

Professional Master's Degree Pediatric Oncology Nursing

Endorsed by:





Professional Master's Degree Pediatric Oncology Nursing

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Global University
- » Credits: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nursing/professional-master-degree/master-pediatric-oncology-nursing

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01

Introduction

This educational program in Pediatric Oncology Nursing arises from the need for specific education in the field of Oncology for Nursing professionals, and more specifically, given its specific particularities, in the field of Pediatric Oncology. The increase in incidence, casuistry and impact of the disease makes it necessary for Nursing professionals to be perfectly updated on the techniques and fundamental developments in the profession, not only for pediatric patients, but for their families and environment, as well.



“

We offer you the most complete education in Oncology Nursing in the field of Pediatrics. This knowledge is essential to offer patients and their families highly professionalized comprehensive care"

Thanks to scientific and technological advances in recent years, there has been a significant increase in the possibilities for treating and curing children and adolescents with oncological diseases. These scientific and therapeutic advances are continuous and require constant specialization and updating from nursing professionals working in Pediatric Oncohematology units in order to offer quality care to people who require specific and increasingly complex assistance.

Nursing care for pediatric patients with neoplastic pathology and their families is a challenge due to the significance of the disease itself, its evolution, the intensive and specific treatment required, its side effects and the emotional and social repercussions it has on them.

Pediatric oncology nurses are aware of the need for postgraduate program to achieve a specific level of competence that will allow them to broaden clinical education in order to meet the care needs of patients and their families.

The Professional Master's Degree in Pediatric Oncology Nursing that we present here is currently the only specific program that covers the treatment and care of children and adolescents with cancer and their families, directed by and for nursing professionals.

Our teaching team is made up of renowned professionals with extensive experience in leading national and international units devoted to the treatment and care of childhood cancer.

Throughout the program, TECH will provide students with the necessary knowledge of technical, scientific aspects and of comprehensive care to acquire the skills work with children with cancer and their families. A comprehensive approach that incorporates the physical, psychological, emotional, social and spiritual dimensions.

During this comprehensive educational program, the student will have the opportunity to acquire the necessary basic knowledge to face situations that arise in pediatric oncological patients and their families. From the moment of diagnosis and the development of the guidelines that the specialist must follow, to the information on procedures or attitudes to eradicate in this medical practice, the student will learn to integrate new techniques and the most advanced procedures in this discipline into their work.

This **Professional Master's Degree in Pediatric Oncology Nursing** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ◆ The latest technology in online teaching software
- ◆ A highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand
- ◆ Practical cases presented by practicing 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-assessment 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

“A great opportunity to learn and incorporate into your daily practice the new scientific and therapeutic systems and protocols, in a comfortable and totally accessible way, even for active professionals”

“

Get intensively updated on the practical strategies for the management of oncological diseases through a learning process designed to be applied in the practice, from the very beginning”

Our teaching staff is made up of working professionals. That way TECH is sure to offer the educational update we intend to provide. A multidisciplinary team of experts prepared and experienced in different environments, who will develop the theoretical knowledge in an efficient way and will put at the service of the program the practical knowledge derived from their own experience: one of the differential qualities of this Professional Master's Degree.

This mastery of the subject is complemented by the effectiveness of the methodology used in the design of this course. Developed by a team of *e-learning experts*, it integrates the latest advances in educational technology. In this way, professionals will be able to study with a range of convenient and versatile multimedia tools that will give them the operability they need during the education.

The design of this program is based on Problem-Based Learning: an approach that views learning as a highly practical process. To achieve this remotely, TECH will use telepractice: with the help of an innovative, interactive video system, and Learning from an Expert, students will be able to acquire the knowledge as if they were facing the case they are learning in real time. A concept that will allow students to integrate and memorize what they have learnt in a more realistic and permanent way.

Observing the expert in the process of performing the task, triggers brain mechanisms similar to those activated when performing the same activity: this is the principle of the high efficiency of our "learning from an expert."



02 Objectives

TECH's goal is the same as that of its students: to provide the best online Pediatric Oncology Nursing update and education in the teaching market. A highly qualified step, from the hands of the best professionals in this speciality.



