

# Postgraduate Certificate

## Physiology of Breastfeeding for Nursing



## Postgraduate Certificate Physiology of Breastfeeding for Nursing

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 5 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/nursing/postgraduate-certificate/physiology-breastfeeding-nursing](http://www.techtute.com/us/nursing/postgraduate-certificate/physiology-breastfeeding-nursing)

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# 01

# Introduction

Knowledge of the physiology of breastfeeding is a prerequisite for adequate supportive intervention by the nursing staff. An apprenticeship that requires updating in all the advances that have been made in this area of work.

In this Postgraduate Certificate we have compiled all these developments for you, in order to provide you with the most complete update in this regard.



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*An intensive Postgraduate Certificate in Breastfeeding Physiology that will provide the nursing professional with the ability to intervene in this area with the certainty of having the best training in the subject"*

Breastfeeding provides significantly better protection than artificial feeding against diarrheal diseases and respiratory infections in children, the main causes of mortality in low-income populations. In 1993, WHO estimated that 1.5 million infant deaths could be prevented each year through effective breastfeeding. In addition, formula milk is not only expensive, but can be a risk factor for malnutrition, as some mothers may be tempted to dilute it or switch prematurely to other forms of feeding. On the other hand, in some high-income countries many mothers stop breastfeeding earlier than they wish; although about 80% of mothers decide to breastfeed when they give birth, only 36% continue six months after delivery. Many mothers stop breastfeeding because they have a mistaken perception that their milk does not nourish their newborn, they lose confidence in themselves and that they are producing enough milk for their child to be properly nourished.

In the last three decades, the low incidence and duration of breastfeeding have been recognized as a public health problem.

The European Action Plan for the protection, promotion and support of breastfeeding recognizes breastfeeding as a public health priority. Society suffers from the detriments of non-breastfeeding, since artificial breastfeeding means an increase in health care costs due to the greater disease associated with non-breastfeeding; the mother has a greater risk of postpartum hemorrhage, spinal and hip fracture after menopause, rheumatoid arthritis, uterine, breast and ovarian cancer, hypertension, anxiety and depression. The increased disease of non-breastfed infants and their mothers leads to an increase in absenteeism from work, and companies are also suffering from these effects. Breastfed children cause less expenses to their families, to society in medicines and use of health services and cause fewer losses due to absenteeism from work, and we must not forget that it saves natural resources, does not pollute the environment and does not need to spend on manufacturing, packaging or transportation.

This **Postgraduate Certificate in Physiology of Breastfeeding for Nursing** contains the most complete and up-to-date scientific program on the market. The most important features of the program include:

- ♦ The development of case studies presented by experts in Diseases 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.
- ♦ New developments on Diseases and Breastfeeding.
- ♦ Practical exercises where self-assessment can be used to improve learning.
- ♦ Emphasis on innovative methodologies in Diseases 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



*A Postgraduate Certificate that will provide you with knowledge of the most innovative processes and support systems, endorsed by scientific evidence"*

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*This Postgraduate Certificate may be the best investment you can make when choosing a refresher program for two reasons: in addition to updating your knowledge in Physiology of Breastfeeding for Nursing, you will obtain a certificate from TECH Global University"*

