

Postgraduate Diploma

Palliative Care in Oncology Patients





Postgraduate Diploma Palliative Care in Oncology Patients

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-palliative-care-oncology-patients

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 18

05

Methodology

p. 24

06

Certificate

p. 32

01

Introduction

Cancer is one of the leading causes of mortality worldwide. According to a recent report by the World Health Organization, the disease causes more than 20 million deaths a year. In view of the increase in this rate and the evolution of treatments, the importance of Palliative Care in the integral management of the disease has become increasingly relevant. For this reason, medical professionals must keep abreast of innovations in this field. To help them, TECH is developing a cutting-edge university program that brings together the most avant-garde techniques to provide focused care for these patients. In addition, it is delivered in a convenient 100% online format.



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Thanks to this Relearning-based Postgraduate Diploma, you will provide holistic care to Oncology Patients and apply the most innovative therapeutic treatments to alleviate their symptoms"

As medicine progresses, health professionals have achieved a greater degree of knowledge regarding the evolution of terminal illnesses. Within this framework, Palliative Care has emerged as a vital, interdisciplinary field in the care of patients with advanced pathologies. With the advent of Industry 4.0, this field has been enriched by the implementation of novel therapeutic tools that address the various physical, emotional and social symptoms associated with terminal conditions. An example of this is thoracentesis, which serves to drain excess fluid accumulated in the pleural cavity and therefore alleviate breathing difficulties. Faced with these advances, physicians need to acquire advanced skills to effectively handle the most sophisticated techniques.

In this context, TECH implements a revolutionary program in Palliative Care in Oncology Patients. The syllabus will provide specialists with the most innovative procedures aimed at optimizing the well-being of terminally ill individuals (among which Paracentesis, Peritoneal Catheters or Endovenous Pumps). This will allow graduates to effectively alleviate symptoms such as Dyspnea. Likewise, the syllabus will delve into the anatomy of pain and the most appropriate pharmacological treatments according to the specific needs of the users. In this way, graduates will acquire advanced skills to address a wide range of symptomatology and contribute to optimize the clinical condition of individuals.

To consolidate all these contents, TECH uses the innovative methodology of Relearning. This is based on constant feedback and adaptation to the individual needs of the students based on targeted repetition. With any electronic device with Internet access, specialists will be able to access the Virtual Campus and obtain the most complete didactic content on the educational market. In addition, this program includes comprehensive Masterclasses, taught by a renowned International Guest Director with an extensive experience in Palliative Care.

This **Postgraduate Diploma in Palliative Care in Oncology Patients** 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 practical contents with which it is conceived provide scientific and practical information on those disciplines that are essential 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



Thanks to TECH you will be able to update your clinical skills in Palliative Care with the help of a renowned international expert and exclusive and rigorous Masterclasses"

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You will delve into the Pharmacological Treatment of Pain and you will be able to significantly reduce the physical discomfort of your patients"

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 effectively manage the Ganglion Ablation procedure to reduce users' dependence on opioids.

The interactive summaries of each module will allow you to consolidate in a more dynamic way the concepts of Non Invasive Mechanical Ventilation methods.



02 Objectives

Through this Postgraduate Diploma, physicians will have a deep understanding of the fundamentals of Palliative Care in Oncology Patients. Graduates will acquire clinical skills to comprehensively treat the most common symptoms in these users (such as anxiety, depression or nausea). Likewise, physicians will adopt a holistic approach centered on the patient. In this way, professionals will take into account users' values, preferences and goals of care when making clinical decisions. Specialists will also strengthen their communication skills to interact empathetically with both users and their families.



