

# Postgraduate Certificate

## Special Situations of the Newborn and Breastfeeding for Midwives





## Postgraduate Certificate Special Situations of the Newborn and Breastfeeding 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/special-situations-newborn-breastfeeding-midwives](http://www.techtute.com/in/nursing/postgraduate-certificate/special-situations-newborn-breastfeeding-midwives)

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# 01

# Introduction

The competence of the midwife is focused on the healthy child, however, the delay in the age of the pregnant woman, assisted reproduction techniques and poor health behaviors lead to an increase in fetal and maternal pathology. This program aims to collect those situations that deviate from normality in relation to the newborn and the frequent problems that can arise with breastfeeding.





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*The midwife is the professional to whom the woman goes to solve doubts about the upbringing of her baby, so it is important that she is updated in everything related to this area"*

The first topics of this Postgraduate Certificate in Special Situations of the Newborn and Breastfeeding for Midwives are focused on the most important problems of the newborn, both for their prevalence and for the dimension of their sequelae, gathering the fundamental and necessary aspects for the midwife related to care and health education.

The last topics are a guide to the most common breastfeeding problems, as well as the particularities of breastfeeding in newborns with associated pathologies.

Although the management of newborns with pathologies is not usual in first and second level maternity wards, since these are pregnancies followed in hospital centers, it is necessary to have a global and complete vision of the main health problems of the newborn. If the midwife's work is performed in tertiary hospitals, the study of this course will be of even greater interest, as it aims to collect the most frequent entities in neonatal pathology with the latest updates in research.

For the primary care midwife, it is also interesting to be updated with the pathology of the newborn, since the midwife is in charge of the mother-child binomial and, although the newborn will require monitoring by other medical specialties, the midwife is the professional of reference for the woman and to whom she turns for the resolution of doubts and advice on parenting.

This **Postgraduate Certificate in Special Situations of the Newborn and Breastfeeding for Midwives** contains the most complete and up-to-date educational program on the market. The most important features include:

- ◆ The development of case studies presented by experts in special situations of the newborn and breastfeeding
- ◆ 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 practice
- ◆ Practical exercises where self-assessment can be used to improve learning.
- ◆ Its special emphasis on innovative methodologies in special situations of the newborn and breastfeeding
- ◆ 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



*Don't miss this opportunity to study in the largest private online university. You will increase your ability to succeed"*

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*This Postgraduate Certificate is the best investment you can make in the selection of up-to-date program for two reasons: in addition to updating your knowledge in Special Situations of the Newborn and Breastfeeding for Midwives, you will obtain a Postgraduate Certificate from TECH Technological University”*

The teaching staff includes professionals from the field Puerperium, who bring their experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

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 immersive training programmed to train in real situations.

This program is designed around Problem-Based Learning, whereby the specialist must try to solve the different professional practice situations that arise during the academic year. For this, the professional will be assisted by an innovative system of interactive videos made by recognized experts, with great experience in Special Situations of the Newborn and Breastfeeding for Midwives.

*We offer you the best teaching methodology and the latest educational technology so that you can expand your training without complications.*

*Combine your studies with your professional work while increasing your knowledge in the field of puerperium thanks to this 100% online Postgraduate Certificate.*



# 02 Objectives

The Postgraduate Certificate in Special Situations of the Newborn and Breastfeeding for Midwives is oriented to train midwives for their daily work.







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*If you want to specialize in the postpartum period, this is the best option to learn about the latest advances in the field"*



## General Objectives

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- ♦ Update and expand the midwife's knowledge in the field of postpartum care in the hospital, in the health center and at home
- ♦ Obtain an integrated vision of the care required by women and their children during the Puerperium
- ♦ Understand the puerperium phase from a global and biopsychosocial point of view
- ♦ Facilitate the performance of the midwife dedicated to the care of the woman and the newborn in the postpartum phase
- ♦ Help provide quality postpartum care based on scientific evidence
- ♦ Contribute to the midwife's decision making in situations that deviate from normality
- ♦ Have the tools to achieve a multidisciplinary management in the puerperium
- ♦ Acquire the professional competencies necessary to offer a quality and updated healthcare practice
- ♦ Apply the knowledge obtained to solve problems that may arise in health care practice



*Update your knowledge through the program "Special Situations of the Newborn and Breastfeeding for Midwives"*