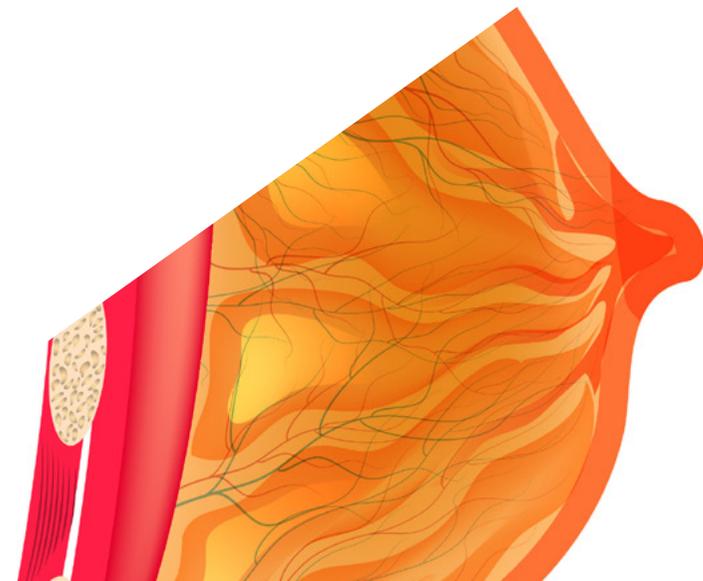
It includes in its teaching staff professionals belonging to the field of Physiology of Breastfeeding for Nursing, who pour into this training the experience of their work, in addition to recognized specialists belonging to reference societies and prestigious universities.

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 an immersive training program to train in real situations.

The design of this program is based on Problem-Based Learning, by means of which the student must try to solve the different professional practice situations that arise throughout the program. For this, the student will be assisted by an innovative interactive video system developed by recognized experts in the field of Physiology of Breastfeeding for Nursing, and with extensive teaching experience.

*With a complete and innovative audiovisual support that will make learning an interesting and stimulating experience.*

*The most complete update of the online teaching market in Physiology of Breastfeeding in a specific Postgraduate Certificate for Nursing*



# 02 Objectives

Incorporate into your professional activity the ways of intervening in breastfeeding of the new advances, supporting your performance in a deep knowledge of the Physiology of Breastfeeding. A complete and efficient Postgraduate Certificate that will allow you to acquire new skills with the ease of the best training technology of the moment.



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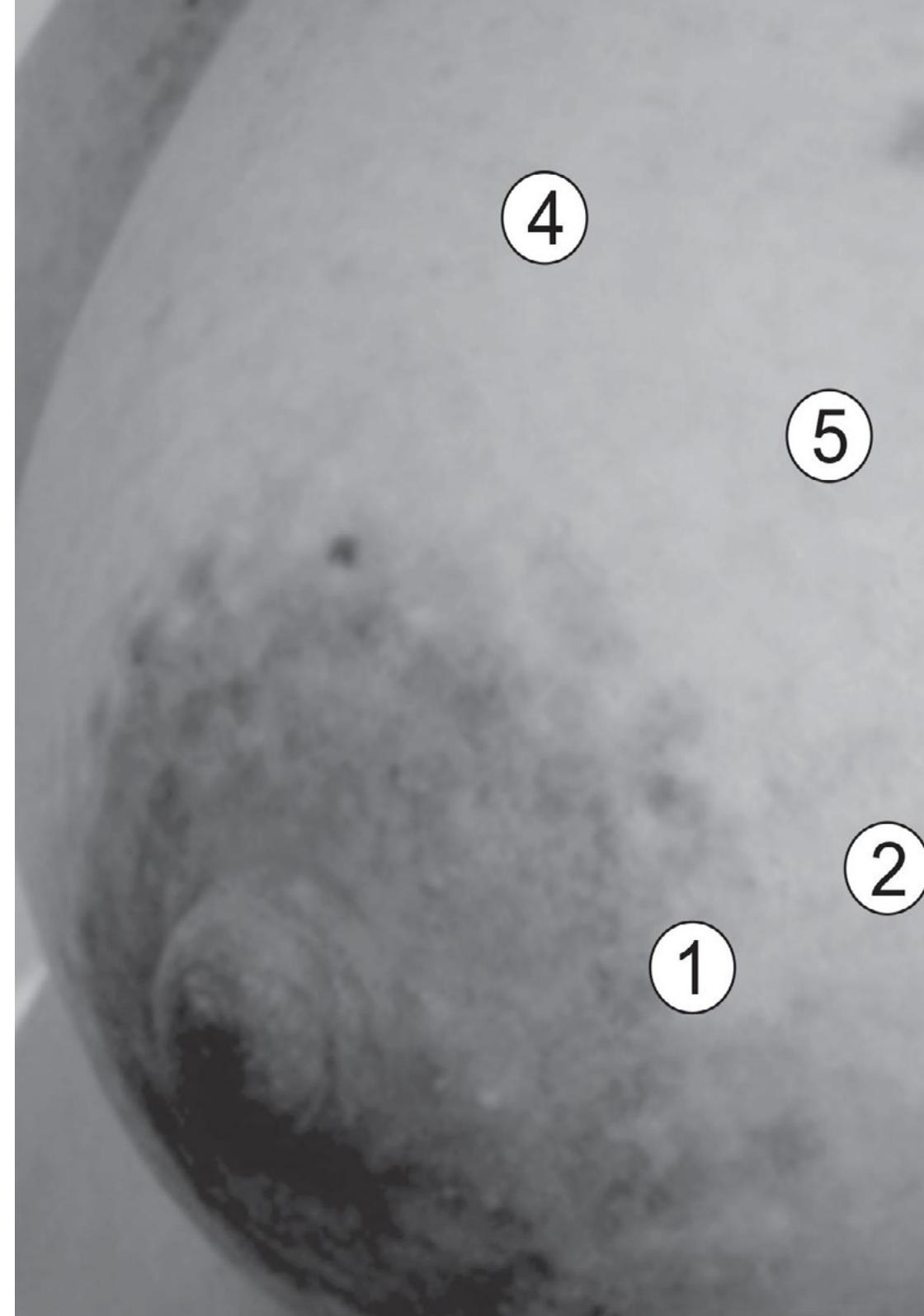
*A professional, stimulating and affordable growth job that will allow you to achieve your goals with confidence"*



