern in any gestation process. Precautions must be maximized, since the approach cannot be the same as in other types of patients due to factors such as the fetal teratogenicity of certain drugs. For this reason, it is important that the midwives maintain a high level of professional updating in terms of Infections in Pregnancy, given the many advances in this area in recent years as a result of the global pandemic. This program compiles in a convenient and accessible format all the most up-to-date scientific knowledge and clinical practice, presented by a teaching team with extensive experience in the area of Infections in Pregnancy.





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*Get updated in the most modern approach to Obstetric Emergencies both in the different periods of pregnancy and in labor and postpartum"*

The importance of early detection in the diagnosis of infections is crucial in pregnant patients, as this can prevent possible transmission to the fetus. In these cases where the infection can affect the development of the fetus, it is essential to take into account both the gestational age and the time of exposure, establishing a renewed action protocol based on the specific type of pathology.

Likewise, the incidence of the infection in the birth canal itself should also be assessed, since it can sometimes be obstructed. The midwives play a key role in all of the above, and they must have up-to-date knowledge in order to know the best approach to the most common and infrequent types of infection.

This TECH program has been developed in response to this need. The teaching team in charge of it is made up of specialists in Infections in Pregnancy, providing all the theoretical content with the necessary perspective of clinical practice to properly contextualize each type of specific infection.

Being aware of the difficulty that can be involved in assuming a program of these characteristics in environments as changing as that of the midwife, TECH has promoted a completely online format. To this end, both face-to-face classes and fixed schedules have been eliminated, leaving it up to the midwives themselves to decide when to take on the entire teaching load.

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

- ♦ The examination of practical cases presented by experts in Emergencies Obstetric and Neonatal
- ♦ 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



*You decide when, where and how to study this Postgraduate Certificate, having the flexibility you need to combine it with your personal and professional responsibilities"*



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*Get up to date on rubella, chickenpox, measles, Epstein Barr virus, Parvovirus B19, Listerosis and many more infections with a modern and comprehensive perspective"*

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow professionals to learn in a contextual and situated learning environment, i.e., a simulated environment that will provide immersive education programmed to prepare in real situations.

This program's design focuses on Problem-Based Learning, through which the professionals must try to solve the different professional practice situations that arise during the academic program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*You will be able to download the entire syllabus from the first day of the program, being accessible from any device with an Internet connection.*

*You will find a large amount of quality didactic resources, with detailed videos and summaries created by the teachers themselves.*



# 02

## Objectives

The main objective of this program is to provide an in-depth study in the field of Infections in Pregnancy. Through the most modern scientific postulates and the practical vision provided by the teaching team, midwives will be able to update their approach methodology in all types of infections, from tropical diseases to sexually transmitted pathologies.







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*You will be able to incorporate the advances taught in the program as you go along, thereby progressively perfecting your daily practice”*



## General Objectives

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- Detect the different obstetric emergencies during pregnancy, childbirth and postpartum period in an early manner, in order to perform an updated approach and achieve a satisfactory obstetric outcome to be able to reduce maternal-fetal morbimortality
- Be able to perform specialist care in each urgent obstetric pathology
- Acquire skills for emergency neonatal care when the obstetric pathology involves mother and fetus





## Specific Objectives

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- ◆ Recognize and initiate timely management of the most frequent Infections that could have obstetric repercussions
- ◆ Demonstrate midwifery skills to deal with these Infections
- ◆ Be able to perform adequate and specific health education to prevent the pregnant woman from becoming infected and avoid affecting the fetus



*You are choosing the largest online academic institution in the world, with technical and teaching support 100% committed to your professional update"*



03

# Course Management

All the teachers in charge of elaborating this program have placed special emphasis on making a selection of the main infections to be taken into account in the obstetrics area. In this way, midwives will be incorporating to their arsenal of knowledge a myriad of updated approaches and practical methodology contrasted by a group of professionals with extensive practical experience in Infections in Pregnancy.





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*All the content of the program will be supported both by the most recent scientific postulates and by the teaching team's own clinical experience"*

## 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
- 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, specialist in sexuality and couple relationships
- ◆ Midwife at Gregorio Marañón University Hospital
- ◆ Midwife in Mauritania with Rotary Club in humanitarian aid project
- ◆ Sex coaching in Sexpol Foundation (sex education talks), university centers (University of Alcalá de Henares and European University of Madrid) and health centers (Espronceda, Villablanca)
- ◆ Speaker at annual conferences against gender violence for SUMMA
- ◆ Attending professor at European University 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. Comillas Pontifical University of Madrid
- ◆ Professional Master's Degree in Humanitarian Health Aid. University of Alcalá de Alcalá de Henares
- ◆ Postgraduate Diploma in Urgencies and Emergencies, accredited. School of Health Sciences University Center attached to the Complutense University of Madrid

# 04

## Structure and Content

*Relearning*, the pedagogical methodology used by TECH in the development of this program, is a great advantage for midwives. This is due to the fact that the teaching load and hours of study are considerably reduced, since the most important terms and concepts of the updated approach to Infections in Pregnancy are dealt with repeatedly throughout the program. This is equivalent to a much more natural and progressive modernization, avoiding long hours of study on the most complex topics.





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*You will have access to a comprehensive content library on the most important Infections in Pregnancy, with videos in detail and complementary readings for each of them"*



## Module 1. Infections During Pregnancy

- 1.1. Fever in Pregnant Women
  - 1.1.1. Fever, Fever of Short Evolution, Long Evolution, Fever of Unknown Origin, Bacterial Fever, Systemic Inflammatory Response Syndrome, Sepsis
  - 1.1.2. Possible Causes of Fever in Pregnant Women
  - 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



*The didactic material will even serve as a reference for consultation once the program has been completed, given the exhaustiveness and extension with which all its contents have been designed"*

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 Infections in Pregnancy for Midwives 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 Infections in Pregnancy for Midwives** 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 Infections in Pregnancy for Midwives**

Official N° of Hours: **150 h.**



\*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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community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom

**tech** technological  
university

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