

# Postgraduate Diploma

## Obstetric Emergencies in Pregnancy for Midwives





## Postgraduate Diploma Obstetric Emergencies in Pregnancy for Midwives

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

Website: [www.techtitute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-obstetric-emergencies-pregnancy-midwives](http://www.techtitute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-obstetric-emergencies-pregnancy-midwives)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 16*

05

Methodology

---

*p. 20*

06

Certificate

---

*p. 28*

# 01

# Introduction

The midwife's assistance both during the pregnancy itself and during the first 28 days of the baby's life is essential. In this period of time, complications of all kinds can arise, since in recent years the rate of incidents during pregnancy has been increasing due to socio-demographic factors, maternal age or the improvement in assisted reproduction techniques. Therefore, an updated and deep knowledge of the main pathologies that may appear during pregnancy becomes necessary to maintain a high professional praxis. This program focuses on this issue, also offering a convenient online format that allows the midwives to combine this program with their usual professional and personal activity.





“

*Incorporate into your daily practice the most advanced techniques to address metabolic disorders, metrorrhagia, chorioamnionitis and cervical insufficiencies”*

The work of the midwife in the Obstetric Emergency Department is extensive, since it must cover both the care of the mother during the entire process of gestation and the first days of life and the moment of birth itself. During this period it is especially important to detect deviations from normality prematurely, in order to make an early approach and avoid major complications.

To this end, it is necessary to review the main pathologies of the neonatal period, as well as the first, second and third trimester of pregnancy specifically. With an efficient early action protocol, the capacity to respond to emergencies increases considerably. Therefore, this program provides the updated knowledge necessary for midwives to be prepared for any possible complication.

Its 100% online format also allows you to study it from the comfort of your home or any place of your choice. There are no face-to-face classes or fixed schedules, which means total freedom for the midwives to take on the course load at their own pace, without having to sacrifice any aspect of their own personal or work life. This is a great advantage to obtain a thorough update while continuing with the most demanding professional practice.

This **Postgraduate Diploma in Obstetric Emergencies 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



*A great teaching team, made up of professionals with extensive experience in Obstetric Emergencies, has developed all the contents of this program"*

“

*This is the best possible academic option to update you in Obstetric Emergencies in Pregnancy, with a flexible and exhaustive content in the current emergencies in this area"*

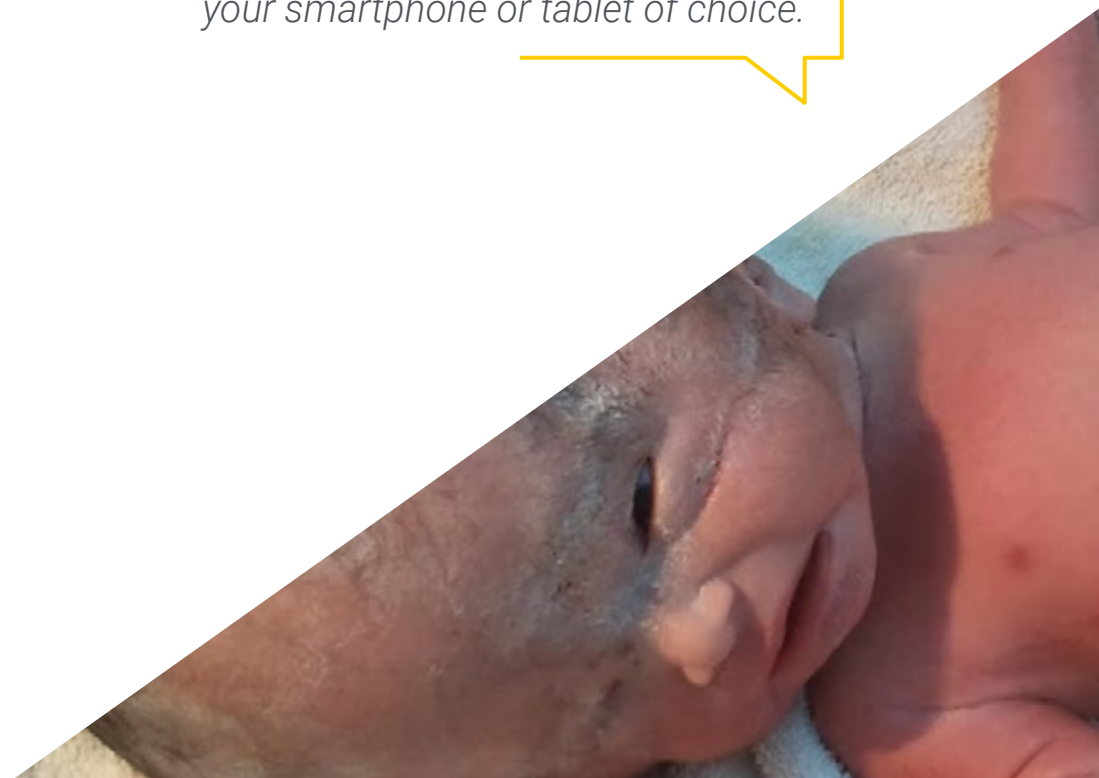
*You will study in depth topics such as hypertensive states of pregnancy, intrapartum asphyxia or risk factors in abortion.*

*You will be able to download the entire syllabus from the first day of the program, being able to study it comfortably from your smartphone or tablet of choice.*

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 provide the professionals with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

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



# 02

# Objectives

The midwives must have a series of distinctive competencies in the Obstetric Emergency Department, especially during the entire period of pregnancy where there are multiple complications that can occur and early diagnosis is more than necessary. The contents of this program are focused on providing the approach techniques, tools and scientific theory most prominent and current in this area, allowing a comprehensive and complete update of the midwife in those most important pathologies.