## General Objectives

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- Update knowledge in Breastfeeding.
- Promote work strategies based on a comprehensive approach to care for breastfeeding-conscious mothers as a reference model for achieving excellence in care.
- Encourage the acquisition of technical skills and abilities, through a powerful audiovisual system, and the possibility of development through online simulation workshops and/or specific training





## Specific Objectives

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- Update knowledge about the Physiology of Breastfeeding.
- Describe the anatomy of the lactating breast.
- Detect bad latching positions of the baby that may alter the development of feeding.

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03

# Course Management

The program includes in its teaching staff reference specialists in Physiology of Breastfeeding for Nursing, who pour into this training the experience of their work. In addition, other specialists of recognized prestige participate in its design and elaboration, completing the program in an interdisciplinary manner.





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*Learn from leading professionals in a Postgraduate Certificate created by the best specialists in the sector”*

## Management



### Dr. Rodríguez Díaz, Luciano

- ♦ PhD from the University of Granada
- ♦ Obstetric-Gynecological Nursing Specialist (Midwife)
- ♦ University Hospital of Ceuta from 2006 to present day
- ♦ Lecturer in the Ceuta Midwifery Teaching Unit
- ♦ SEEUE obstetric-gynecologic emergencies group member.
- ♦ Responsible for Perinatal Health: Reproductive Sexual Health and Normal Childbirth of Ingesa.
- ♦ Reviewer of the journal *Enfermería Clínica*. Elsevier.
- ♦ Full member of the Institute of Ceuta Studies.



### Dr. Vázquez Lara, Juana María

- ♦ PhD from the University of Granada
- ♦ Obstetric-Gynecological Nursing Specialist (Midwife)
- ♦ Health Area of Ceuta from 2000 to present day
- ♦ Head of Studies and Professor of the Ceuta Midwifery Teaching Unit
- ♦ Coordinator of SEEUE Obstetric-Gynecologic emergencies group
- ♦ Reviewer of the journal *Enfermería Clínica*. Elsevier.

