

# Postgraduate Certificate Physiotherapy in Early Care





## Postgraduate Certificate Physiotherapy in Early Care

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

Website: [www.techtute.com/us/physiotherapy/postgraduate-certificate/physiotherapy-early-care](http://www.techtute.com/us/physiotherapy/postgraduate-certificate/physiotherapy-early-care)

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# 01

# Introduction

A professional in the field of early physical therapy is trained to know and promote the acquisition and development of functional capacities of children who have some pathology in motor development or sequelae from a prior medical condition. That is why they must meet the family and know the daily environment where the child develops so as to identify new treatments. Therefore, this program in Physiotherapy in Early Care will expand this and other topics to enhance the professional profile of our students.



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*A cutting-edge Postgraduate Certificate  
created to propel you towards greater  
competitiveness in the labor market”*

There is a wide variety of functions involved in movement, such as breathing, feeding, posture control, handling objects, and others. Because of this, there is great versatility of areas of intervention in pediatric physiotherapy, which is why professionals in the field are required to know, assess and incorporate therapeutic objectives and measures in care models according to the alteration presented by the child.

Based on the above, the main role played by physiotherapists in early care consists of assessing the possible functional capacities and difficulties of children, considering every aspect of their daily life, which also includes their close relatives. For this reason, it is essential to have highly trained professionals actively working in this field. During the Postgraduate Certificate in Physiotherapy in Early Care, the study and tools used in this field will be expanded, which are also supported by the scientific evidence that has emerged in recent years.

The extensive experience of the teaching staff and their training in the field of child physiotherapy, both nationally and internationally, positions this program above others on the market, so graduates will have an excellent reference. Both the course director and the professors on the program will put their knowledge and professional experience at the disposal of students in a practical manner. Therefore, this course will swiftly provide students with knowledge of every aspect related to Physiotherapy in Early Care.

A 100% online Postgraduate Certificate that provides the student with the ease of being able to study it comfortably, wherever and whenever they want. All you need is a device with internet access to take your career one step further. A modality according to the current times with all the guarantees to position the engineer in a highly demanded sector.

This **Postgraduate Certificate in Physiotherapy in Early Care** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The latest technology in online teaching software
- ♦ Intensely visual teaching system, supported by graphic and schematic contents, easy to assimilate and understand
- ♦ Practical cases presented by practising experts
- ♦ State-of-the-art interactive video systems
- ♦ Teaching supported by telepractice
- ♦ Continuous updating and recycling systems
- ♦ Autonomous learning: full compatibility with other occupations
- ♦ Practical exercises for self-evaluation and learning verification
- ♦ Support groups and educational synergies: questions to the expert, debate and knowledge forums
- ♦ Communication with the teacher and individual reflection work
- ♦ Content that is accessible from any fixed or portable device with an Internet connection
- ♦ Supplementary documentation databases are permanently available, even after the program



*Acquire specialized knowledge  
of various new therapies in  
Physiotherapy in Early Care"*

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*With this Postgraduate Certificate you will be able to enhance your professional skills by conducting a session from a psychomotor perspective”*

The program's teaching staff includes professionals from the sector who contribute their work experience to this 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 specialization programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts.

*You will master different skills to execute techniques as applied in aquatic physiotherapy.*

*Update your knowledge with this program in Physiotherapy in Early Care.*



# 02 Objectives

This Postgraduate Certificate has been created from start to finish to be a tool for personal and professional growth for physiotherapists by gaining deeper insight into the key medical advances in Physiotherapy in Early Care. The knowledge acquired in the development of the points of the syllabus will drive the professional from a global perspective, with full capacity to achieve the proposed goals. Students will develop comprehensive skills to assess and delve into the importance of the child's environment and new, scientifically based treatment techniques. To this end, TECH establishes a series of general and specific objectives to fulfill future graduates' expectations.



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*With a real practical objective, this Postgraduate Certificate will allow you to achieve your goals while boosting your CV to a higher level of excellence”*



## General Objectives

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- ♦ Facilitate specializing in Physiotherapy in Early Care
- ♦ Reinforce the importance of the role of the family
- ♦ Acquire extensive knowledge of normal and pathological development in children
- ♦ Describe the assessment and evaluation methods used in Early Childhood Physiotherapy
- ♦ Gain detailed knowledge of frequent childhood pathologies
- ♦ Recognize methods, techniques and tools used in Early Care treatments

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*A unique opportunity to specialize  
and stand out in a highly in-  
demand sector for professionals”*





