

# Postgraduate Certificate

## Nursing Care for Children with Health Problems





## Postgraduate Certificate Nursing Care for Children with Health Problems

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace

Exams: online Website: [www.techtute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-nursing-care-children-health-problems](http://www.techtute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-nursing-care-children-health-problems)

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# 01

# Introduction

Pediatric nursing is the part of the nursing discipline that focuses on providing care to the child at all stages of life, especially during periods of illness, in order to solve health problems. This program is oriented to update the nursing professional's knowledge, in a practical way, so that they can provide care to the sick child based on the latest scientific evidence.





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*With the Postgraduate Certificate in Nursing Care for Children with Health Problems you have the opportunity to update your knowledge in a practical way and without sacrificing scientific accuracy, in order to incorporate the latest advances in the nursing care of pediatric patients”*

Pediatric nurses are responsible for the care of the child at all stages of their development. Problems in the early stages of their lives will influence their future development, so it is very important that the care provided by professionals is based on the latest scientific evidence, in order to contribute with quality and confidence to the proper development of the child.

The pediatric nursing professional, among all their attributions, must be able to provide comprehensive care to children with health problems, carrying out interventions aimed at resolving pathological situations and improving children's quality of life at all stages of their development.

This Postgraduate Certificate is oriented to facilitate the updating of the nursing professional's knowledge in order to be able to perform the necessary interventions in each case, resolving pathological situations and facilitating the growth of the child with health problems.

This **Postgraduate Certificate in Nursing Care for Children with Health Problems** has the most complete and up-to-date scientific program on the market. Its most notable features are:

- ◆ Clinical cases presented by experts in the different specialties. 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
- ◆ Latest innovations in Nursing Care for Children with Health Problems
- ◆ Presentation of practical workshops on procedures, nursing care and diagnosis and treatment techniques
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ All of this will be complemented by 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



*Update your knowledge through the Postgraduate Certificate in Nursing Care for Children with Health Problems in a practical way and adapted to your needs”*



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*This Postgraduate Certificate may be the best investment you can make when selecting a refresher program for two reasons: in addition to updating your knowledge of Nursing Care for Children with Health Problems, you will obtain a qualification from TECH Technological University”*

Its teaching staff includes renowned specialists in the field of neonatology, who contribute the experience of their work in the country's leading medical centers to this program.

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 academic experience programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the nursing professional must try to solve various typical professional practice situations that arise during the course. In order to do this, the nursing professional will be assisted by an innovative interactive video system, created by renowned and experienced experts in treating critical neonatal patients and with extensive teaching experience.

*This course allows training in simulated environments, which provide immersive learning programmed to train for real situations.*

*It includes clinical cases to bring the program's degree as close as possible to the reality of care in nursing.*



02

# Objectives

The main objective of the program is the development of theoretical and practical learning, so that the nursing professional can master in a practical and rigorous way the interventions and techniques used in healthy pediatric patient, in order to provide quality care.





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*This refresher program will generate a sense of security when practising nursing, which will help you grow both personally and professionally”*



## General Objective

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- Update the nursing professional's knowledge to be able to provide nursing care to children with health problems, to facilitate the recovery from pathological situations and the improvement of the child's quality of life





## Specific Objectives

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- Establish the vaccination schedule and vaccination in special situations
- Establish the main health problems of newborns

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*Make the most of the opportunity to learn about the latest advances in this field in order to apply it to your daily practice”*



03

# Course Management

The program's teaching staff includes renowned specialists in pediatric nursing, who carry out their clinical practice in the leading hospital centers, and who contribute the experience of their work to this program. In addition, other professional members of national and international scientific societies participate in its design and elaboration, complementing the teaching staff in an interdisciplinary manner.