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You will develop advanced competencies to diagnose and manage the most common clinical problems in Oncology Patients, such as pain or dyspnea”



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



*A flexible university program,
without stipulated schedules and
with academic content available 24
hours a day"*





Specific Objectives

Module 1. Palliative Care in Oncology Patients

- ♦ Understand the functioning of the Oncology Services
- ♦ Analyze the different types of Cancer by apparatus and systems

Module 2. Pain Treatment

- ♦ Delve into the knowledge of pain, its anatomy and ways of exploration
- ♦ Analyze conventional treatments
- ♦ Provide patients with information about their pain condition, as well as self-regulation and self-care strategies to manage it effectively
- ♦ Investigate alternative and innovative techniques for implementation in clinical practice

Module 3. Palliative Care Techniques in Medicine

- ♦ Know the importance of nursing in the management and care of palliative patients
- ♦ Have a solid knowledge of the NICs and NOCs
- ♦ Know how to apply assessment scales to Palliative Patients
- ♦ Remain at the forefront of state-of-the-art techniques in complex ulcer care
- ♦ Delve into the main nursing techniques with therapeutic potential
- ♦ Analyze the use of endovenous and subcutaneous pumps

03

Course Management

TECH's fundamental premise is to offer the best university programs in the academic market, which is why it carefully selects its teaching staff. For the design and delivery of this Postgraduate Diploma, it brings together true professionals in the field of Palliative Care in Oncology Patients. In this regard, these experts have extensive professional experience in renowned hospitals and have contributed to optimizing the well-being of terminally ill individuals. In this way, these specialists have elaborated didactic materials characterized by their high quality and full applicability to the needs of today's healthcare labor market.





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You will have the support of a teaching team made up of distinguished professionals in the field of Palliative Patient Care”

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

- Director of Palliative Care at New York Presbyterian Hospital, New York, U.S.A.
- Specialist in Palliative Care at Massachusetts General Hospital
- Professor of Medicine at Harvard Medical School
- Degree in Chemistry, Boston University
- Associate Professor, Department of Medicine, 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

Professors

Dr. Clep, Camelia Alina

- ◆ Specialist in Internal Medicine at the La Ribera University Hospital
- ◆ Degree in Medicine and Surgery from Iuliu-Hatieganu University, Cluj-Napoca Romania
- ◆ Attending Physician in the Home Hospitalization and Palliative Care Unit
- ◆ Specialist Degree in Palliative Care. International University of La Rioja
- ◆ Master's Degree in Chronic Diseases. University of Barcelona
- ◆ Member of: Spanish Society of Internal Medicine, Spanish Society of Home Hospitalization and Spanish Society of Palliative Care

Dr. Tarraso Gómez, María Luisa

- ◆ Assistant Physician of the Home Hospitalization and Palliative Care Unit of La Ribera University Hospital
- ◆ Specialist Physician of the Pain Unit at La Ribera University Hospital
- ◆ Specialist in Family and Community Medicine. Residency at Dr. Peset Hospital
- ◆ Master's Degree in Palliative Care from the University of Valladolid
- ◆ Degree in Medicine and Surgery from the University of Valencia
- ◆ Member of: Valencian Society of Home Hospitalization and Palliative Group of the Spanish Multidisciplinary Society of Pain



Dr. Martín Marco, Antonio

- ◆ Internal Medicine Specialist at Arnau de Vilanova Hospital, Valencia
- ◆ Attending Physician in the Home Hospitalization and Palliative Care Unit
- ◆ Head of Teaching and Research in the Palliative Care in Unit
- ◆ Master's Degree in Emergency Medical Care
- ◆ Master's Degree in Emergency Medical Care
- ◆ Degree in Medicine and Surgery from the University of Zaragoza
- ◆ Member of: Spanish Society of Medical Oncology and Spanish Society of Internal Medicine

Dr. Santander López, Jorge

- ◆ Assistant Physician of the Home Hospitalization and Palliative Care Unit at La Fe Hospital
- ◆ Specialist in Family and Community Medicine
- ◆ Specialist in Home Hospitalization and Palliative Care
- ◆ Degree in Medicine and Surgery from the University of Mendoza, Argentina
- ◆ University Expert in Pain

04

Structure and Content

Through this university program, physicians will have a solid understanding of the principles of Palliative Care and its application in the context of the oncology patient. The academic itinerary will delve both into the biology and epidemiology of Cancer, addressing factors such as genetics or chronification. In this sense, the didactic contents will analyze the most effective anticancer treatments (Chemotherapy, Radiotherapy and Immunotherapy). The syllabus will also delve into the pharmacological treatment of pain, as well as interventional techniques such as infiltrations. Therefore, graduates will develop advanced skills to diagnose and effectively manage common symptoms in patients with oncological pathologies.



