

Postgraduate Diploma

Assistance and Care of Women
in Childbirth for Nurses





Postgraduate Diploma Assistance and Care of Women in Childbirth for Nurses

- » 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-assistance-care-women-childbirth-nurses

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01

Introduction

The Spanish Society of Gynecology and Obstetrics (SEGO) considers that the birth of a healthy child is not, although it may seem so, a casual event. It is the result of a great deal of care and attention given with generosity and professionalism by different professional categories. It also considers that childbirth care should be based on the principles of humanization, fetal control and pain relief. For this reason, protocols for assistance during dilatation and expulsion must prioritize the safety and health of both the mother and the newborn. The ultimate goal is to ensure, the well-being of both the mother and the newborn during the entire birthing process.

Taking into account that these are specific medical services, improving the training of professionals by providing them with a specific qualification will have an immediate impact on improving the quality of care.





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The Postgraduate Diploma in Assistance and Care of Women in Childbirth for Nurses contains the most complete and up to date scientific program on the market”

The Nursing Staff works in the care and attention of the pregnant woman ensuring basic care such as hygiene, comfort, psychological support and nutritional care, basic principles to ensure effective care. Thanks to the evolution of minimal intervention childbirth proposed by the Ministry of Health and Social Policy, the different health professionals who work with the pregnant woman must provide adequate and effective care, reducing unnecessary interventions to a minimum and ensuring the privacy of the pregnant woman as well as favoring the care of the newborn, such as cleaning, placing identification bracelets, etc., while remaining in close contact with the mother, favoring the maternal-filial bond.

The role of nursing in the evolution of the pregnant woman, the puerpera and her newborn is essential, provided by professionals dedicated directly to the care of the woman, as joint knowledge allows us to achieve care in favour of the recommendations on normal birth, as well as the latest standards developed in the Clinical Guide to Normal Birth published by the Ministry of Health and Social Policy this year.

This line of thought and action coincides with a strong change that has to take place in the relationship between health teams and the woman user, to move from a technical relationship to one in which the bioethical principle of autonomy and attention to the integrity of the person involved is prioritised. The aim is to comprehensively address the process that women face during childbirth and thus improve health outcomes for them and their babies.

The main purpose of this training course is to train nursing professionals to attend to people's health needs with scientific rigor and the highest professional level. This training was created in response to multiple needs of all professionals in the hospital environment, both those recently incorporated and those who have been providing their professional services for some time and who require constant updating in this very specific area of practice.

This Postgraduate Diploma in Assistance and Care of Women in Childbirth for Nurses contains the most complete and up to date scientific program on the market. The most important features of the program include:

- ♦ Development of clinical cases presented by experts in the different areas of multidisciplinary knowledge. 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.
- ♦ Advances in Assistance and Care of Women in Childbirth for Nurses.
- ♦ Algorithm-based interactive learning system for decision-making in the presented clinical situations.
- ♦ With a special emphasis on evidence-based nursing and research methodologies in Childbirth Care.
- ♦ All of this will be complemented by theoretical lessons, questions to the Postgraduate Diploma, debate forums on controversial topics, and individual reflection assignments.
- ♦ Content that is accessible from any fixed or portable device with an Internet connection.



Increase your competencies in the approach to the Assistance and Care of Women in Childbirth for Nurses through this program"

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This Postgraduate Diploma may be the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Assistance and Care of Women in Childbirth, you will obtain a Postgraduate Certificate diploma from TECH Technological University"

Its teaching staff includes health professionals belonging to the field of obstetrics and gynecology nursing, who contribute their work experience to this training, as well as recognized specialists belonging to leading scientific societies.

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 program to train in real situations.

This program is designed around Problem Based Learning, whereby the student must try to solve the different professional practice situations that arise during the course. This will be aided by an innovative interactive video system developed by renowned and experienced experts in the field of obstetrics and gynecology nursing.

Increase your confidence in decision making by updating your knowledge through this Postgraduate Diploma in Assistance and Care of Women in Childbirth for Nurses.

Don't miss the opportunity to update your knowledge in Assistance and Care of Women in Childbirth to improve patient care.



02

Objectives

The main objective of the program is the development of theoretical and practical learning, so that the nurse can master in a practical and rigorous way the study of the Assistance and Care of Women in Childbirth.



