

Postgraduate Certificate Pediatric Palliative Care





Postgraduate Certificate Pediatric Palliative Care

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

Website: www.techtute.com/us/medicine/postgraduate-certificate/pediatric-palliative-care

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 18

05

Methodology

p. 22

06

Certificate

p. 30

01

Introduction

In recent years, there has been an increase in the provision of pediatric palliative care. In fact, the World Health Organization estimates that more than 21 million children need this medical care each year on a global scale. Given this, it is crucial that medical professionals are highly specialized in the clinical care of palliative children to ensure that they and their families receive appropriate support and care during this difficult time. This means that specialists must regularly update their knowledge to incorporate the most innovative techniques in this field into their practice. For this reason, TECH implements an online university program focused on symptom control in pediatric patients.



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Thanks to this Postgraduate Certificate based on Relearning, you will develop personalized care plans for children in palliative care and apply advanced treatments to reduce their pain”

The death of a child is a devastating experience that has a profound impact on all families. In the context of pediatric palliative care, it is vital that clinicians take a holistic approach that also addresses the medical and emotional needs of family members. This is especially important in children's last days, as this is a time when their loved ones experience a wide range of feelings ranging from sadness to conditions such as depression, anxiety or stress. Given this, physicians have the responsibility to design and implement interventions that provide psychological support to families and help them cope with the grieving process.

Within this framework, TECH is developing a pioneering and cutting-edge program in Pediatric Palliative Care. The academic itinerary will focus on the care of both terminally ill children and their families, with the aim of providing specialists with comprehensive assistance that meets all their needs. In this sense, the syllabus will go in depth on issues ranging from symptom control or pharmacology of analgesia to sedation processes. At the same time, the syllabus will provide graduates with the keys to manage conditions such as Dyspnea or Anxiety through the application of the most effective treatments. The program will also delve into Bereavement in Pediatrics, so that experts can provide emotional support to families.

The syllabus will be based on the innovative Relearning system, and will be accompanied by different multimedia resources, complementary readings and videos in detail. All this from a flexible methodology, which does not follow strict schedules, so that physicians can adjust the academic update to their other professional responsibilities. On the other hand, this TECH program stands out for providing an exclusive Masterclass, by a prestigious International Guest Director, which addresses the main innovations in Palliative Care.

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

- ♦ Practical cases presented by experts in Palliative Care
- ♦ The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable 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



TECH will provide you with a comprehensive Masterclass by a recognized international expert in Palliative Care. Do not miss the opportunity and enroll now”

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You will deepen in the Pharmacology of Analgesia in pediatric age and you will administer medications in a safe and effective way”

The program’s teaching staff includes professionals from the sector who contribute their work experience to this specializing 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 education 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 during the course. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

You will design intervention plans to emotionally support families during the grieving process.

The online methodology used in this program will allow you to choose the time and place to renew your knowledge, without hindering your professional work.



02 Objectives

Upon completion of this program, medical professionals will have a thorough understanding of the fundamentals of Pediatric Palliative Care. In this sense, specialists will provide comprehensive care to both patients and their families, including the management of pain and other symptoms. In this way, specialists will develop advanced competencies to plan and execute individualized care plans employing evidence-based strategies and holistic approaches that take into account the specific needs of each user.





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You will provide the highest quality emotional support to both children and families facing terminal pathologies, providing them with a compassionate care environment”



General Objectives

- ♦ Have a solid understanding of the fundamentals and models of care in palliative care, as well as aspects such as epidemiology or pathophysiology of chronic diseases
- ♦ Enhance clinical skills for the comprehensive assessment of patients, including the management of complex symptoms and the approach to total suffering
- ♦ Adopt an individualized approach to care, focusing on both the preferences and values of users, respecting their autonomy at all stages of pathology
- ♦ Obtain empathetic and effective communication skills with both affected individuals and their families
- ♦ Apply knowledge of specific nutrition to improve prognosis and reduce complications in patients with advanced disease
- ♦ Keep abreast of innovations in matters such as diagnostic and therapeutic techniques most relevant to the follow-up of palliative patients





Specific Objectives

- Be aware of the peculiarities of Pediatric Palliative Care
- Analyze the epidemiology of cancer in children
- Delve into the management of the most common symptoms in pediatric palliative care
- Control dosage by weight in pediatrics



*Thanks to this university program
you will be up to date with the latest
trends in Pediatric Drug Dosage”*

03

Course Management

TECH's purpose is focused on facilitating access to the most complete and updated university programs in the academic market. To achieve this, it carries out a meticulous selection process to recruit the best professionals as teachers. In the case of this Postgraduate Certificate, it brings together leading experts in the field of Pediatric Palliative Care, who have extensive professional experience in renowned healthcare institutions. In addition, their trajectory includes significant contributions to the well-being of numerous terminally ill patients. Undoubtedly, through this intensive academic experience, graduates will improve their clinical practice significantly.