## Specific Objectives

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- ♦ Grasp the importance of natural environments and the new currents of intervention
- ♦ Master play in its different stages as an effective treatment tool
- ♦ Thoroughly know the most used techniques with the highest level of scientific evidence in the treatment of balance difficulties, standing, postural control, mobility, etc.
- ♦ Elaborate a standard session from the perspective of psychomotor skills
- ♦ Acquire knowledge of physiotherapy in the aquatic environment
- ♦ Identify the main technical and orthopedic aids for posture and mobility in childhood
- ♦ Delve deeper into the context of prematurity and the importance of accompaniment
- ♦ Present other specific and relevant methods used in Physiotherapy in Early Care



# 03

## Structure and Content

The syllabus has been designed based on the requirements in Physiotherapy in Early Care, allowing students to be aware of the importance of the patient's environment and the new, scientifically based therapies. This has established a curriculum whose classes offer a broad perspective of the various techniques used to work motor impairment and, thus, develop a session from a psychomotor perspective. Student will see their knowledge broadened from the very beginning, which will enable them to develop professionally with the support and assistance of a team of experts.



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*The content on this Postgraduate Certificate has been developed with a clear purpose: To ensure our students acquire all the skills they need to enhance their careers”*

## Module 1. Physiotherapy in Early Care

- 1.1. Family-Centered Care
  - 1.1.1. Benefits of Family-Centered Care in Early Childhood Care
  - 1.1.2. Current Family-Centered Models
- 1.2. Play as a Therapeutic Method
  - 1.2.1. Game and Toy Proposals for 0-6 Month-Olds
  - 1.2.2. Game and Toy Proposals for 6-12 Month-Olds
  - 1.2.3. Game and Toy Proposals for 1-2 Year-Olds
  - 1.2.4. Game and Toy Proposals for 2-3 Year-Olds
  - 1.2.5. Game and Toy Proposals for 3-4 Year-Olds
  - 1.2.6. Game and Toy Proposals for 4-5 Year-Olds
  - 1.2.7. Game and Toy Proposals for 5-6 Year-Olds
- 1.3. Balance
  - 1.3.1. The Evolutionary Development of Balance
  - 1.3.2. Balance-Related Disorders
  - 1.3.3. Tools to Work on Balance
- 1.4. Aquatic Therapy
  - 1.4.1. Properties of Water
  - 1.4.2. Physiological Effects Caused by Immersion
  - 1.4.3. Aquatic Therapy Contraindications
  - 1.4.4. Evidence for Aquatic Therapy in Children with Disabilities
  - 1.4.5. Aquatic Therapy Methods: Halliwick, Water Specific Therapy (WST) and Bad Ragaz Ring Method
- 1.5. Orthopedic and Mobility Aids
  - 1.5.1. Lower Limb Orthoses
  - 1.5.2. Upper Limb Orthoses
  - 1.5.3. Mobility Aids
  - 1.5.4. Actions Performed by Physiotherapists





- 1.6. Sitting and Pelvic Seating
- 1.7. Psychomotor Skills
  - 1.7.1. Theoretical Framework of Psychomotor Skills
  - 1.7.2. Practical Application of Physiotherapy Sessions in Early Care
- 1.8. Physiotherapy in Premature Infants
- 1.9. Standing Programs
  - 1.9.1. The Evolutionary Development of the Hip
  - 1.9.2. Tools to Promote Standing
  - 1.9.3. Standing Programs
- 1.10. Other Therapies
  - 1.10.1. Bobath
  - 1.10.2. Vojta
  - 1.10.3. Shantala Massage
  - 1.10.4. Le Metayer

“A comprehensive academic program, structured in well-developed teaching units, focused on learning with a high educational impact”