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*Learn from leading professionals, the latest advances  
in Nursing Care for Children with Health Problems”*



## Guest Director



### Dr. Garcia Briñón, Miguel Ángel

- ◆ Emergency Services Supervisor at HCSC
- ◆ Supervisor at the Neonatal Unit at HCSC
- ◆ Degree in Nursing
- ◆ Master's Degree in Health Services and Health Companies Management
- ◆ Expert in Out-of-Hospital Accidents and Emergencies at the European University of Madrid
- ◆ Nurse collaborator in the Multipharma pharmaceuticals "InMEDIATE" study

## Management



### Ms. Alfaro Ramírez, Concepción

- ◆ Diploma in Nursing from the Catholic University of Valencia
- ◆ Specialist Nurse in Pediatric Nursing
- ◆ Nursing Supervisor for Pediatric Services at 9 de Octubre NISA Hospital in Valencia
- ◆ University Professor in: Diploma in Neonatal Nursing and Neonatal Intensive Care CEU - Cardenal Herrera University, Moncada, Valencia
- ◆ Lecturer in Child Nutrition Course at Nisa Hospital Foundation

## Professors

### Ms. Alonso Pérez, Marta

- ◆ Nurse in the Emergency Department at Clinical Hospital San Carlos in Madrid
- ◆ Degree in Nursing from the Complutense University of Madrid
- ◆ Master's Degree in Intensive Care Nursing from CEU San Pablo University
- ◆ Postgraduate Diploma in Nursing Processes and Interventions for Pediatric Patients in Life-threatening situations from the University of Avila
- ◆ Expert in Out-of-Hospital Accidents and Emergencies with FUDEN
- ◆ Course on Advanced Cardiopulmonary Resuscitation in Pediatrics and Neonatology

### Dr. Cozar López, Gabriel

- ◆ Nurse in the Emergency Department at Clinical Hospital San Carlos
- ◆ Diploma in Nursing from the University of Alcalá
- ◆ Master's Degree in Emergency and Critical Care in Nursing from the European University of Madrid
- ◆ Collaborator with the Health Research Institute at the Clinical Hospital San Carlos in Madrid
- ◆ Member of the teaching body of the Foundation for the Development of Nursing

### Dr. Estevez García, Adolfo

- ◆ Nurse in the Emergency Department, Hospital Clínico San Carlos, Madrid
- ◆ Diploma in Nursing from the European University of Madrid
- ◆ Specialist in Emergency Nursing and Outpatient Emergencies from the European University of Madrid
- ◆ Course on Pediatric Triage at Gregorio Marañón Hospital
- ◆ Laboratory technician specialized in Anatomic Pathology
- ◆ Nurse teaching collaborator at the Faculty of Nursing, Physiotherapy and Podiatry, Complutense University of Madrid for the clinical practice teaching of the nursing degree

### Ms. Espílez Laredo, Irene

- ◆ Nurse in the Emergency Department at the Clinical Hospital San Carlos in Madrid
- ◆ Degree in Nursing from the Complutense University of Madrid
- ◆ Master's Degree in Intensive Care from the University of Avila
- ◆ Pediatric Specialist in life-threatening situations with CODEM
- ◆ Expert in Out-of-Hospital Accidents and Emergencies

### Dr. López Ruiz, María Amparo

- ◆ Degree in Medicine and Surgery from the University of Valencia
- ◆ Pediatric Services at the 9 de Octubre University Hospital, Valencia
- ◆ University Professor in the Biomedical Sciences department at the CEU University of Cardenal Herrera-Moncada
- ◆ Postgraduate course director: Diploma in Neonatal Nursing and Neonatal Intensive Care at CEU Cardenal Herrera-Moncada University (Valencia) and NISA Hospitals Foundation (Valencia).

### Ms. Lorenzo Salinas, Almudena

- ◆ Nurse in the Emergency Department for adult and pediatric patients at Clinical Hospital San Carlos in Madrid
- ◆ Graduate in Nursing from the University School of Nursing Fundación Jiménez Díaz
- ◆ Specialist in Accidents and Emergencies at the School of Health Sciences of the Nursing Collegiate Organization, Center attached to the Complutense University of Madrid
- ◆ Course in Nursing in the neonatal adaptation to extrauterine life

