

# Postgraduate Certificate Obstetric Emergencies in Childbirth for Midwives





## Postgraduate Certificate Obstetric Emergencies in Childbirth 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/pk/nursing/postgraduate-certificate/obstetric-emergencies-childbirth-midwives](http://www.techtute.com/pk/nursing/postgraduate-certificate/obstetric-emergencies-childbirth-midwives)

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# 01

# Introduction

The most risky phases during labor are the second and third, that is, the second and third stages of labor and delivery. Both the mother and the fetus can suffer complications of all kinds, and the midwives must act quickly and diligently. The midwives must know and frequently update the fundamental maneuvers during these phases of labor, in order to approach the specific obstetric emergency with the best possible praxis. The contents of this program cover, precisely, complications such as retained placenta, uterine atony or early postpartum, in order for the midwives to update their methods of diagnosis and treatment. A unique academic opportunity, offered by a high-level teaching team with the necessary flexibility to adapt to the most demanding professional and personal responsibilities.





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*Update your work methodology with the most recent scientific postulates in Obstetric Emergencies in the third stage of labor and delivery, reinforced by the clinical practice of a highly qualified teaching team"*

One of the key aspects to ensure a good obstetric and neonatal outcome is to reduce the time that elapses between the onset of any problem and its resolution. The responsibility for this task falls on the midwives, who must update their methods of approach in order to have a perfected early diagnosis with which to act as quickly as possible.

This program focuses on an update of the protocols of action for obstetric emergencies in the final phase of labor, as well as the most effective techniques currently available for its urgent termination. All this, serves the midwives to update and continue offering a high quality practice, based on the latest scientific postulates and the most rigorous clinical practice.

TECH is aware of how difficult it can be for the midwives to assume a program of these characteristics, especially when their work is highly demanding and changing. For this reason, this program is offered in a completely online format, without the need to attend classes or follow predetermined schedules. The midwives have full access to the content from the beginning of the program, being able to download it from any device with an Internet connection to study at their own pace.

This **Postgraduate Certificate in Obstetric Emergencies in Childbirth 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



*Get up to date in the diagnosis and treatment of Obstetric Emergencies such as Uterine Rupture, Placental Accretism or special situations such as preterm and twin deliveries"*

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*You will have at your disposal a multimedia library full of high quality content on the most important Obstetric Emergencies in Childbirth, with numerous support videos made by the teachers themselves”*

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.

*You will be free to download the entire content whenever you want, and you can even use it as reference material later on.*

*Delve into the different treatments and actions for ovarian adnexa, early postpartum and uterine inversion.*



# 02

# Objectives

Since this program deals with the most delicate and complicated phases of childbirth, its objective is to provide the most recent knowledge, techniques and scientific postulates on the most common and uncommon complications of this process. The midwives will have at their disposal an eminently practical material with which to contextualize the main novelties in the area, supported by a first class teaching team.







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*You will achieve your professional objective of updating your knowledge in Obstetric Emergencies in a fast and efficient way, supported by the latest educational technology”*



## General Objectives

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- ◆ 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





## Specific Objectives

- ◆ Recognize and initiate timely management of urgent situations that may occur during the third stage of labor and delivery
- ◆ Identify and know how to perform the obstetric maneuvers indicated to solve each urgent situation during the third stage of labor and delivery
- ◆ Demonstrate midwifery skills to deal with these situations

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*You will be able to update your work methodology even before finishing your program thanks to TECH's advanced pedagogical methodology”*

03

# Course Management

For the development of this Postgraduate Certificate TECH has had a teaching staff made up of professionals with extensive experience in the care of Obstetric Emergencies. Their clinical practice developed in numerous interventions during the second and third phase of labor is appreciated throughout the theoretical content, as it is accompanied by several real cases with which to contextualize the advances discussed.





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*Join the largest online academic institution in the world, with a teaching team formed by highly qualified professionals committed 100% to your update in Obstetric Emergencies"*

## 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



### Ms. 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



04

# Structure and Content

In order to guarantee a better structuring of all the contents and a better use of them by the midwives, TECH has incorporated the pedagogical methodology of Relearning in all of them. This means that the most important concepts of Obstetric Emergencies in Childbirth are reiterated throughout the entire syllabus, resulting in a much more effective update and a considerable saving of study hours.







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*You will be able to deepen your knowledge of Obstetric Emergencies in Childbirth through detailed videos, interactive summaries and complementary readings of great clinical value”*

## Module 1. Obstetric Emergencies During Childbirth: Expulsion and Delivery Phase

- 1.1. Shoulder Dystocia
  - 1.1.1. Risk Factors
  - 1.1.2. First, Second and Third Level Maneuvers
  - 1.1.3. Effects on the Fetus
- 1.2. Instrumental Delivery
  - 1.2.1. Types of Instrumental Delivery
- 1.3. Emergency Cesarean
  - 1.3.1. Indication for Urgent Cesarean Section
  - 1.3.2. Preparation of the Pregnant Woman for Urgent Caesarean Section
  - 1.3.3. Analgesia in Emergency Cesarean Section
- 1.4. Special Situations during Delivery
  - 1.4.1. Preterm Delivery
  - 1.4.2. Twin Delivery
- 1.5. Hemorrhage associated with Childbirth and early Puerperium
  - 1.5.1. Etiology and Risk Factors
  - 1.5.2. Classification
  - 1.5.3. Diagnosis and Quantification of Hemorrhage
- 1.6. Uterine Atony and Coagulation Disturbances in Hemorrhage Associated with Childbirth and Early Puerperium
  - 1.6.1. Uterine Atony
    - 1.6.1.1. Medical treatment
    - 1.6.1.2. Surgical treatment
  - 1.6.2. Coagulation Alterations
- 1.7. Trauma to the Birth Canal
  - 1.7.1. Cervico-Vaginal and Perineal Trauma
- 1.8. Retention of Placenta or Ovarian Adnexa
  - 1.8.1. Retention of Placenta or Ovarian Adnexa
    - 1.8.1.1. Diagnosis
    - 1.8.1.2. Etiology and Risk Factors
    - 1.8.1.3. Delivery Maneuvers
    - 1.8.1.4. Performance and Treatment
    - 1.8.1.5. Umbilical Cord Breakage





- 1.9. Placental Accreta and Uterine Inversion
  - 1.9.1. Placenta Accrete
    - 1.9.1.1. Diagnosis
    - 1.9.1.2. Etiology
    - 1.9.1.3. Treatment
  - 1.9.2. Uterine Inversion
    - 1.9.2.1. Diagnosis
    - 1.9.2.2. Degrees of Uterine Inversion
    - 1.9.2.3. Performance and Maneuvers
- 1.10. Uterine Rupture
  - 1.10.1. Classification (Dehiscence and Tearing)
  - 1.10.2. Diagnosis
  - 1.10.3. Treatment



*You decide the pace of study, being able to download the entire content to consult it later from the comfort of your smartphone, tablet or device of choice"*

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 Obstetric Emergencies in Childbirth 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.



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

This **Postgraduate Certificate in Obstetric Emergencies in Childbirth 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 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 Obstetric Emergencies in Childbirth 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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- » Modality: online
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- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

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