# 04 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.





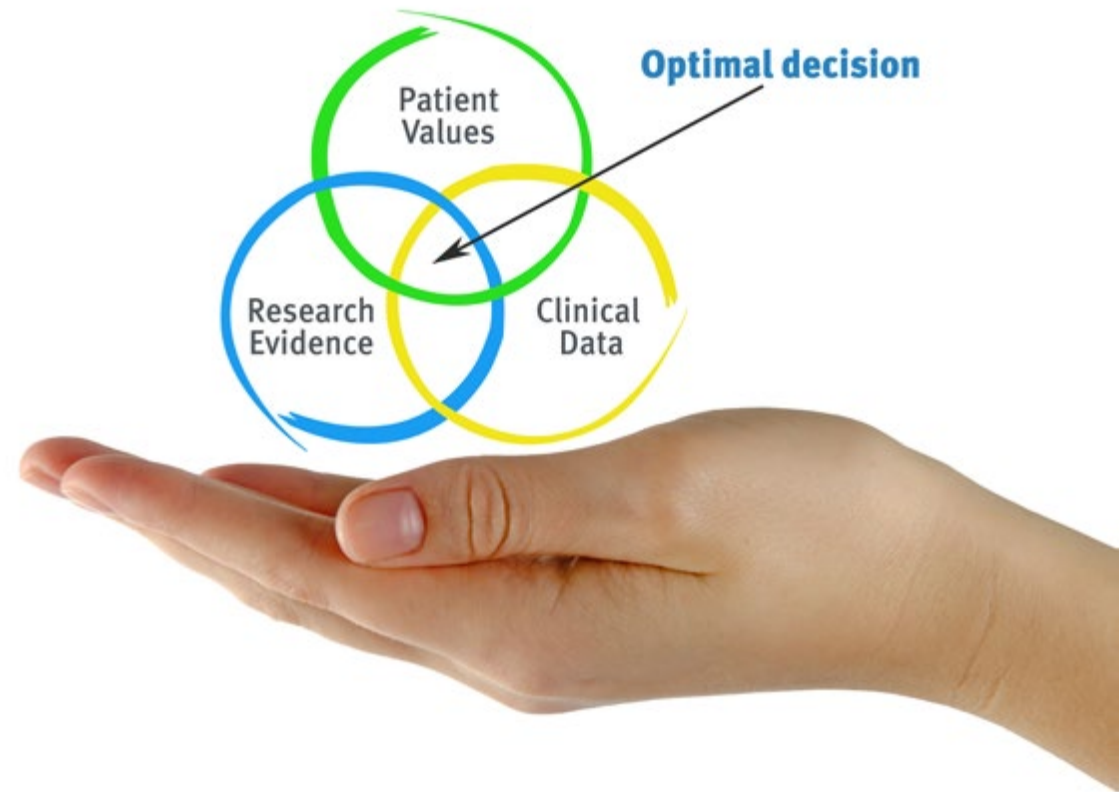
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH we use the Case Method

What should a professional do in a given situation? 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. Physiotherapists/kinesiologists learn better, faster, and more sustainably over time.

*With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.*



According to Dr. Gérvás, 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, trying to recreate the real conditions of professional physiotherapy 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. Physiotherapists/kinesiologists 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 physiotherapist/kinesiologist to better integrate into the real world.
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 the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

*The physiotherapist/kinesiologist 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).

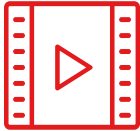
With this methodology we trained more than 65,000 physiotherapists/kinesiologists with unprecedented success in all clinical specialties, regardless of the workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic 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 training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for 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 our 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.



#### Physiotherapy Techniques and Procedures on Video

TECH brings students closer to the latest techniques, the latest educational advances and to the forefront of current Physiotherapy techniques and procedures. 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

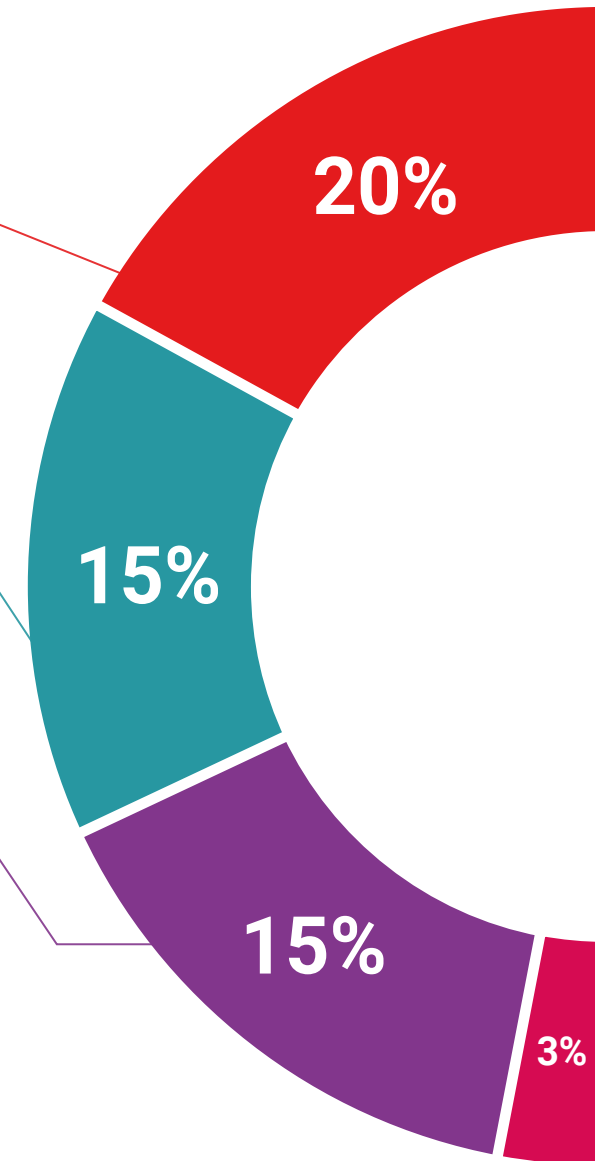
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

