

# Postgraduate Certificate

## Needs of the Newborn after Natural Childbirth for Midwives





## Postgraduate Certificate Needs of the Newborn after Natural Childbirth for Midwives

- » 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/needs-newborn-after-natural-childbirth-midwives](http://www.techtute.com/us/nursing/postgraduate-certificate/needs-newborn-after-natural-childbirth-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

Understanding the needs of the newborn after natural childbirth is essential to promote their well-being from the first moments of life. In this way, it allows the professional to offer a comprehensive care attending to physical and emotional aspects. For this reason, it is essential to have professionals trained to offer comprehensive and quality care to newborns and their families. This program responds precisely to the current demands of the maternity field, addressing key issues such as the immediate assessment of the newborn, the establishment of breathing, the first skin-to-skin contact and the early initiation of breastfeeding. All this in a fully online format that allows the student to distribute the teaching load according to their needs and without attendance.





“

*Develop skills in immediate newborn assessment and ensure appropriate response in emergency situations with this unique TECH program”*

The constant evolution of medical research and advances in neonatal care require professionals to be up to date with the latest knowledge and best practices. In that sense, acquiring new skills and knowledge in this field will allow midwives to provide quality and personalized care to newborns and their families, responding to the individual needs of each case. For midwives, being updated will provide them with greater confidence and security in their daily practice, strengthening their ability to make decisions and ensuring the well-being of newborns.

It is essential to provide adequate assistance to the newborn to facilitate their transition to the physical world. Professionals must have solid knowledge that allows them to promote the baby's well-being from the first moments of life, which are decisive for the baby's development. It is therefore crucial to provide specialized care at this critical stage. Currently there are advanced techniques that allow midwives to comprehensively address the needs of the newborn and with this TECH Diploma, participants will acquire a solid update on these aspects.

This, through a curriculum that will address in depth the most essential topics on the application of the first vaccines, the most modern techniques of umbilical cord cutting and infection prevention. They will also delve into the most modern protocols for monitoring vital signs, as well as the assertive identification of factors that endanger the life of the newborn. Likewise, emphasis will be placed on the monitoring of vital signs, the physical examination of the newborn and the detection of possible alarm signs.

Thanks to the Relearning methodology, students will have access to 100% online teaching, which will give them greater flexibility and allow them to learn from anywhere. They will also have permanent access to multimedia resources that will help them understand the topics more clearly. In addition, they will analyze case studies that simulate real situations, improving their ability to solve problems and increasing their competencies in real environments.

This **Postgraduate Certificate in the Needs of the Newborn after Natural Childbirth for Midwives** 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 on the Needs of the Newborn after Natural Childbirth for Midwives
- ♦ The 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 the self-assessment process can be carried out 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



*Become a highly trained professional in umbilical cord management and ensure the health and safety of newborns"*

“

*Take advantage of the flexibility of the 100% online format and study at your own pace, adapting the learning to your needs and schedule"*

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 professional 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 professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

*Discover how to promote safe sleep in the newborn and contribute to the prevention of sudden infant death syndrome.*

*Thanks to a teaching staff with innovative methodologies and the latest knowledge on the market, you will have a high-level learning experience.*



# 02 Objectives

The graduate of this academic program will acquire solid training in several key topics through an exhaustive syllabus. Because of this, they will develop skills in the monitoring of vital signs, the physical examination of the newborn and the detection of possible warning signs. In addition, aspects such as umbilical cord care, vitamin K administration and infection prevention will be addressed. The acquisition of these competencies will enable the midwife to provide complete and excellent care, strengthening their ability to promote the wellbeing and health of both newborns and their families.





“

*With this program, you will improve the action of skin-to-skin contact between mother and child and use advanced practices that make this moment a propitious one"*



## General Objectives

---

- ♦ Acquire fundamental knowledge about the physiology of Natural Childbirth, ancestral cultural practices and the emotional needs of women during childbirth, as well as the implications of medical interventions
- ♦ Acquire essential skills and knowledge in the care of pregnant women and their fetuses, including the promotion of healthy pregnancies and the identification of possible complications
- ♦ Acquire fundamental knowledge and skills in the diagnosis, management and prevention of emergencies in childbirth, with a focus on interprofessional collaboration and advocacy for patients' rights
- ♦ Acquire fundamental knowledge and skills in the assessment, diagnosis, and management of neonatal emergencies, with a focus on early recognition of problems and application of appropriate interventions
- ♦ Acquire fundamental knowledge and practical skills in newborn care, as well as the ability to provide comprehensive and safe care at this critical stage of life and how to collaborate with other healthcare professionals and families to ensure the well-being of the newborn