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A high quality syllabus that will allow you to incorporate into your clinical practice the most avant-garde techniques to address the Treatment of Pain"

Module 1. Palliative Care in Oncology Patients

- 1.1. Biology and Cancer Epidemiology
 - 1.1.1. Epidemiology
 - 1.1.2. Genetic and Environmental Factors
 - 1.1.3. Evolution Over the Years
 - 1.1.4. Chronification of Cancer
- 1.2. Medical oncology
 - 1.2.1. Development of the Specialty
 - 1.2.2. Organization
 - 1.2.3. Expectations for the Future
- 1.3. Anti-cancer Treatments
 - 1.3.1. Chemotherapy
 - 1.3.2. Radiotherapy
 - 1.3.3. Immunotherapy
- 1.4. Cancer-related Syndromes
 - 1.4.1. Hypercalcemia
 - 1.4.2. Vena Cava Syndrome
 - 1.4.3. Oral complications
 - 1.4.4. Paraneoplastic Syndromes
 - 1.4.5. Coagulation Disorders
- 1.5. Respiratory Cancer
 - 1.5.1. Most Common Types
 - 1.5.2. Treatment
 - 1.5.3. Frequent Complications
- 1.6. ORL Cancer
 - 1.6.1. Most Common Types
 - 1.6.2. Treatment
 - 1.6.3. Frequent Complications



- 1.7. Breast and Genitourinary Cancer
 - 1.7.1. Most Common Types
 - 1.7.2. Treatment
 - 1.7.3. Frequent Complications
 - 1.8. Digestive Cancer
 - 1.8.1. Most Common Types
 - 1.8.2. Treatment
 - 1.8.3. Frequent Complications
 - 1.9. Neurological Cancer
 - 1.9.1. Most Common Types
 - 1.9.2. Treatment
 - 1.9.3. Frequent Complications
 - 1.10. Hematologic Cancer
 - 1.10.1. Most Common Types
 - 1.10.2. Treatment
 - 1.10.3. Frequent Complications
- Module 2. Pain Treatment**
- 2.1. Pain in Palliative Care
 - 2.1.1. Approach to Pain in Palliative Care
 - 2.1.2. Epidemiology
 - 2.1.3. Most Common Types of Pain in Palliative Care Patients
 - 2.2. Anatomy of Pain
 - 2.2.1. Topographic Atlas
 - 2.2.2. Pain Pathways
 - 2.3. Classification
 - 2.3.1. According to Duration
 - 2.3.2. According to Origin
 - 2.3.3. According to Severity
 - 2.3.4. According to Pathophysiology
 - 2.4. Pain assessment and Diagnosis
 - 2.4.1. Anamnesis and Examination
 - 2.4.2. Scales and Algorithms
 - 2.4.3. Imaging Techniques
 - 2.5. Pharmacological Treatment of Pain in the Palliative Patient
 - 2.5.1. Usual Pharmacological Treatment
 - 2.5.2. Pharmacological Treatment of the Most Frequent Comorbidities: IR, CHF, Hepatic Insufficiency, Cognitive Impairment
 - 2.5.3. Opioid Rotation
 - 2.6. Non-Pharmacological Treatment
 - 2.6.1. Physical Therapy
 - 2.6.2. Radiotherapy
 - 2.6.3. Rehabilitation
 - 2.7. Pain in the Palliative Oncology Patient
 - 2.7.1. Consultation Approach
 - 2.7.2. Most frequent Types of Pain
 - 2.7.3. Treatment and Follow-up Guidelines
 - 2.8. Intervention Techniques
 - 2.8.1. Ganglion Ablation
 - 2.8.2. Infiltrations
 - 2.8.3. Plexus
 - 2.8.4. Drug Infusion Pumps
 - 2.8.5. Neuro-Modulators
 - 2.9. Pain Associated with Antineoplastic Treatment
 - 2.9.1. Hypercalcemia
 - 2.9.2. Tumor lysis
 - 2.9.3. Related to Radiotherapy
 - 2.10. Repercussions of Pain
 - 2.10.1. On the Quality of Life
 - 2.10.2. On the Emotional Sphere
 - 2.10.3. Economic Repercussions