## Professors

### **Alcolea Flores, Silvia**

- ◆ Midwife Ceuta University Hospital

### **Fernández, Francisco Javier**

- ◆ Midwife Hospiten Hospital Estepona

### **Gilart Cantizano, Patricia**

- ◆ Midwife Quirón Campo de Gibraltar Hospital

### **Gómez Losada, Patricia**

- ◆ Midwife Quirón Campo de Gibraltar Hospital

### **Mérida Tellez, Beatriz**

- ◆ Midwife Granada Hospital

### **Mohamed Mohamed, Dina**

- ◆ Midwife Ceuta University Hospital

### **Palomo Gómez, Rocío**

- ◆ Midwife Ceuta University Hospital

### **Rodríguez Díaz, David**

- ◆ Nurse at La Candelaria Hospital in Tenerife

### **Vázquez Lara, Francisco**

- ◆ Degree in Biology

### **Vázquez Lara, M<sup>a</sup> Dolores**

- ◆ Campo de Gibraltar Health Area Nurse



**Armijo Navarro, Elena**

- ♦ Midwife San Sebastián Hospital

**Carrasco Guerrero, Manuel**

- ♦ Midwife Ceuta University Hospital

**De Dios Pérez, María Isabel**

- ♦ Midwife Ceuta University Hospital

**De la Cabeza Molina Castillo, María**

- ♦ Midwife Ceuta University Hospital

**Del Pozo Álvarez, Lidia**

- ♦ Midwife Ceuta University Hospital

**Díaz Lozano, Paula**

- ♦ Midwife Ceuta University Hospital

**Gómez González, Irene**

- ♦ Midwife Ceuta University Hospital

**Hachero Rodríguez, Carmen María**

- ♦ Midwife Zaragoza Hospital

**Martín Ansedé, Esperanza**

- ♦ Pediatric Nurse University Hospital of Ceuta





**Martínez Picón, Claudia**

- ◆ Midwife Ceuta University Hospital

**Miquelajáuregui Espinosa, Araceli**

- ◆ Midwife Ceuta University Hospital

**Mohamed Mohamed, Dina**

- ◆ Midwife Ceuta University Hospital

**Ortega del Valle, Silvia**

- ◆ Midwife Ceuta University Hospital

**Revidiego Pérez, María Dolores**

- ◆ Midwife Quirón Campo de Gibraltar Hospital

**Rojas Carmona, Belén**

- ◆ Midwife Ceuta University Hospital

# 04

# Structure and Content

The structure of the contents has been designed by a team of professionals from the best educational centers, universities and companies in the national territory, aware of the relevance of current training in order to intervene in the preparation and support of students, and committed to quality teaching through new educational technologies.