“

Our goal is yours: to provide you with the best online education and specialization in Pediatric Oncology Nursing that is currently available on the market. A highly qualified transition, from the hands of the best professionals in this specialty"



General Objectives

- Gain up-to-date knowledge on Pediatric Oncology
- Promote work strategies based on a comprehensive approach to tend to Pediatric Oncology patients as a standard model for providing excellent care
- Encourage the acquisition of technical skills and abilities, through a powerful audiovisual system, and offer the possibility to develop through online simulation workshops and/or especializacion
- Encourage professional stimulation through continuous education and research



Make the most of the opportunity and take the step to get up to date on the latest developments in Pediatric Oncology Nursing”





Specific Objectives

Module 1. Introduction to Pediatric Cancer and Main Treatments

- ♦ Optimize the quality of care for pediatric patients with oncologic pathologies, acquiring a higher qualification
- ♦ Establish standards of excellence in practice

Module 2. Malignant Oncohematologic Pathology in Pediatrics

- ♦ Know all the symptoms and effects that leukemias and myelodysplastic Syndromes have in pediatric patients
- ♦ Analyze the anatomophysiological and cognitive differences in children and adolescents with cancer according to their age and degree of maturation

Module 3. Nursing Care in Pediatric Oncohematology (I)

- ♦ Develop a comprehensive view of the care of children and adolescents with cancer and the care received in hospital
- ♦ Analyze and emphasize the rights of hospitalized children

Module 4. Nursing Care in Pediatric Oncohematology (II)

- ♦ Develop a deeper comprehensive view of the care of children and adolescents with cancer and the care received at home
- ♦ Know the fundamental elements in the organization of pediatric oncohematology units and services

Module 5. Hematopoietic Progenitor Transplantation in Pediatrics

- ♦ Gain practical knowledge of all the steps in the care of Hematopoietic transplant patients

Module 6. Emergencies and Critical Patients in Pediatric Oncology

- ♦ Achieve sufficient knowledge and skills to be able to develop the personal and professional attitudes required to treat children and adolescents with cancer
- ♦ Epidemiologically situate the incidence and survival of childhood cancer

Module 7. Palliative Care and Last Days in Pediatric Oncology

- ♦ Promote well-being, autonomy and dignity at all times
- ♦ Acquire basic knowledge on fundamental aspects of malignant pathologies in childhood

Module 8. New Therapies: Clinical Trials and Immunotherapy in Pediatric Oncology

- ♦ Develop problem-solving and evidence generation capabilities in the field of pediatric oncology to correct knowledge shortcomings

Module 9. Multidisciplinary Support and e-Health in Pediatric Oncohematology

- ♦ Acquire the essential competencies to offer comprehensive care for children and adolescents with cancer and their families
- ♦ Present the general context and severity of childhood cancer in society

Module 10. Fostering, Caring and Accompanying in Pediatric Oncology

- ♦ Recognize and assess the physical, psychological, social and spiritual needs of children and adolescents with cancer and their families

03 Skills

Passion for their job is a common characteristic among Nursing professionals. A commitment that pushes them to remain at the forefront of care. This program will allow students to acquire the necessary skills in this field. A very complete approach developed on the basis of the skills that real performance requires in daily practice, so each of the issues raised will lead students to acquire new knowledge and experiences of clear and real utility.



“

This program is designed to provide you, in a concrete and specific way, with real skills required to approach comprehensive care, which pediatric oncology patients require”



General Skills

- ◆ Possess and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often in a research context
- ◆ Know how to apply acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to the field of study
- ◆ Integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities linked to the application of such knowledge and judgments
- ◆ Know how to communicate conclusions, knowledge, and supporting arguments to specialized and non-specialized audiences in a clear and unambiguous way
- ◆ Acquire the learning skills that will enable further studying in a largely self-directed or autonomous manner



Learn new ways and systems of working with children and adolescents with cancer, and make your work an even more efficient way of helping and caring for cancer patients. Moving toward excellence”



Specific Skills

- ◆ Work in a holistic, tolerant, non-judgmental, caring and sensitive manner, ensuring that the rights, beliefs and wishes of children and adolescents with cancer and their families are not compromised, allowing them to express their concerns and interests, and to respond appropriately
- ◆ Provide nursing care oriented to satisfying the needs derived from the health issues of children or adolescents with cancer and preventing complications, all while guaranteeing safe and quality practice
- ◆ Assess the impact of hospitalization and disease processes involving a loss or change in the lives of children and adolescents with cancer and their families, establishing a therapeutic relationship that facilitates their adaptation to the unit, adequate coping and promotes progressive involvement in care
- ◆ Comprehensively and contextually assess children and adolescents with cancer and their family, detecting any abnormalities and possible deficits in their needs, making professional clinical judgments, planning interventions and autonomously solving the problems identified and/or referring to another professional, ensuring shared and coordinated action
- ◆ Effectively and efficiently perform the different procedures, diagnostic tests and treatments derived from the different health problems in children and adolescents, taking into account the different levels of care and ensuring professional practice based on ethical, legal and clinical safety principles
- ◆ Provide comprehensive care to children or adolescents with cancer and their family from an ethical and legal perspective, with respect, tolerance, without being judgmental, with sensitivity to cultural diversity, guaranteeing the right to privacy, confidentiality, information, participation, autonomy and informed consent in decision-making