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This refresher program will generate a sense of confidence in the performance of nursing praxis, which will help you grow both personally and professionally”



General Objectives

- ♦ Acquire knowledge in specific obstetric care.
- ♦ Promote work strategies based on a comprehensive approach to the patient as a standard model for achieving excellent care.
- ♦ To favour the acquisition of technical skills and abilities, through a powerful audiovisual system, and the possibility of development through specific training.
- ♦ Encourage professional stimulus through continuing education and research.



Specific Objectives

- ♦ Involve the woman in decision-making throughout the process.
- ♦ Provide companion access at all times.
- ♦ Compliance with Decree 101/95, which determines the rights of parents and children in the healthcare environment during the birth process.
- ♦ Favours a climate of trust, security, and intimacy, respecting the privacy, dignity and confidentiality of women.
- ♦ Promotion of Breastfeeding.





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Make the most of the opportunity and take the step to get up to date on the latest developments in Nursing Care during Childbirth”

03

Course Management

This program includes in its teaching staff health professionals of recognized prestige, who belong to the field of obstetric-gynecological nursing and who bring to this training the experience of their work.

Also participating in its design and preparation are renowned specialists who are members of prestigious national and international scientific societies.





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Learn from leading professionals, the latest advances in nursing care during childbirth”

Management



Dr. Rodríguez Díaz, Luciano

- ♦ Matron. University Hospital of Ceuta
- ♦ Lecturer at the University Centre of Nursing of Ronda
- ♦ Lecturer in the Ceuta Midwifery Teaching Unit
- ♦ Member of the Obstetric and Gynecologic Emergency Group of the SEEUE.
- ♦ Responsible for Perinatal Health: Reproductive Sexual Health and Normal Childbirth of Ingesa.
- ♦ Member of the Clinical Commission for Research and Continuing Education of the University Hospital of Ceuta.
- ♦ Full member of the Institute of Ceuta Studies.
- ♦ Member of the Editorial Board of the European Journal of Health Research.
- ♦ Doctor from the University of Granada



Dr. Vázquez Lara, Juana María

- ♦ Nurse of the 061 of Ceuta
- ♦ Matron of the Ceuta Health Area
- ♦ Head of Studies of the Ceuta Midwifery Teaching Unit.
- ♦ Professor of the Ceuta Midwifery Teaching Unit
- ♦ Coordinator of the Obstetric and Gynecologic Emergency Group of the SEEUE.
- ♦ PhD from the University of Granada

Professors

Andrés Núñez, Carmen Patricia

- ♦ Specialist in Obstetrics and Gynecology at the University Hospital of Ceuta.

Carrasco Racero, María Mercedes

- ♦ Nurse and Internship Coordinator at the University Center of Ronda.

De Dios Pérez, María Isabel

- ♦ Midwife at the Zaragoza University Hospital

Díaz Lozano, Paula

- ♦ Midwife at the Ceuta University Hospital

Gilart Cantizano, Patricia

- ♦ Specialized Care Midwife Campo de Gibraltar and Quirón Campo de Gibraltar

Llinás Prieto, Lucía

- ♦ Nurse in Specialized Care Cadiz

Márquez Díaz, Antonio

- ♦ Midwife at Hospital Costa del Sol de Marbella and Hospital Quirón Campo de Gibraltar

Mérida Téllez, Juanma

- ♦ Midwife Costa del Sol de Marbella Hospital

Mérida Yáñez, Beatriz

- ♦ Dr. Primary Care Midwife Extremadura

Muñoz Vela, Francisco Javier

- ♦ Midwife in Specialized Care at the Maternal-Children's Hospital of Malaga

Palomo Gómez, Rocío

- ♦ Ceuta Specialized Care Midwife

Revidiego Pérez, María Dolores

- ♦ Specialized Care Midwife Campo de Gibraltar and Quirón Campo de Gibraltar

Rivero Gutiérrez, Carmen

- ♦ Ceuta Specialized Care Midwife

Rodríguez Díaz, David

- ♦ Nurse at Nuestra Señora de Candelaria University Hospital

Vázquez Lara, Francisco José

- ♦ Degree in Biological Sciences

Vázquez Lara, María Dolores

- ♦ Campo de Gibraltar Primary Care Nurse



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This Postgraduate Diploma in Assistance and Care of Women in Childbirth for Nurses contains the most complete and up to date scientific program on the market"