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A teaching team highly specialized in Pediatric Palliative Care will guide you throughout the program, resolving any doubts that may arise”

Guest Director/International Guest Director

Dr. Blinderman is Associate Professor of Medicine and **Director of the Adult Palliative Medicine Service at Columbia University Medical Center/New York-Presbyterian Hospital**. He was previously an attending physician on the Palliative Care Service at Massachusetts General Hospital and co-directed the MGH Cancer Pain Clinic from 2007-2010.

He has published numerous original articles, reviews and chapters in the following areas: palliative care, early palliative care in lung cancer patients, palliative care for the dying patient, medical ethics, existential distress, symptom assessment and quality of life in patients with chronic pulmonary and heart failure, as well as cancer pain management and pain management in patients with a history of substance abuse. He is currently the editor of the Case Discussions section of the *Journal of Palliative Medicine*.

His academic resume includes an **MD in Medical School for International Health** from Ben Gurion University, as well as a **BA in Chemistry from Boston University**, a degree he earned *Magna Cum Laude*.



Dr. Blinderman, Craig David

- Specialist in Palliative Care at Massachusetts General Hospital
- Professor of Medicine at Harvard Medical School
- Degree in Chemistry, Boston University
- Associate Professor of the Department of Medicine from Columbia University

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Thanks to TECH you will be able to learn with the best professionals in the world"

Management



Dr. Lafuente Sanchis, Manuel Pablo

- ♦ Head of the Home Hospitalization and Palliative Care Service at La Ribera University Hospital, Valencia
- ♦ Specialist in Family and Community Medicine at the Virgen de los Lirios Hospital, Alcoy
- ♦ Clinical Simulation Instructor, Catholic University of Murcia
- ♦ University Professor in Nursing Studies
- ♦ Expert in Palliative Care, International University of La Rioja
- ♦ University Expert in University Teaching from the Catholic University of Valencia
- ♦ Degree in Medicine and Surgery from the University of Valencia
- ♦ Member of: Spanish Society of Home Hospitalization and Spanish Society of Clinical Simulation



04

Structure and Content

This program will provide physicians with a comprehensive overview of pediatric palliative care. The program will examine the current situation in this field, recognizing the importance of an effective family approach through empathic communication. It will also analyze the types of cancer in children, attending to the most appropriate treatments for each type of malignant mass. In addition, the syllabus will delve into the most effective treatments to reduce pain in children (including the pharmacology of analgesia). The syllabus will also go into the approach to complications such as Dyspnea, Stress or Anxiety.