## Specific Objectives

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- ◆ Know in depth the characteristics and care needed by premature babies
- ◆ Know in depth the characteristics and care required by premature babies
- ◆ Improve knowledge about the characteristics and care required by infants born with low birth weight or RIC
- ◆ Identify potential short- and long-term complications of premature, postmature, low birth weight and RIC infants
- ◆ Improve the management of the care needs of neonates with hypoxic-ischemic encephalopathy
- ◆ Identify situations at risk for EHI in order to prevent it and provide early and effective care at birth
- ◆ Know the care required by infants with perinatal infection
- ◆ Know the specific needs in the care of newborns of mothers who have used drugs during pregnancy and/or childbirth
- ◆ Learn techniques to provide the right breastfeeding support for premature infants to premature infants
- ◆ Identify and know the most frequent problems that appear in the breastfeeding Postgraduate Certificate
- ◆ Update the treatment of breastfeeding-related problems
- ◆ Know the evidence-based protocols recommended for breastfeeding problems

03

# Course Management

The program includes in its teaching staff reference experts in Puerperium, who bring to this training 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 an excellent team of professionals that will help you acquire the skills to meet the needs of the newborn and the mother during breastfeeding"*

## Management



### Ms. Grolimund Sánchez, Verónica

- ♦ Midwife at HGU Doctor Gregorio Marañón, Madrid Specialized in high-risk pregnancy and childbirth
- ♦ Diploma in Nursing from the Autonomous University of Madrid Red Cross School of Nursing
- ♦ Nurse Specialist in Obstetrics and Gynecology
- ♦ Professor in the Obstetrics and Gynecology Nursing Teaching Unit at HGU Gregorio Marañón since 2013
- ♦ Teaching collaborator at HGU Gregorio Marañón, tutoring and supervising EIR rotations in Family and Community Care
- ♦ Lecturer in the Practical Course on Obstetric Emergencies Obstetric Hemorrhage
- ♦ Nurse in special services such as emergency, URPA, ICU and neonatal ICU



### Ms. Pallarés Jiménez, Noelia

- ♦ Midwife Gregorio Marañón University Hospital
- ♦ University Diploma in Nursing from the University of Zaragoza.
- ♦ Specialty in Obstetric-Gynecological Nursing (Midwife) at the Midwifery Teaching Unit of Catalonia, University of Barcelona
- ♦ Postgraduate in Sexual Health Educational and Community Intervention University of Lérida Foundation
- ♦ Collaborating professor at the Midwifery Resident Teaching Unit of the General University Hospital Gregorio Marañón as an expert in the area of maternal and newborn nursing
- ♦ Primary Care Midwife In Barcelona, Catalan Institute of Health
- ♦ Midwife at the University Hospital Clinic of Barcelona
- ♦ Obstetric-Gynecological Specialty at the Germans Trias i Pujol Hospital in Badalona as resident midwife
- ♦ Nurse in the puerperium ward at the Miguel Servet University Hospital in Zaragoza



## Professors

### Mr. Burgueño Antón, Adrián

- ◆ Specialist in Gynecology and Obstetrics. Supervisor in Maternal and Child Surgical Block at Hospital Universitario La Paz

### Ms. García Rodríguez, Laura

- ◆ Matron Goya Health Center

### Ms. Gutiérrez Munuera, Marta

- ◆ Midwife Infanta Leonor Hospital

### Ms. Hernando Orejudo, Isabel

- ◆ Matron University Hospital Clínico San Carlos in Obstetric Emergency Units, Delivery Room, High Obstetric Risk, Fetal Physiopathology and Breastfeeding

### Ms. López Collado, Irene

- ◆ Obstetric Gynecological Nurse

### Ms. Matesanz Jete, Consuelo

- ◆ Midwife General Hospital of Segovia
- ◆ Nurse specialized in Obstetrics and Gynecology

### Ms. Martín Jiménez, Beatriz

- ◆ Midwife in the delivery room and obstetric emergency services Getafe University Hospital

### Ms. Ramírez Sánchez-Carnerero, Rosa María

- ◆ Matron Virgen de Altagracia de Manzanares Hospital

### Ms. Sánchez Boza, Pilar

- ◆ Nurse specialized in Obstetrics and Gynecology

### Ms. Triviño de la Cal, Cristina

- ◆ Specialist in Gynecology and Obstetrics. Yébenes Health Center, Madrid

04

# Structure and Content

The structure of the contents has been designed by the best professionals in the Puerperium area, with a wide trajectory and recognized prestige in the profession, backed by the volume of cases reviewed, studied and diagnosed, and with a wide command of the new technologies applied to healthcare.