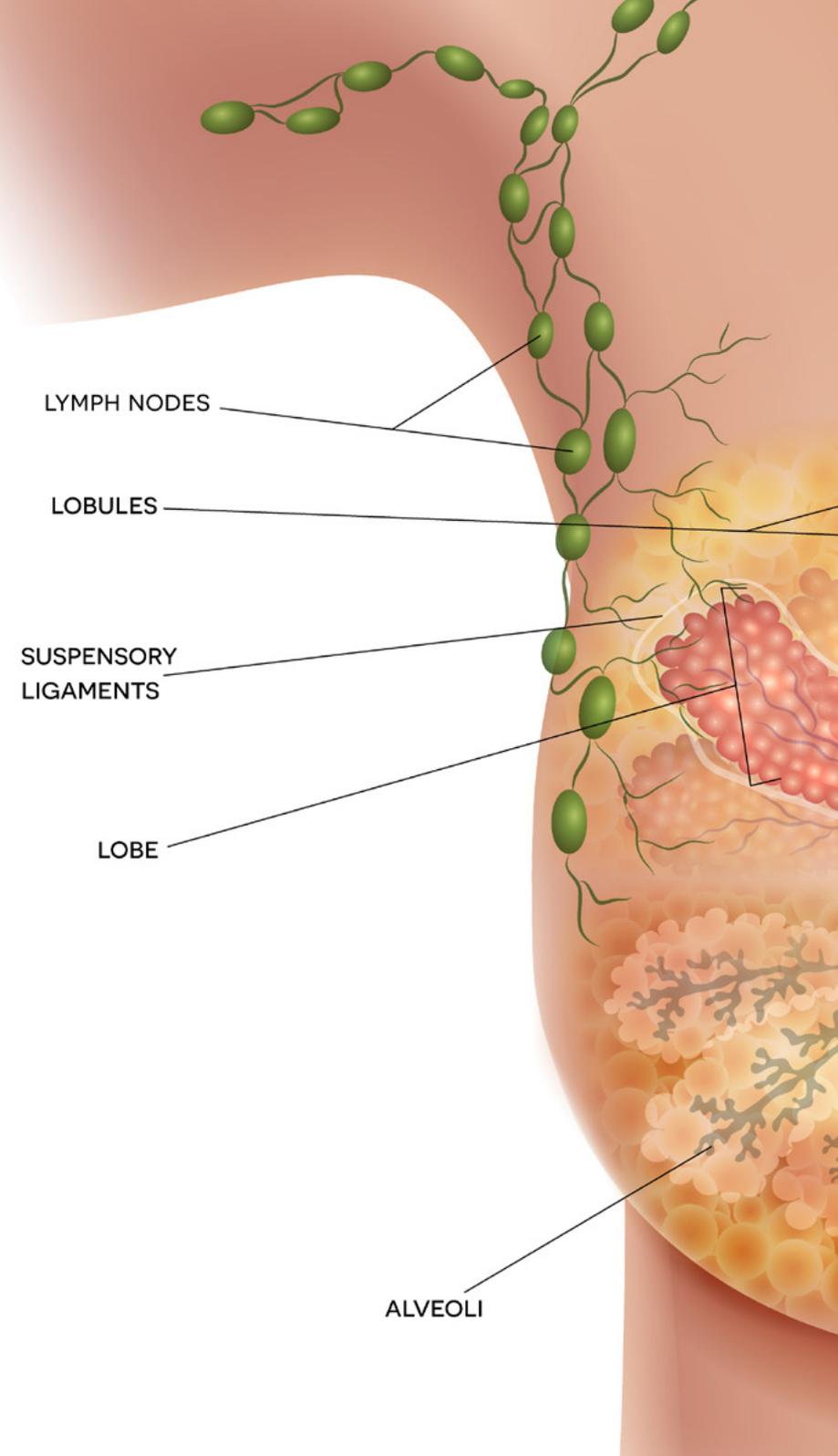


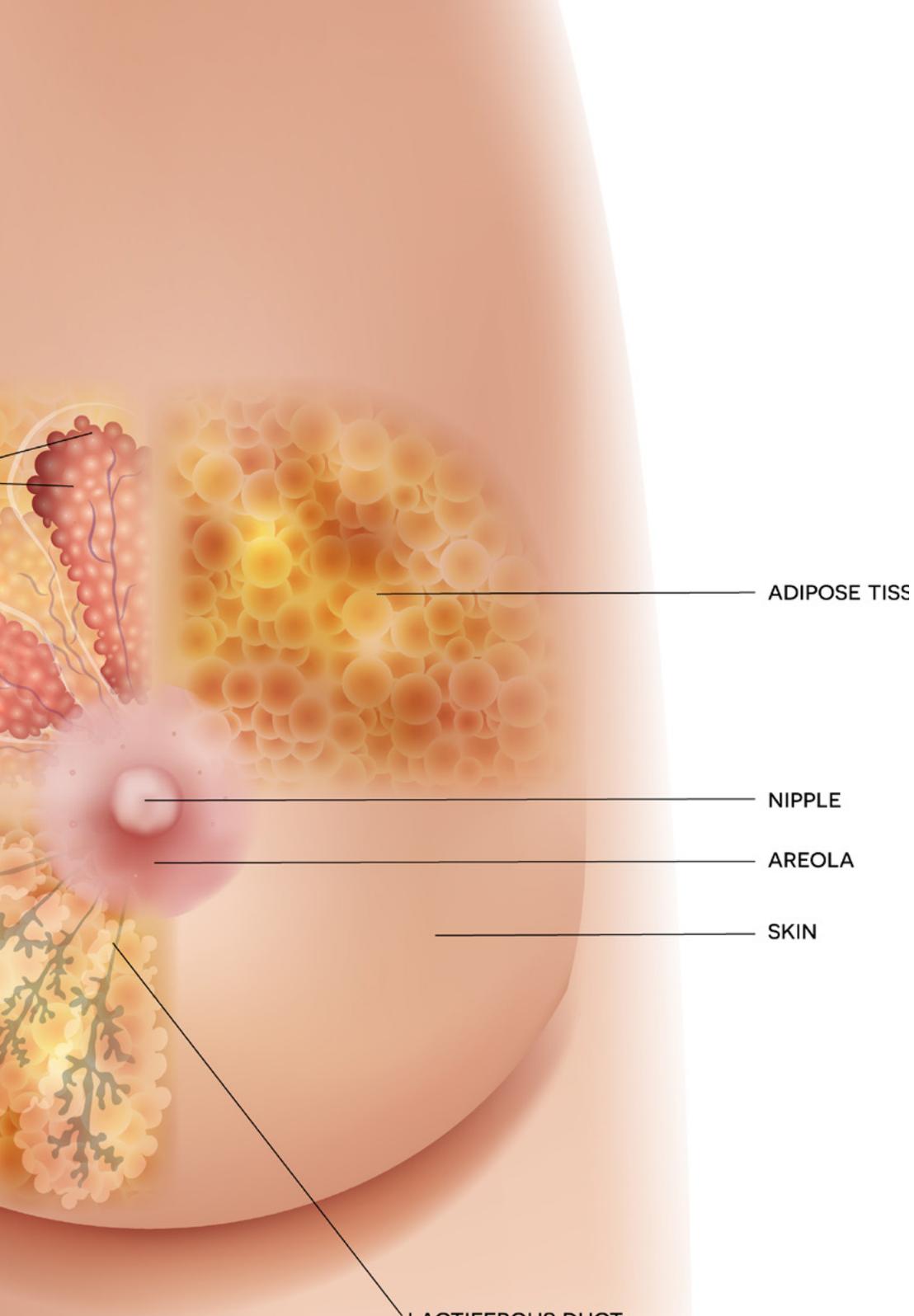
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*This Postgraduate Certificate in Physiology of Breastfeeding for Nursing contains the most complete and up-to-date scientific program on the market”*

## Module 1. Physiology and Clinical History in Breastfeeding

- 1.1. Anatomy of the Breast
  - 1.1.1. Surrounding Bony Structure of the Breast
  - 1.1.2. Muscular Structure of the Breast
- 1.2. Physiology of Breastfeeding
  - 1.2.1. Physiological Development of Breastfeeding
  - 1.2.2. Hormonal Circuit of Breastfeeding
- 1.3. Benefits of Breastfeeding for the Mother
  - 1.3.1. Concept
  - 1.3.2. The Benefits for the Mother in Breastfeeding
- 1.4. Benefits of Breastfeeding for Babies
  - 1.4.1. Concept
  - 1.4.2. The Benefits for the Baby in Breastfeeding
- 1.5. Evaluation of the Intake
  - 1.5.1. Indications on the Intake
  - 1.5.2. Inadequate Actions on the Intake
- 1.6. Signs of Good and Bad Hitching
  - 1.6.1. Hitching Concept
  - 1.6.2. Benefits of a Good Hitch
- 1.7. Recommended Positions
  - 1.7.1. Proper Breastfeeding Positions
  - 1.7.2. Inadequate Breastfeeding Positions





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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.