“

*You will have at your fingertips a myriad of contents of all kinds, including high quality multimedia resources created by the teachers themselves”*



## General Objectives

---

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

“

*You will achieve your objective of professional updating in an agile and precise way, focusing on the most important topics in your daily practice”*





## Specific Objectives

---

### Module 1. Neonatal Emergencies

- ♦ Recognize and initiate timely management of urgent situations that may occur during the neonatal period
- ♦ Demonstrate midwifery skills to deal with these situations

### Module 2. Obstetric Emergencies in the First Trimester

- ♦ Recognize and initiate timely management pathologies occurring in the first trimester of pregnancy
- ♦ Demonstrate midwifery skills to deal with these pathologies
- ♦ Promote continuity of care for women suffering from first trimester pathology whether they are admitted to the hospital ward or discharged
- ♦ Be able to deliver effective and targeted health education for each of these pathologies

### Module 3. Obstetric Emergencies in the Second and Third Trimester

- ♦ Recognize and initiate timely management of pathologies occurring in the second and third trimester of pregnancy
- ♦ Demonstrate midwifery skills to deal with these pathologies
- ♦ Promote continuity of care and communication with the rest of healthcare practitioners who will attend those pathologies that generally require hospital admission

03

# Course Management

The teachers in charge of the elaboration of this Postgraduate Diploma are aware of its importance in the daily practice of the midwives. Therefore, the maximum effort is made to nurture each topic with the most advanced scientific vision and the most efficient clinical practice, proven by themselves in a multitude of real cases and clinical scenarios throughout their extensive professional careers.





“

*Take advantage of the experience of experts with years of practice in the Obstetric Emergency Department, covering all types of pregnancy pathologies”*

## 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. Martínez Martín, Roxana

- ◆ Midwife at Gregorio Marañón Maternal-Child Hospital
- ◆ Hematology Service Nurse in La Paz General University Hospital
- ◆ Fetal Physiopathology Service Nurse, Puerperium and Maternity Emergencies in La Paz Maternal-Children's University Hospital
- ◆ Nurse in the Anesthesia and Resuscitation Unit of the La Paz University Maternity Hospital
- ◆ Diploma in Nursing in the Autonomous University of Madrid
- ◆ EIR in Obstetrical-Gynecological Nursing at Nuestra Señora de Sonsoles Hospital
- ◆ Official Master's Degree in Emergency Nursing and Health Transport at CEU San Pablo University

### Ms. Durán Sierra, Sonia

- ◆ Midwife at the Ortigueira Health Center, in A Coruña, Spain
- ◆ Midwife in various health centers in Ferrol
- ◆ Midwife at the Entrevías Health Center
- ◆ Degree in Nursing from A Coruña University
- ◆ EIR in Obstetrics and Gynecology , Gregorio Marañón University Hospital
- ◆ University Expert for Midwives in Gynecologic, Obstetric and Neonatal Emergencies at the Catholic University of Avila

# 04

## Structure and Content

Pursuing a defined clarity and precision in the development of the syllabus, TECH has placed special emphasis on the most important terms and concepts of Obstetric Emergencies during the entire period of pregnancy. Thanks to the pedagogical methodology of Relearning, these concepts are reiterated in a natural and progressive way throughout the program. This results in a much more natural updating on the part of the midwives, saving a considerable investment of study hours.







“

*The virtual classroom will be available to you 24 hours a day, and you can access it at the time that suits you best”*

## Module 1. Neonatal Emergencies

- 1.1. Rh Isoimmunization
  - 1.1.1. Etiology and Risk Factors
  - 1.1.2. Diagnosis
  - 1.1.3. Effects on the Fetus
  - 1.1.4. Importance of Prevention in Obstetric Emergencies
- 1.2. Neonatal Infection
- 1.3. Surgical Emergencies
  - 1.3.1. Traumatology
  - 1.3.2. Digestive: Esophageal Atresia
  - 1.3.3. Umbilical
  - 1.3.4. Urogenital
  - 1.3.5. Neurological: Neural Tube Defects, Hydrocephalus
  - 1.3.6. Diaphragmatic Hernia
- 1.4. Neurological Problems
  - 1.4.1. Seizures
  - 1.4.2. Intrapartum Asphyxia: Hypoxic-Ischemic Encephalopathy
- 1.5. Metabolic Alterations
  - 1.5.1. Hyperglycemia
  - 1.5.2. Hypoglycemia
- 1.6. Congenital Metabolic Errors
- 1.7. Anaemia. Polycythemia. Hyperbilirubinemia
- 1.8. Congenital Heart Disease
- 1.9. Respiratory Pathology
- 1.10. Prematurity