Module 1. Labor

- 1.1. Physiology of Uterine Contraction. Uterine Activity.
 - 1.1.1. Basic Physiological Aspects of Uterine Contraction.
 - 1.1.2. Basic Biochemistry of Uterine Contraction.
 - 1.1.3. Uterine Activity. Brief Historical Review.
 - 1.1.4. Components of Uterine Activity.
 - 1.1.5. Abdominal Muscles.
 - 1.1.6. Causes of Onset of Labor.
- 1.2. Factors Involved in Labor.
 - 1.2.1. The Fetus. Fetal Head.
 - 1.2.2. Fetal Statics.
 - 1.2.3. Leopold's Maneuvers.
 - 1.2.4. Obstetric Nomenclature Determined by Fetal Statics.
 - 1.2.5. Diagnosis by Vaginal Examination.
 - 1.2.6. Birth Canal.
 - 1.2.7. Pelvic Axis.
 - 1.2.8. Hodge Planes.
 - 1.2.9. Soft Birth Canal.
 - 1.2.10. Motor of Labor.
- 1.3. Assessment of Fetal Well-being.
 - 1.3.1. Evaluation of Fetal Activity.
 - 1.3.2. Non-stress Test (NST)
 - 1.3.3. Stress Test or Contraction Tolerance Test.
 - 1.3.4. Biophysical Profile.
 - 1.3.5. Amnioscopy.
 - 1.3.6. Ultrasound. Doppler Study.
 - 1.3.7. Bioelectronic Monitoring in Labor.
 - 1.3.8. Fetal Heart Rate Monitoring.
 - 1.3.9. Fetal Heart Rate Parameters.
 - 1.3.10. Biochemical Monitoring.

- 1.4. Onset of Labor and Periods of Labor.
 - 1.4.1. Onset of Labor. Prodromes of Labor.
 - 1.4.2. Dilatation Period.
 - 1.4.3. Expulsion Period.
 - 1.4.4. Delivery Period.
- 1.5. Delivery Mechanism in Vertex Presentation.
 - 1.5.1. Accommodation and Wedging in the Upper Strait.
 - 1.5.2. Descent and Intrapelvic Rotation.
 - 1.5.3. Flexion.
 - 1.5.4. Detachment.
 - 1.5.5. E. External Rotation and Shoulder Delivery .
- 1.6. Pharmacology in Childbirth.
 - 1.6.1. Pharmacokinetic Principles.
 - 1.6.2. Mechanisms of Action between Mother and Fetus.
 - 1.6.3. Use and Management of Pharmaceuticals in Childbirth.

Module 2. Assistance and Care of Women in Childbirth

- 2.1. Assessment and Care of the Woman.
 - 2.1.1. Diagnosis of Labor.
 - 2.1.2. The Partogram.
 - 2.1.3. Assistance and Care of the Woman during Dilatation.
 - 2.1.4. Assessment of the Evolution of Labor.
 - 2.1.5. Assistance and Care of the Woman during Expulsion.
 - 2.1.6. Episiotomy and Episiorrhaphy.
 - 2.1.7. Assistance and Care of the Woman during Childbirth.
 - 2.1.8. Collection and Donation of Umbilical Cord Blood.
 - 2.1.9. Protocol for Delivery Assistance.
- 2.2. Pain Relief in Labor. Physiology of Pain in Childbirth. Pain Perception.
 - 2.2.1. Physiology of Pain in Childbirth.
 - 2.2.2. Characteristics of Pain during Labor.
 - 2.2.3. Gate Theory.
 - 2.2.4. Perception of Pain in Childbirth.
 - 2.2.5. Non-pharmacological Techniques for Pain Relief in Labor.

- 2.3. Normal Childbirth Care. Birth Plan.
 - 2.3.1. Birth Plan.
 - 2.3.2. Biomechanics of Childbirth.
 - 2.3.3. Positions that Favor the Evolution of Labor.
 - 2.3.4. Protocol for Normal Delivery Assistance.
- 2.4. Obstetric Analgesia and Anesthesia.
 - 2.4.1. Nitrous Oxide
 - 2.4.2. Morphine.
 - 2.4.3. Local Anesthetic.
 - 2.4.4. Anesthesia in Pudendal.
 - 2.4.5. Peridural Analgesia
 - 2.4.6. General Anesthesia.
 - 2.4.7. Comparative Analysis of Anesthesia Techniques in Cesarean Section.
- 2.5. Assistance of the Woman in Directed Childbirth.
 - 2.5.1. Indications for Induction.
 - 2.5.2. Elective Induction.
 - 2.5.3. Contraindications for Induction
 - 2.5.4. Risks for Induction.
 - 2.5.5. Recommendations on Induction Information. Decision-Making.
 - 2.5.6. Induction Methods.
 - 2.5.7. Labor Stimulation.
 - 2.5.8. Assistance and Care of the Woman.
 - 2.5.9. Information.
 - 2.5.10. Techniques and Movement Restriction.
 - 2.5.11. Monitoring of Analgesia.
 - 2.5.12. Hydration and Ingestion.
 - 2.5.13. Expulsion Positions.
- 2.6. Psychological Aspects of the Mother during Childbirth.
 - 2.6.1. Family Relationship. Family and Professional Support during Childbirth.
 - 2.6.2. Psychological Factors during Labor.
 - 2.6.3. Psychological Factors during Expulsion.
 - 2.6.4. Mother-Child Interactions.
 - 2.6.5. Data on early Skin-to-skin Contact.
- 2.7. Different Alternatives in Obstetric Care.
 - 2.7.1. Hospital Birth.
 - 2.7.2. Birthing Centers.
 - 2.7.3. Home Birth.
 - 2.7.4. Maternal and Perinatal Risk Assessment.