**Ms. Lospitao Gómez, Sara**

- ♦ Cardiac Surgery Post-Surgical Intensive Care Unit (PCU) at 12 de Octubre Hospital
- ♦ Coronary Intensive Care Unit at 12 de Octubre Hospital
- ♦ Master's Degree in Critical Care from the Rey Juan Carlos I University
- ♦ Degree in Humanities from the European University of Madrid
- ♦ Degree in Nursing from the European University of Madrid.
- ♦ Postgraduate Diploma in Continuing Training from the Complutense University of Madrid.
- ♦ Internship tutor for undergraduate and graduate students in Nursing at the European University of Madrid (UEM) and Juan Carlos I University (URJC)
- ♦ Instructor for SVA by the National CPR Plan of SEMICYUC

**Mr. Mora Rivero, Jorge**

- ♦ Diploma in Nursing from the University of Alicante
- ♦ Master's Degree in Nursing Sciences
- ♦ Emergency Department Nurse in Elche University General Hospital
- ♦ University tutor for clinical training
- ♦ Professional teaching experience in University Masters and Postgraduate Courses.
- ♦ Postgraduate Diploma in Primary Care Emergencies
- ♦ Degree in Emergency Medical Transportation (SAMU)



**Ms. Roldán del Amo, Adela**

- ◆ Specialist Nurse in Pediatric Nursing
- ◆ University Diploma in Nursing from the University School of Nursing "Nuestra Señora de los Desamparados" of Valencia.
- ◆ Pediatric Nurse in the Pediatric Hospitalization Unit at NISA 9 de Octubre Hospital
- ◆ University Professor in "Diploma in Neonatal Nursing and Neonatal Intensive Care" at CEU-Cardenal Herrera University, Valencia
- ◆ University professor in the "First Aid, Cardiopulmonary Resuscitation and Emergency Situations" Course at CEU-Cardenal Herrera, Valencia



04

# Structure and Content

The structure of the contents has been designed by the team of professionals knowledgeable about the implications of learning in the daily practice of pediatric nurses, aware of the current relevance of teaching for professional development and assuring that the main issues in the current development of pediatric patient care are addressed.







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*This Postgraduate Certificate in Nursing Care for Children with Health Problems has the most complete and up-to-date scientific program on the market”*

## Module 1. Care for Children with Health Problems

- 1.1. Pediatric Dermatological Care
- 1.2. Nutrition and Endocrine Metabolism Disorders
- 1.3. Pediatric Care for Problems Related to the Digestive Tract
  - 1.3.1. Pediatric Care for Problems Related to the Digestive Tract: Gastroesophageal Reflux
  - 1.3.2. Pediatric Care for Problems Related to the Digestive Tract: Celiac Disease
  - 1.3.3. Pediatric Care for Problems Related to the Digestive Tract: Constipation
- 1.4. Psychosocial Approach in Pediatrics. ASD and ADHD
- 1.5. Pediatric Care for Problems Related to the Cardiovascular Tract. Congenital Heart Disease
- 1.6. Pediatric Care for Problems Related to the Respiratory Tract
  - 1.6.1. Pediatric Care for Problems Related to the Respiratory Tract: Managing a Child with a Persistent Cough Chronic cough
  - 1.6.2. Pediatric Care for Problems Related to the Respiratory Tract: Caring for Asthmatic Children
- 1.7. Acute Headache in Childhood
- 1.8. Palpebral and Lacrimal Pathology in Children
- 1.9. Pediatric Care for Problems Related to the Urinary Tract: UTI
- 1.10. Limping in Children