## Specific Objectives

---

- ◆ Examine the importance of Natural Childbirth and the monitoring of the newborn at this stage
- ◆ Acquire skills in the immediate assessment of the newborn, including measurement of vital signs and establishment of respiration
- ◆ Promote and facilitate first skin-to-skin contact and early initiation of breastfeeding.
- ◆ Perform physical examination of the newborn and detect signs of alarm
- ◆ Discuss best practices in umbilical cord management
- ◆ Examine the administration of screening and preventive tests, such as the administration of Vitamin K and initial immunization
- ◆ Advise on vaccinations and encourage natural immunization
- ◆ Examine proper newborn hygiene and skin care techniques
- ◆ Promote safe sleep practices and prevention of Sudden Infant Death Syndrome (SIDS)
- ◆ Delve into proper medical follow-up and monitoring of newborn development



*Become an expert in the needs of the newborn and make a difference in their medical care and well-being"*

03

# Course Management

With the aim of providing quality education and access to the most modern knowledge, TECH has rigorously selected the teaching staff for this degree program. In this way, participants will have the opportunity to learn from the best prepared professionals in this field, who will share with the students the most modern techniques of care for the needs of the newborn after natural childbirth.





“

*Sign up and take advantage of the invaluable opportunity to learn from leading industry experts TECH has selected for this exclusive program"*

## Management



### Dr. Santos Leal, Emilio

- ♦ Medical Director of the International Medical Technology Center
- ♦ Specialist Doctor at Fundación Alcorcón University Hospital
- ♦ Medical specialist at Consorcio University General Hospital of Valencia
- ♦ Medical specialist at Pius Hospital de Valls
- ♦ Medical specialist at Clínica Perpetuo Socorro
- ♦ Specialty in Gynecology and Obstetrics by Hospital Clínico San Carlos
- ♦ Degree in Medicine and Surgery from the University of Cantabria

## Professors

### Dr. Espinosa Barraión, José Ángel

- ♦ Director of the Affective Childbirth Unit at the Hospital San Francisco de Asís
- ♦ Head of the Obstetrics and General Gynecology Team at Hospital San Francisco de Asís
- ♦ Specialist in Gynecology and Obstetrics at Clínica de la Concepción
- ♦ Master's Degree in Minimally Invasive Surgery in Gynecology from the Universidad Cardenal Herrera
- ♦ Degree in Medicine and Surgery from the Universidad Autónoma de Madrid

### Ms. García García, María Dolores

- ♦ Midwife in Specialized Care at the Hospital General Universitario de Valencia
- ♦ Master's Degree in Business Management from the Universidad Católica San Antonio de Murcia
- ♦ Master's Degree in Bioethics from the Universidad Católica San Antonio de Murcia
- ♦ Expert in Breastfeeding Advice and Consultancy, Universidad Católica de Ávila
- ♦ Degree in Nursing, specializing in Midwifery



**Ms. Lanza del Rivero, Cristina**

- Field Psychologist at Casa de la Salud
- Postgraduate in Theory and Practice of Psychodrama, Sociodrama and Sociometry at the Universidad de Salamanca
- Postgraduate in Theory and Practice of Group Analysis at the Universidad de Salamanca
- Master's Degree in Behavior Modification from the Universidad de Salamanca
- Degree in Psychology from the Universidad de Salamanca

# 04

## Structure and Content

The work of midwives must be comprehensive, so the attention to the needs of the newborn is essential during the first minutes of life and the academic itinerary of this Postgraduate Certificate seeks to provide a solid update to professionals in this field. This, through the analysis of case studies and review of multimedia resources that explain in detail the elements that are directly involved in this area. All this based on the most effective methodology and in which TECH is a pioneer, the Relearning.





“

*Effectively master the monitoring process during the first few minutes of life and assertively identifies any life-threatening signs in the baby"*

## Module 1. Requirements of the New-Born

- 1.1. The newborn in natural childbirth
  - 1.1.1. Natural Childbirth Definition
  - 1.1.2. Benefits of natural childbirth
  - 1.1.3. Importance of newborn surveillance
- 1.2. First minutes after birth
  - 1.2.1. Immediate assessment of the newborn
  - 1.2.2. Establishment of breathing
  - 1.2.3. First skin-to-skin contact
  - 1.2.4. Early initiation of breastfeeding
- 1.3. Monitoring of vital signs
  - 1.3.1. Heart rate measurement
  - 1.3.2. Monitoring of respiratory rate
  - 1.3.3. Body temperature monitoring
  - 1.3.4. Evaluation of coloration and perfusion
- 1.4. Physical Examination of the Newborn
  - 1.4.1. Measurement of weight, length and head circumference
  - 1.4.2. General inspection of the body
  - 1.4.3. Evaluation of reflexes and muscle tone
  - 1.4.4. Detection of alarm signs
- 1.5. The umbilical cord
  - 1.5.1. Clamping and cutting procedure
  - 1.5.2. Cleaning and Maintenance
  - 1.5.3. Observation of signs of infection
  - 1.5.4. Late cutting
- 1.6. Screening and prevention tests
  - 1.6.1. Administration of vitamin K
  - 1.6.2. Prophylaxis of neonatal conjunctivitis
  - 1.6.3. Heel prick test
  - 1.6.4. Initial immunization