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A unique, key, and decisive Training experience to boost your professional development”



05

Methodology

This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used 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.





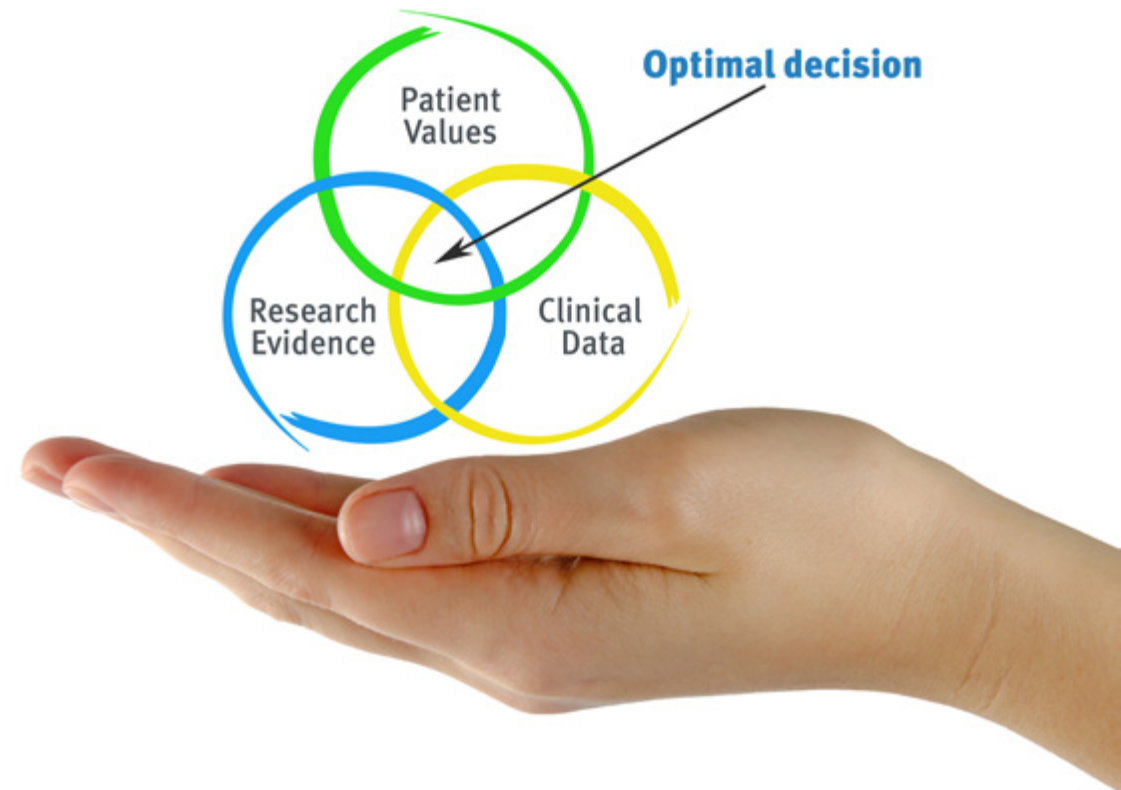
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Discover Re-learning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH Nursing School we use the Case Method

In a given clinical situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is abundant 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 university program.



Re-Learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our University is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which represent a real revolution with respect to simply studying and analyzing 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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 175,000 nurses with unprecedented success, in all specialties regardless of from the workload. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Re-learning 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 (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by our learning system is 8.01, according to the highest international standards.