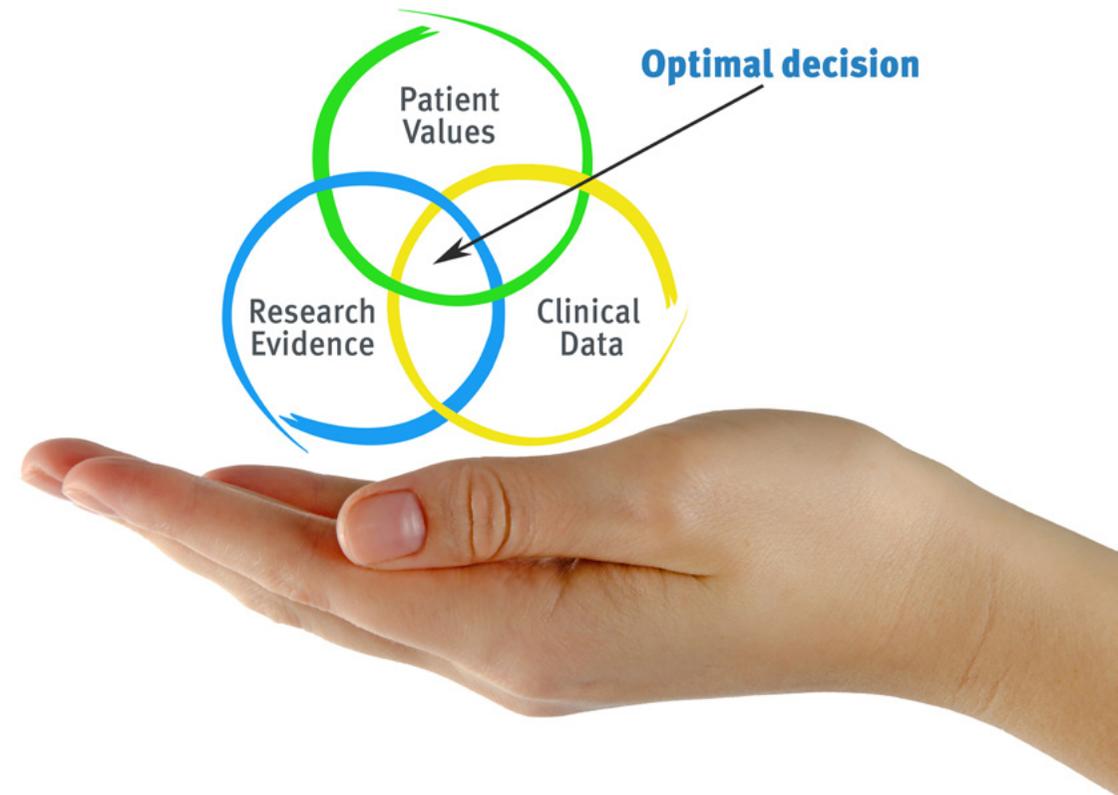
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*Discover Re-learning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## 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 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 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 program you will have access to the best educational material, prepared with you 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current nursing procedures and techniques. 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

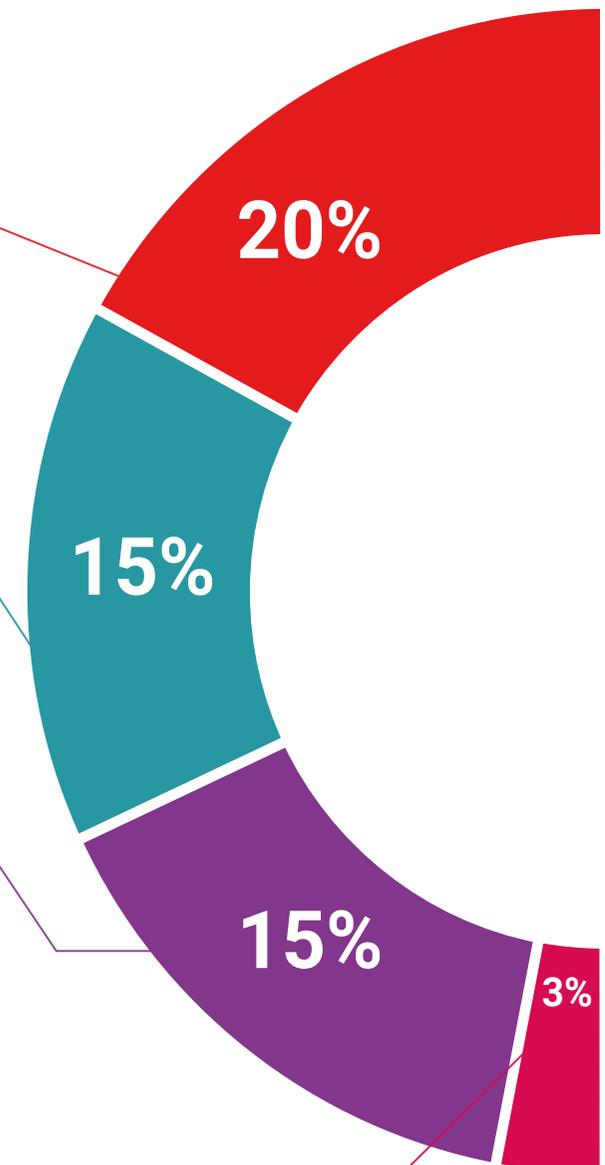
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