Module 3. Palliative Care Techniques in Medicine

- 3.1. General Ultrasound
 - 3.1.1. Uses of Ultrasound
 - 3.1.2. Support in Techniques
 - 3.1.3. Urgent Pathology Screening
- 3.2. Nutritional Ultrasound
 - 3.2.1. Muscle Measurement
 - 3.2.2. Fat Measurement
 - 3.2.3. Angle of Pennation
- 3.3. Thoracentesis
 - 3.3.1. Pleural Catheters
 - 3.3.2. Technique
 - 3.3.3. Complications
- 3.4. Paracentesis
 - 3.4.1. Peritoneal Catheters
 - 3.4.2. Technique
 - 3.4.3. Complications
- 3.5. Subcutaneous Route
 - 3.5.1. Elastomeric Infusers
 - 3.5.2. Subcutaneous Treatments
 - 3.5.3. Compatible Mixtures in Infusers
- 3.6. Non-invasive Techniques in Pain Control
 - 3.6.1. Capsicin
 - 3.6.2. Radiofrequency
 - 3.6.3. Heat
 - 3.6.4. Physical exercise
- 3.7. Invasive Techniques in Pain Control
 - 3.7.1. Infiltrations
 - 3.7.2. Plexus Ablations
 - 3.7.3. Ganglion Ablation
 - 3.7.4. Drug Delivery Pumps
 - 3.7.5. Neuromodulators



- 3.8. Central Routes
 - 3.8.1. Types of Central Pathways
 - 3.8.2. Channeling Technique
 - 3.8.3. Complications
- 3.9. Management of Intravenous Pumps
 - 3.9.1. Types of Pumps
 - 3.9.2. Use in Routine Practice
 - 3.9.3. Compatible Drugs
- 3.10. Non-invasive Mechanical Ventilation in Palliative Care
 - 3.10.1. Cpap
 - 3.10.2. BiPap
 - 3.10.3. Cough Assist

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This university program prepares you to successfully meet the challenges of Palliative Care in Oncology Patients. What are you waiting for to enroll?”