- ♦ Consider emotional, physical and personal care, including meeting comfort, nutrition and personal hygiene needs, and enabling the maintenance of daily activities
- ♦ Manage nursing care for children with oncological processes in an autonomous way, allowing for an adequate adaptation, experience and coping with the disease, its long progressive process, the intensive and specific therapy it requires, its side effects and the psycho-emotional and social repercussions it entails for children, adolescents and their family
- ♦ Educate, facilitate, support and encourage the well-being and comfort of children and adolescents with cancer and their families
- ♦ Apply different health education strategies to children or adolescents with cancer, in an autonomous manner, identifying learning needs, designing, planning and carrying out interventions to promote, foster and maintain the autonomy of children and adolescents with cancer and their family, to prevent risks and achieve the highest level of self-care possible
- ♦ Assess children and adolescents with cancer and their family and social environment, identifying their degree of dependence, the care they require, the resources and social support available, and the health services required to meet their needs
- ♦ Manage nursing care aimed at meeting the needs of children and adolescents with cancer and their family, as well as the complications arising from a health problem requiring care in the Pediatric Emergency and Intensive Care Units (PEICU) while taking into account the standards of quality and clinical safety
- ♦ Develop the ability to predict and act in situations that may put the life of a critically ill child or adolescent at risk, in a complex environment with constantly updated diagnostic and therapeutic technology
- ♦ Provide the necessary emotional support in the face of the impact produced by the severity of the disease, admission to the ER or PICU, in order to reduce emotional stress, facilitate effective coping with the situation and favor adaptation to the unit or to grieving
- ♦ Maintain effective communication with the team, other professionals, institutions, and social groups, using available resources, facilitating the exchange of information and contributing to an improvement in the care provided in a climate of collaboration, and to realize that patient well-being is achieved from the combination of resources and actions of the team members
- ♦ Assess risk and actively promote the well-being and safety of all people in the work environment
- ♦ Base clinical practice on the best available evidence to contribute to continuous improvement in quality care provided to children and adolescents with cancer and their families

04

Course Management

The program includes in its teaching staff renowned experts in Pediatric Oncology Nursing, who contribute their work experience to this Professional Master's degree. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.



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An impressive teaching staff, made up of professionals from different fields of expertise, will be your teachers during your education: a unique opportunity not to be missed”

Management



Ms. Coronado Robles, Raquel

- ♦ Nurse specialized in Pediatric Nursing
- ♦ Pediatric Oncohematology Unit, Vall d'Hebron Hospital, Barcelona
- ♦ Associate Professor and Coordinator, Nursing Degree Childhood Mention, Autonomous University of Barcelona (UAB)

Professors

Ms. Bonfill Ralló, Marina

- ♦ Psycho-oncologist Pediatric Oncohematology Unit Vall d'Hebron Barcelona Hospital Campus
- ♦ Clinical child and adolescent psychologist. Private psychological center NACC
- ♦ Clinical child and adolescent psychologist. Child and Adolescent Mental Health Center

Ms. Fernández Angulo, Verónica

- ♦ Nurse at the Day Hospital Pediatric Oncohematology Unit Vall d'Hebron Hospital in Barcelona

Ms. Hladun Álvaro, Raquel

- ♦ Medical specialist and head of Clinical Trials in the Pediatric Oncohematology Vall d'Hebron Barcelona, Hospital Campus

Ms. Rodríguez Gil, Raquel

- ♦ Pediatric Intensive Care Unit Nurse Practitioner
- ♦ Vall d'Hebron Barcelona Hospital Campus
- ♦ Echo-guided vascular access course for nurses
- ♦ Pediatric Continuous Extra Renal Continuous Clearance Techniques Course

Ms. Vidal Laliena, Miriam

- ♦ Clinical Trial Monitor in the pharmaceutical industry
- ♦ Clinical Data Manager-study coordinator, Pediatric Oncohematology Unit Vall d'Hebron Barcelona Hospital Campus