In this Postgraduate Diploma you will have access to the best educational materials, prepared specifically for you:



Study Material

After a complex production process, we transform the best content into high-quality educational and audiovisual multimedia. We select the best syllabus and make it available to you. Everything you need to acquire in-depth knowledge of a discipline, from A to Z. Lessons written and chosen by specialists in each of the disciplines.



Surgical Techniques and Clinical Procedures on Video

We bring you closer to the latest techniques, to the latest scientific advances, to the forefront of today's news. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



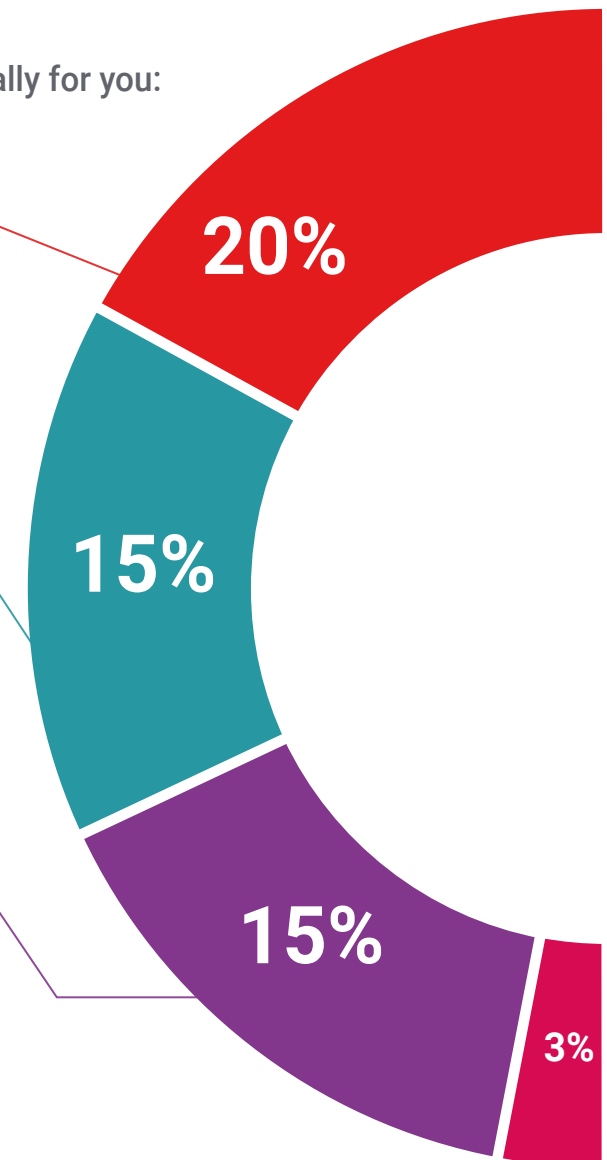
Interactive Summaries

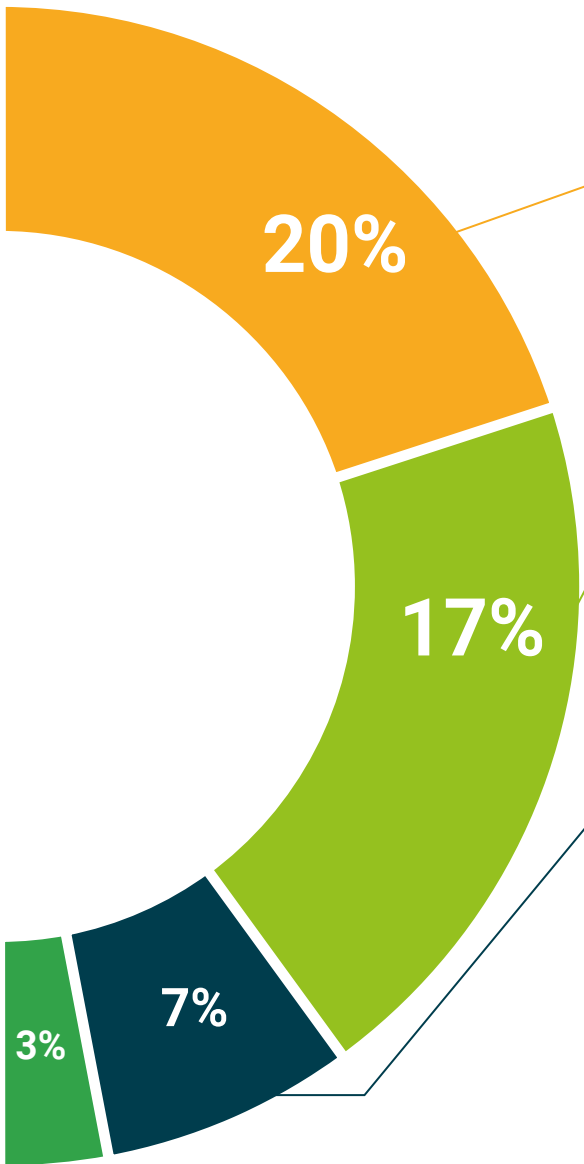
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge. This unique training system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... in our virtual library you will have access to everything you need to complete your training.