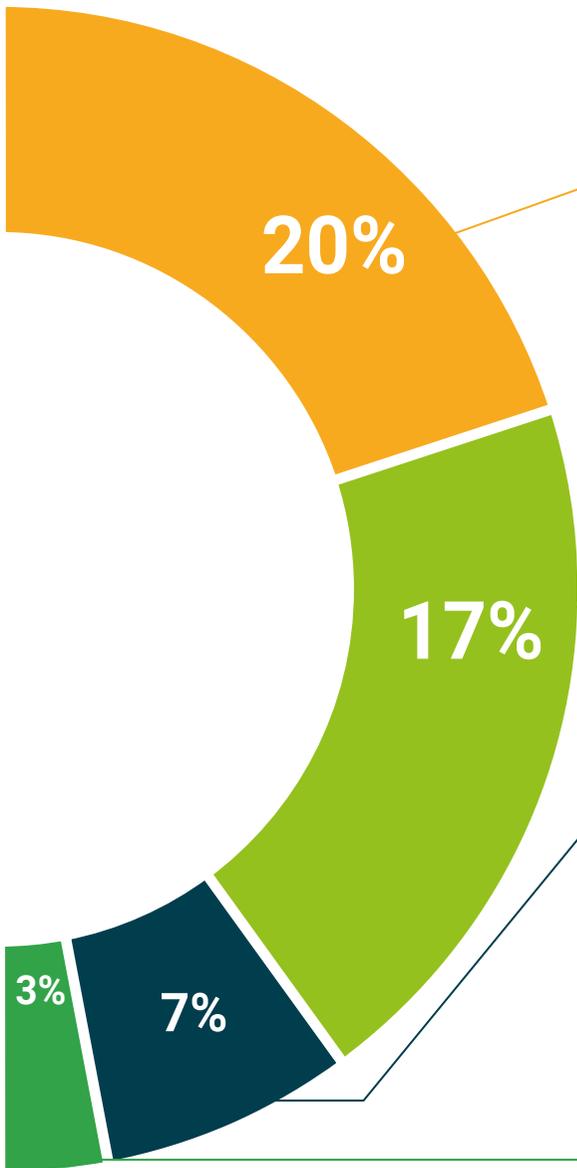
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



### Additional Reading

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





### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



### Testing & Re-Testing

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your 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 our difficult future decisions.



### Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



# 06 Certificate

The Postgraduate Certificate in Physiology of Breastfeeding for Nursing guarantees you, in addition to the most rigorous and up-to-date training, access to a certificate issued by TECH Global University.



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*Successfully complete this training and receive your certificate without the hassle of travel or paperwork”*

This private qualification will allow you to obtain a **Postgraduate Certificate in Physiology of Breastfeeding for Nursing** 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** private qualification 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 Physiology of Breastfeeding for Nursing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **5 ECTS**



future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present

online treatment

development languages

classroom

**tech** global  
university

**Postgraduate Certificate**  
Physiology of Breastfeeding  
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