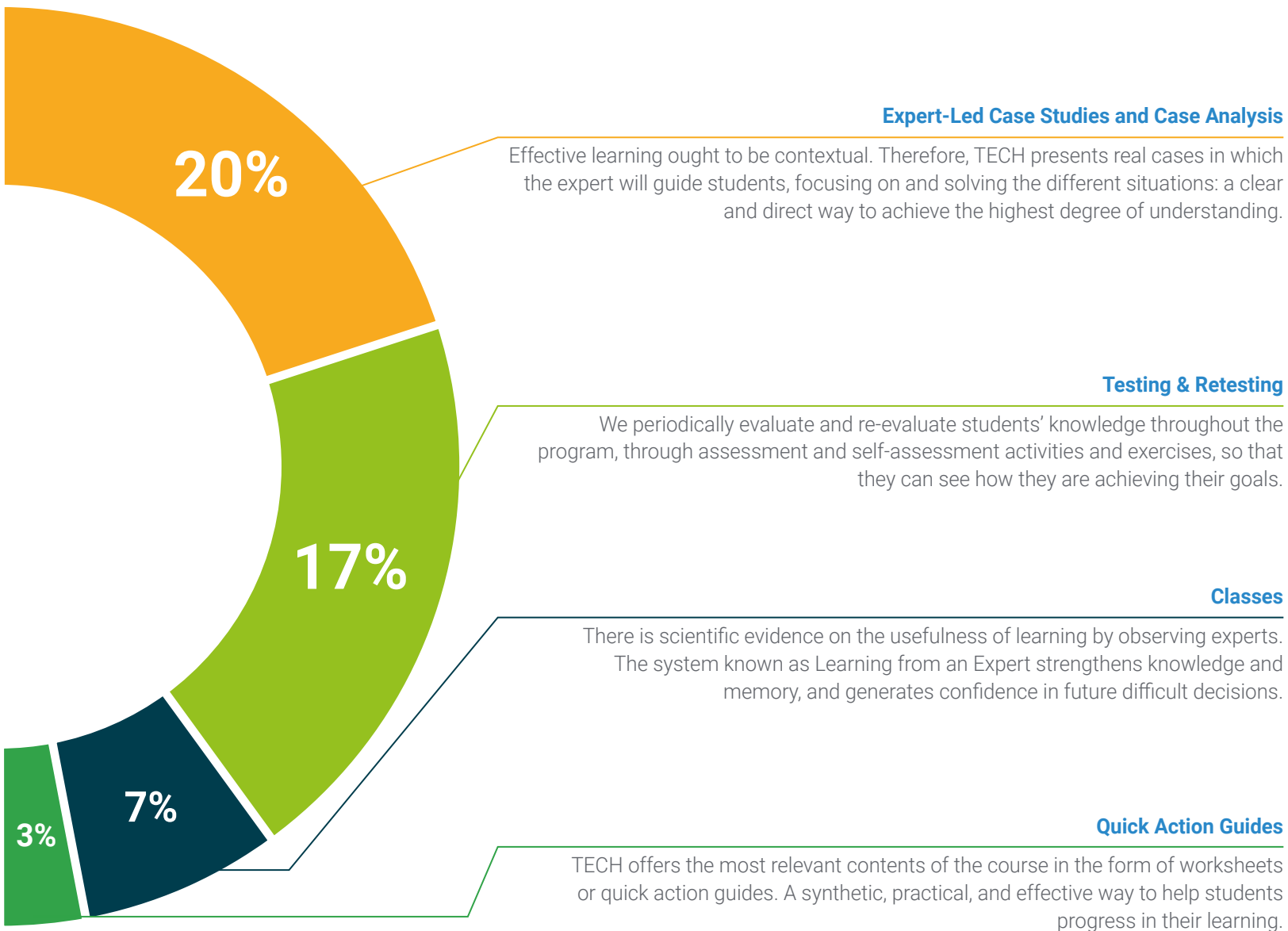
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



#### 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.





# 05 Certificate

The Postgraduate Certificate in Physiotherapy in Early Care guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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*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 Physiotherapy in Early Care** 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 Physiotherapy in Early Care**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





## Postgraduate Certificate Physiotherapy in Early Care

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# Postgraduate Certificate

## Physiotherapy in Early Care