## Module 2. Obstetric Emergencies in the First Trimester

- 2.1. Hyperemesis Gravidarum:
  - 2.1.1. Etiology and Risk Factors
  - 2.1.2. Clinical Symptoms
  - 2.1.3. Diagnosis
  - 2.1.4. Treatment. Importance of Nutrition
- 2.2. Abdominal-Pelvic Pain in Pregnant Women
  - 2.2.1. Etiology
  - 2.2.2. Importance of Differential Diagnosis
  - 2.2.3. Complementary Tests
- 2.3. Metrorrhagia in the First Half of Pregnancy
  - 2.3.1. Threat of Abortion
  - 2.3.2. Intrauterine Hematomas: Retroplacental, Subchorionic, Subamniotic and Supracervical
- 2.4. Abortion
  - 2.4.1. Types
  - 2.4.2. Etiology and Risk Factors
  - 2.4.3. Diagnosis
- 2.5. Abortion Treatment and Complications
  - 2.5.1. Treatment
  - 2.5.2. Complications
- 2.6. Repeat Abortion and Psychoemotional Aspects
  - 2.6.1. Repeat Abortion
  - 2.6.2. Psychoemotional Aspects
- 2.7. Voluntary Termination of Pregnancy (VTP)
  - 2.7.1. Introduction
  - 2.7.2. Legal Assumptions of VTP
  - 2.7.3. Treatment
  - 2.7.4. Complications
  - 2.7.5. Selective Fetal Reduction or Discontinuation

- 2.8. Ectopic Pregnancy
  - 2.8.1. Uncertain Location Pregnancy
  - 2.8.2. Types of Ectopic Pregnancy
  - 2.8.3. Etiology and Risk Factors
  - 2.8.4. Diagnosis
  - 2.8.5. Treatment
- 2.9. Trophoblastic Disease
  - 2.9.1. Hydatidiform Mole
  - 2.9.2. Gestational Trophoblastic Tumor
- 2.10. HPV and Cervical Cancer in Pregnancy
  - 2.10.1. Screening during Gestation
  - 2.10.2. Treatment

### Module 3. Obstetric Emergencies in the Second and Third Trimester

- 3.1. Threat of Premature Delivery
  - 3.1.1. Etiology and Risk Factors
  - 3.1.2. Clinical Symptoms
  - 3.1.3. Diagnosis
  - 3.1.4. Treatment
- 3.2. Premature Rupture of Membranes
  - 3.2.1. Etiology and Risk Factors
  - 3.2.2. Diagnosis
  - 3.2.3. Treatment
- 3.3. Chorioamnionitis
  - 3.3.1. Etiology and Risk Factors
  - 3.3.2. Clinical Symptoms
  - 3.3.3. Diagnosis
  - 3.3.4. Treatment
- 3.4. Cervical Deficiency
  - 3.4.1. Etiology and Risk Factors
  - 3.4.2. Diagnosis
  - 3.4.3. Treatment
- 3.5. Placenta Previa. Previous Vasa
  - 3.5.1. Etiology and Risk Factors
  - 3.5.2. Diagnosis
  - 3.5.3. Treatment
- 3.6. Detachment of a Normally Positioned Placenta
  - 3.6.1. Etiology and Risk Factors
  - 3.6.2. Diagnosis
  - 3.6.3. Treatment of Placental Abruption
- 3.7. Hepatopathy in Pregnancy
  - 3.7.1. Intrahepatic Cholestasis
  - 3.7.2. Fatty Liver
- 3.8. Hypertensive states of Pregnancy (EHE)
  - 3.8.1. Classification
  - 3.8.2. Etiology and Risk Factors
  - 3.8.3. Diagnosis
  - 3.8.4. Determination of the Degree of Severity
- 3.9. Preeclampsia in Pregnancy
  - 3.9.1. Preeclampsia
- 3.10. Eclampsia and HELLP Syndrome
  - 3.10.1. Eclampsia
  - 3.10.2. HELLP Syndrome



*Actual case studies, supplemental readings and in-depth videos will help you contextualize all the advances and developments seen in the program"*

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.*



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 Diploma in Obstetric Emergencies in Pregnancy for Midwives guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma 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 Diploma in Obstetric Emergencies in Pregnancy for Midwives** contains the most complete and up-to-date scientific on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Diploma** issued by **TECH Technological University** via tracked delivery\*.

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

Title: **Postgraduate Diploma in Obstetric Emergencies in Pregnancy for Midwives**  
Official N°of Hours: **450 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  
virtual classroom



## Postgraduate Diploma Obstetric Emergencies in Pregnancy for Midwives

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

# Postgraduate Diploma

## Obstetric Emergencies in Pregnancy for Midwives