- 1.7. Vaccines
  - 1.7.1. Benefits
  - 1.7.2. Inconveniences
  - 1.7.3. How to advise
  - 1.7.4. How to promote natural immunization
- 1.8. Hygiene and skin care
  - 1.8.1. Bathing and cleaning the newborn
  - 1.8.2. Diaper care and prevention of dermatitis
  - 1.8.3. Identification of common skin problems
  - 1.8.4. Use of appropriate skin products
- 1.9. Sleep and prevention of sudden infant death syndrome
  - 1.9.1. Guidelines for safe sleep
  - 1.9.2. Proper sleep position
  - 1.9.3. How to recognize and reduce risk factors
  - 1.9.4. Establishing routines and conducive environment
- 1.10. Medical follow-up and development
  - 1.10.1. Follow-up visits
  - 1.10.2. Parameters to be Measured
  - 1.10.3. Surveillance during consultations

“*TECH is a pioneer in the implementation of the Relearning methodology, so your educational experience will be of high quality*”

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.





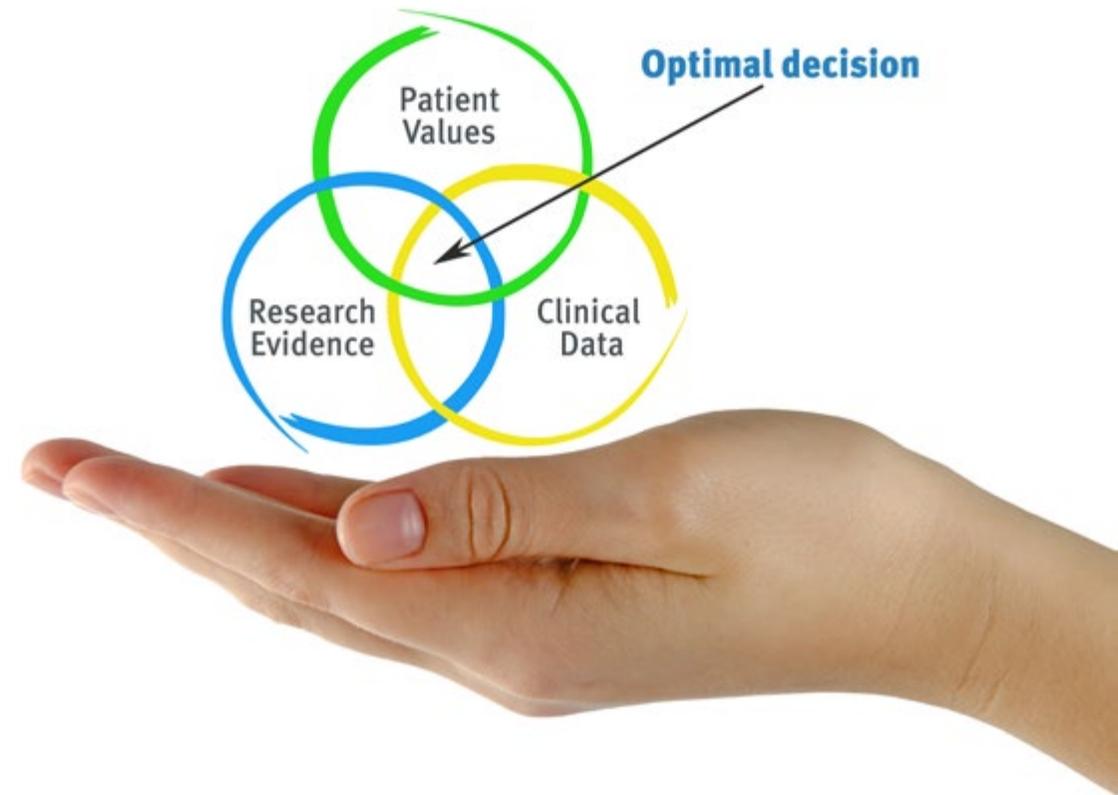
“

*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 Certificate in the Needs of the Newborn after Natural Childbirth for Midwives guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



“

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

This program will allow you to obtain your **Postgraduate Certificate in the Needs of the Newborn after Natural Childbirth for Midwives** 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 the Needs of the Newborn after Natural Childbirth for Midwives**

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.

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 Certificate Needs of the Newborn after Natural Childbirth for Midwives

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

# Postgraduate Certificate

## Needs of the Newborn after Natural Childbirth for Midwives