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

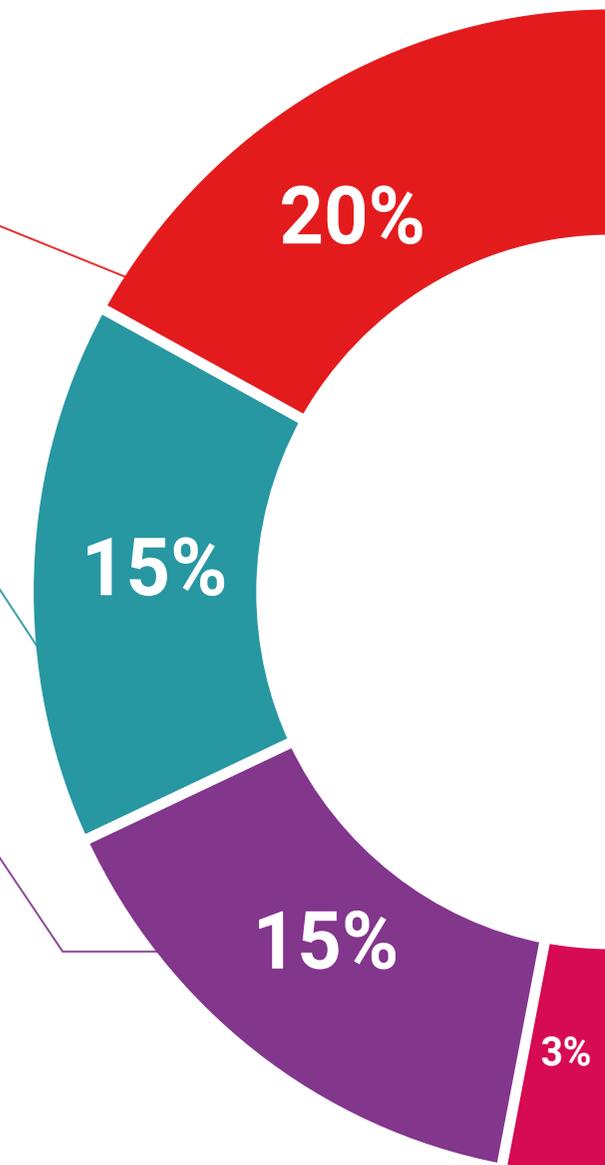
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

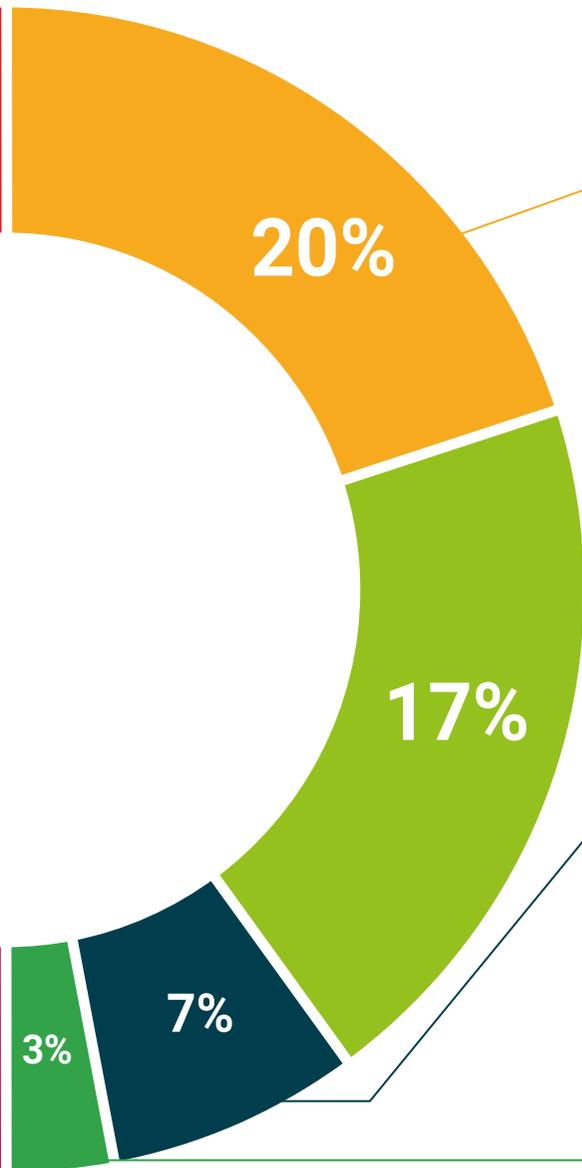
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Diploma in Palliative Care in Oncology Patients guarantees students, in addition to the most rigorous and up-to-date education program, access to a Postgraduate Diploma 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 a **Postgraduate Diploma in Palliative Care in Oncology Patients** 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 Diploma in Palliative Care in Oncology Patients**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.



Postgraduate Diploma
Palliative Care in Oncology Patients

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- » Exams: online

Postgraduate Diploma

Palliative Care in Oncology Patients