A close-up photograph of a newborn baby's face and hands. The baby's hands are resting on a white, textured blanket with small dark spots. The baby's face is partially visible on the left side of the frame, showing the nose and mouth. The background is a soft, out-of-focus green.

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*This Postgraduate Certificate in Special Situations of the Newborn and Breastfeeding for Midwives contains the most complete and up-to-date scientific program on the market”*

## Module 1. Special Situations

- 1.1. Premature Newborn
  - 1.1.1. Definition. Etiology
  - 1.1.2. Characteristics of Prematurity and Morphology (Dubowitz Test, Ballard Test)
  - 1.1.3. Early and Late Complications of Prematurity
  - 1.1.4. Care of Parents of Premature Newborns Impact of Prematurity on Parents
  - 1.1.5. Early and Late Complications
- 1.2. Postmature Newborn
  - 1.2.1. Definition. Etiology
  - 1.2.2. Hypnosis
  - 1.2.3. Main Complications
  - 1.2.4. General Care
- 1.3. Low Birth Weight Newborn and RIC
  - 1.3.1. Definition. Etiology
  - 1.3.2. Hypnosis
  - 1.3.3. Main Complications
  - 1.3.4. General Care
- 1.4. Hypoxic– Ischemic Encephalopathy
  - 1.4.1. Essential and Specific Criteria for the Diagnosis of Hypoxic-ischemic Encephalopathy
  - 1.4.2. Hypoxic-Ischemic Encephalopathy Management
- 1.5. Perinatal Infection Sepsis
  - 1.5.1. Early or Vertical Infection
  - 1.5.2. Late or Nosocomial Infection
  - 1.5.3. Neonatal Sepsis
  - 1.5.4. Special Considerations for Major Infections: Listeria, Cytomegalovirus, Toxoplasma, Rubella, Varicella, and Syphilis
- 1.6. Midwifery Care of Newborns Born to Mothers Who Use Drugs
  - 1.6.1. Classification of Drugs According to WHO (Opium and Derivatives, Barbiturates and Alcohol, Cocaine, Amphetamines, LSD and Cannabis) and According to Pharmacology (CNS Stimulants, CNS Depressants and Psychedelics)
  - 1.6.2. Effects of Drug Use in Pregnancy on Pregnant Women and Children Neonates
  - 1.6.3. Neonatal Care and Surveillance
  - 1.6.4. Fetal Alcohol Syndrome
- 1.7. Particularities of Breastfeeding in Premature Newborns
  - 1.7.1. Sucking Reflex and Prematurity
  - 1.7.2. Breast Milk, Donated Milk and Formula Milk
  - 1.7.3. Techniques and Special Positions
  - 1.7.4. Use of the Relactator
- 1.8. Breastfeeding Problem in Special Situations
  - 1.8.1. Sleepy Newborn
  - 1.8.2. Breastfeeding Strike
  - 1.8.3. Ankyloglossia
  - 1.8.4. Fetal Pathology: Down Syndrome, Pierre-Robin Syndrome and Cleft Lip
- 1.9. Mother-Related Breastfeeding Problems I
  - 1.9.1. Flat, Inverted and Pseudoinverted Nipple
  - 1.9.2. Poor Latching
  - 1.9.3. Nipple Cracks and Infections
  - 1.9.4. Delayed Lactogenesis II
- 1.10. Mother-Related Breastfeeding Problems II
- 1.11. Mastitis: Culture Removal
- 1.12. Abscess
- 1.13. Hypogalactia
- 1.14. Ingurgitation



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*This training will allow you to advance  
in your career comfortably”*

# 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 Special Situations of the Newborn and Breastfeeding for Midwives, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this specialisation  
and receive your certificate without travel  
or laborious paperwork”*

This **Postgraduate Certificate in Special Situations of the Newborn and Breastfeeding 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 through the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Special Situations of the Newborn and Breastfeeding 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

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



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