Postgraduate Diploma-Led Case Studies and Case Analysis

Through the narratives of expert professionals, it is possible to acquire a high degree of understanding of the most frequent problematic situations. The professional's healthcare practice is not alien to the context in which it takes place. If we want to train ourselves to improve our professional practice, this training must be situated within the context in which it takes place.



Testing & Re-testing

We periodically evaluate and re-evaluate your knowledge throughout this program through activities and evaluative exercises.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful. Learning from an expert strengthens knowledge and recall, and generates confidence in our future difficult decisions



Quick Action Guides

One of the most important functions of our team is to select those contents considered essential and present them in the form of worksheets or quick action guides to facilitate their understanding.



06

Certificate

The Postgraduate Diploma in Assistance and Care of Women in Childbirth for Nurses guarantees you, in addition to the most rigorous and up to date training, access to a Postgraduate Diploma certificate, issued by TECH Technological University.



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Successfully complete this training and receive your Postgraduate Diploma without travel or laborious paperwork”

This **Postgraduate Diploma in Assistance and Care of Women in Childbirth for Nurses** contains the most complete and up to date scientific program on the market.

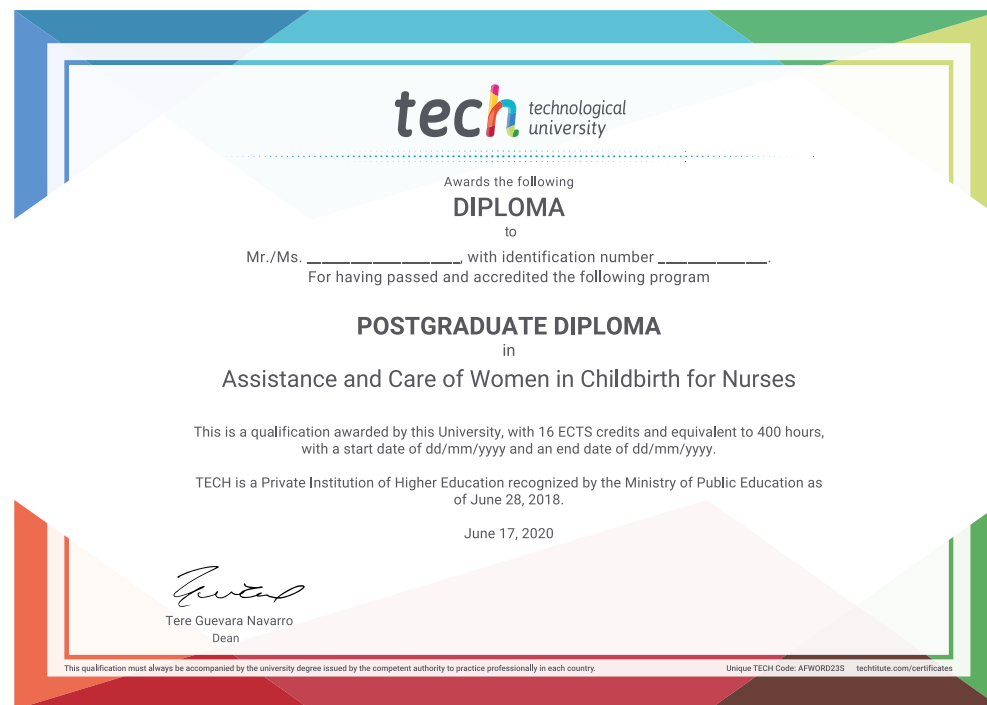
After the student has passed the evaluations, they will receive by mail with acknowledgment of receipt their corresponding **Postgraduate Diploma** issued by **TECH Technological University**.

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

Title: **Postgraduate Diploma in Assistance and Care of Women in Childbirth for Nurses**

ECTS: 16

Official Number of Hours: 400



*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
classroom



Postgraduate Diploma
Assistance and Care of
Women in Childbirth
for Nurses

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Technological University**
- » Dedication: **16h/week**
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Postgraduate Diploma

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