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

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

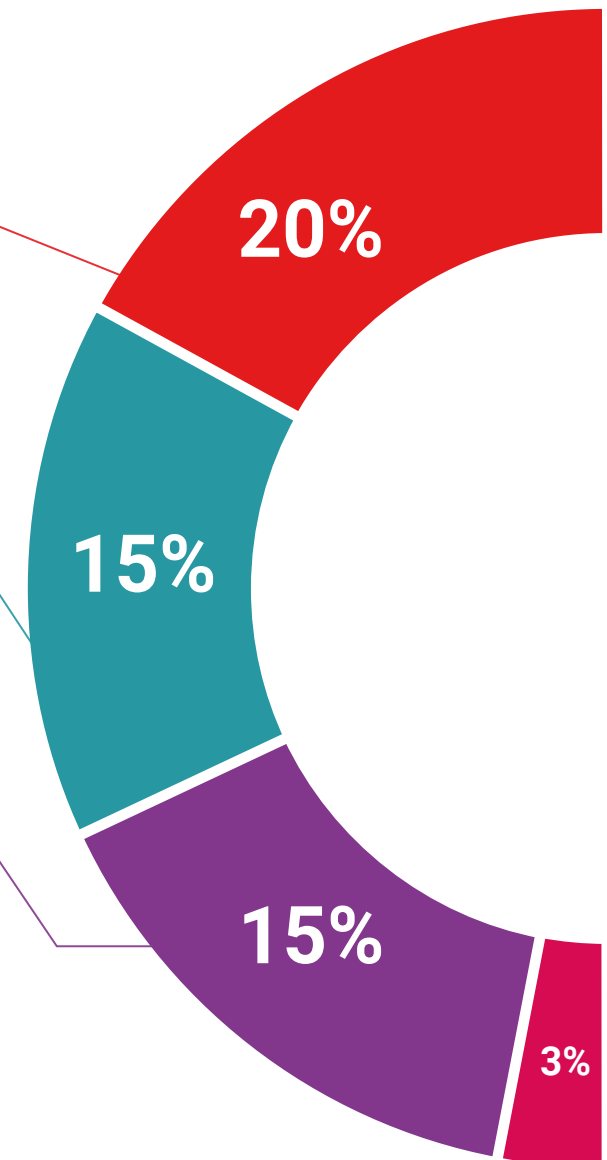
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

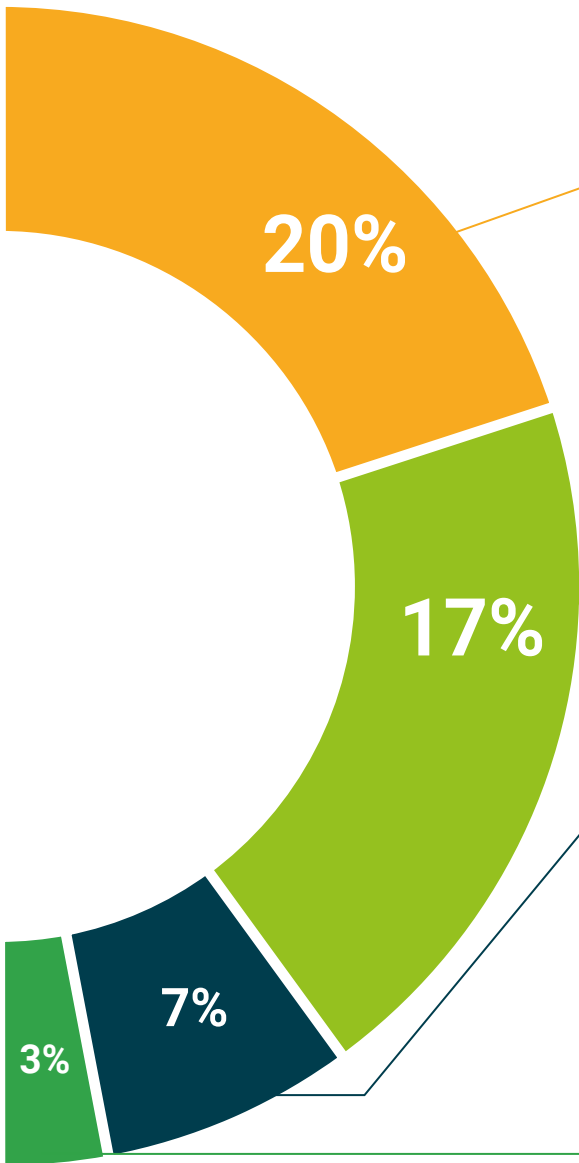


### Additional Reading

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 Nursing Care for Children with Health Problems guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this program  
and receive your university degree  
without travel or laborious paperwork”*

This **Postgraduate Certificate in Nursing Care for Children with Health Problems** has 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 diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations and professional career evaluation committees.

Title: **Postgraduate Certificate in Nursing Care for Children with Health Problems**

Official N° of hours: **150 h.**



\*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 languages  
virtual classroom



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