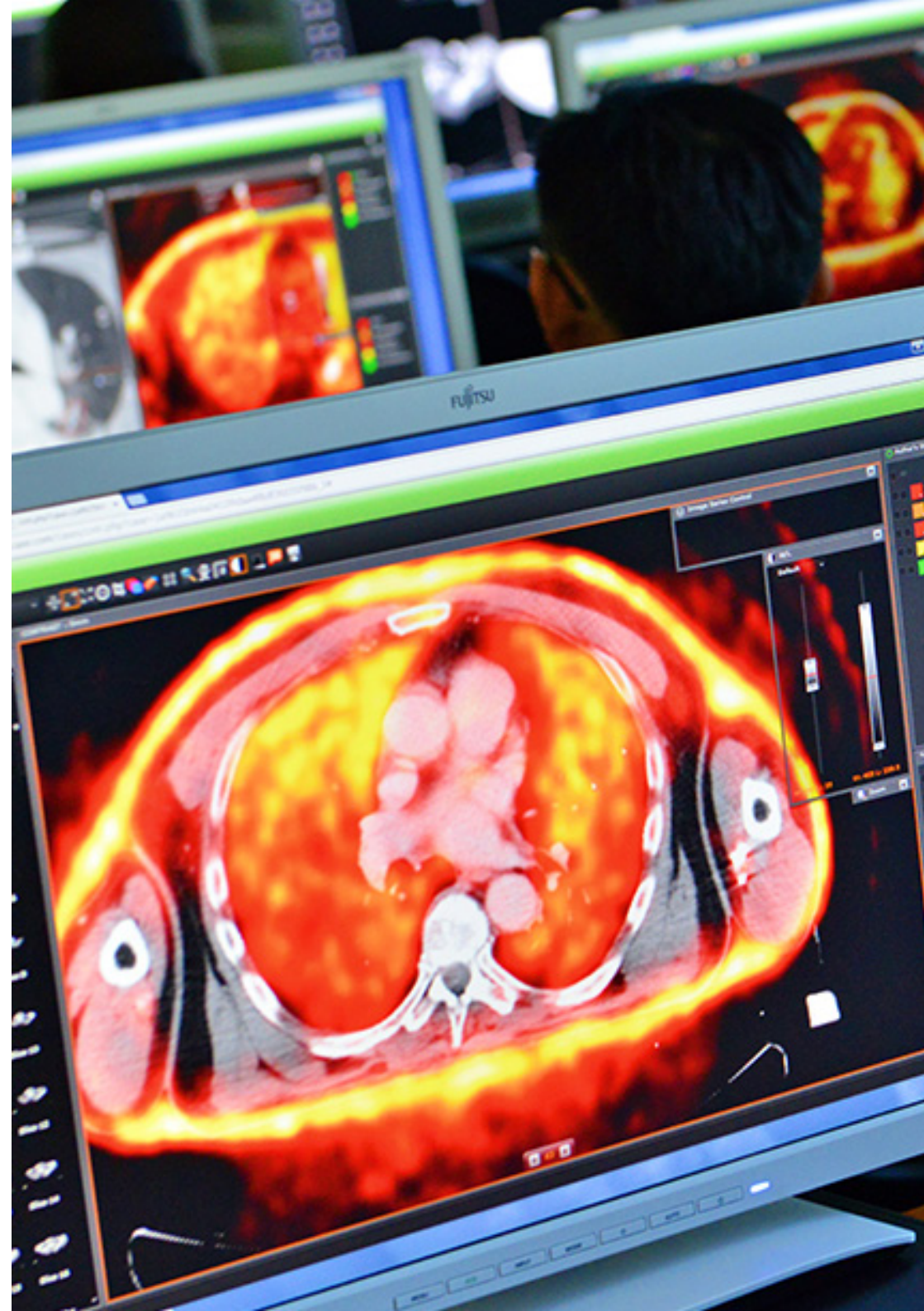
BIOTHERAPY
HANDLED WITH GLOVES
ONCE
BAG IS REMOVED

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A complete syllabus that incorporates all the knowledge you need to take a step towards medical excellence in Pediatric Palliative Care”

Module 1. Pediatric Palliative Care

- 1.1. Pediatric Palliative Care
 - 1.1.1. Differences with Adult Palliative Care
 - 1.1.2. Current Status of Pediatric Palliative Care
 - 1.1.3. Reference Units
- 1.2. Care of the Family in the Pediatric Palliative Patient
 - 1.2.1. Family Approach
 - 1.2.2. Treatment of the Family Unit
 - 1.2.3. Monitoring
- 1.3. Childhood Cancer
 - 1.3.1. Epidemiology
 - 1.3.2. Most Common Cancers
 - 1.3.3. Treatment
- 1.4. Symptom Control in Pediatric Patients
 - 1.4.1. Differential Aspects with Adults
 - 1.4.2. The Disease in the Child
 - 1.4.3. Most Common Symptoms
- 1.5. Pain Treatment in Pediatrics
 - 1.5.1. Types of Pain
 - 1.5.2. Pharmacology of Analgesia in Pediatric Age
 - 1.5.3. Dosage
- 1.6. Treatment of Dyspnea in Pediatrics
 - 1.6.1. Types of Dyspnea
 - 1.6.2. Diagnosis
 - 1.6.3. Treatment
- 1.7. Anxiety and Psychological Symptoms Associated With the Disease
 - 1.7.1. Diagnosis
 - 1.7.2. Treatment
 - 1.7.3. Monitoring



- 1.8. Drug Dosage in Pediatrics
 - 1.8.1. Differences with Adult Pharmacology
 - 1.8.2. Dosage in Analgesia
 - 1.8.3. Dosage in Antibiotherapy
 - 1.8.4. Dosage in Treatments of the Emotional Sphere
- 1.9. Last Days Situation in Pediatric Patients
 - 1.9.1. Sedation
 - 1.9.2. Refractory Symptoms
 - 1.9.3. Treatment
- 1.10. Grief in Pediatrics
 - 1.10.1. Differences with Adult Grief
 - 1.10.2. Diagnosis
 - 1.10.3. Treatment and Follow-up of Family Members

“ *You will have the most modern academic resources at your fingertips, with free access to the Virtual Campus 24 hours a day. Enroll now!* **”**



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 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. Specialists 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. 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, trying to recreate the real conditions in the physician's professional 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. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student 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.

Professionals will learn through real cases and by resolving 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, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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 highly 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.



Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and 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 the videos as many times as you like.



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 on the usefulness of learning by observing experts. The system known as 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 Pediatric Palliative Care guarantees, in addition to the most accurate 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 private qualification will allow you to obtain a **Postgraduate Certificate in Pediatric Palliative 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** 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 Pediatric Palliative Care**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





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