Ms. Saló Rovira, Anna

- ♦ Psychologist in Pediatric Oncohematology Unit, Vall d'Hebron Barcelona Hospital Campus
- ♦ Postgraduate degree in infant observation and care of young children up to three years of age, University of Girona
- ♦ Master's Degree in Psychoanalytic Psychotherapy, Fundació Vidal i Barraquer
- ♦ Master's Degree in General Health Psychology, Faculty of Psychology, Education and Sports Sciences Blanquerna, Ramon Llull University

Toro Guzmán, Antonio

- ♦ Nurse specialized in the Pediatric Oncohematology Unit of the Vall d'Hebron Hospital in Barcelona
- ♦ Associate Professor Degree in Nursing, Autonomous University of Barcelona (UAB)
- ♦ Master's Degree in Advanced Pharmacology for Nurses, University of Valencia
- ♦ Postgraduate in Pediatric Care in Primary Care, Blanquerna URL
- ♦ Postgraduate course in Pediatric Care in the hospital environment. Blanquerna URL
- ♦ Postgraduate Certificate in Nursing Faculty of Nursing University of Granada

Ms. Muñoz Blanco, María José

- ♦ Pediatric Intensive Care Unit (P-ICU) Supervisor, Vall d'Hebron Barcelona Hospital Campus
- ♦ Master's Degree in Pediatric Nursing, University of Barcelona
- ♦ Master's Degree in Emotional Care of the Hospitalized Child according to the Child Life Model, EUI Sant Joan de Deu. University of Barcelona
- ♦ Specialist in Pediatrics by extraordinary appointment

Ortegón Delgadillo, Ramiro

- ♦ Co-director of SEER (Emotional Health and Education)
- ♦ Pediatric Oncohematology Unit, Vall d'Hebron Barcelona Hospital Campus
- ♦ Official Master's Degree in Research and Innovation in Nursing Care
- ♦ Official Master's Degree in Health Education. Health Sciences Campus, University of Lleida



A unique, key, and decisive educational experience to boost your professional development"

05

Structure and Content

The contents included on the program have been created by establishing an exhaustive overview of each and every one of the essential topics to master Nursing practice in the field of Pediatric Oncology. With a sequential process, that will take you through the topics constantly acquiring new knowledge, this program will become an incredible leap towards being highly competitive in this speciality.



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A complete teaching program, structured in clear and concrete units that will take you through a learning process, created to be perfectly compatible with your personal and professional life"

Module 1. Introduction to Pediatric Cancer and Main Treatments

- 1.1. Children and Cancer
- 1.2. Pathophysiology of Pediatric Cancer. Characteristics Shared by Tumor Cells
- 1.3. Epidemiology of Pediatric Cancer
- 1.4. Aetiology of Pediatric Cancer
- 1.5. Fundamentals of the Hematopoietic System and Blood Cells
- 1.6. Types of Pediatric Cancer
- 1.7. Diagnostic and Follow-Up Procedures in Pediatric Oncohematology
- 1.8. Treatment of Childhood Cancer
- 1.9. Chemotherapy (I)
- 1.10. Chemotherapy (II)
- 1.11. Late Side Effects of Treatments in Pediatric Cancer Survivors

Module 2. Malignant Oncohematologic Pathology in Pediatrics

- 2.1. Leukemias and Myelodysplastic Syndromes in Pediatrics
- 2.2. B-Cell Pediatric Acute Lymphoblastic Leukemia
- 2.3. Lymphomas and Reticuloendothelial Neoplasms in Pediatrics
- 2.4. CNS Tumors in Pediatrics and Miscellaneous Intracranial and Intraspinial Neoplasms in Pediatrics
- 2.5. Neuroblastomas and Other Peripheral Nerve Cell Tumors in Pediatrics
- 2.6. Retinoblastomas in Pediatrics
- 2.7. Renal Tumors in Pediatrics
- 2.8. Liver Tumors in Pediatrics
- 2.9. Bone Tumors in Pediatrics
- 2.10. Soft Tissue Sarcomas and Other Extrasosseous Sarcomas in Pediatrics
- 2.11. Other Malignant and Unspecified Neoplasms in Pediatrics

Module 3. Nursing Care in Pediatric Oncohematology (I)

- 3.1. Patient Safety in Unit Nursing Care
- 3.2. Safety in the Pediatric Oncology Unit
- 3.3. Nursing Care for Performing Diagnostic Tests
- 3.4. Nursing Care Venous Catheters (I)
- 3.5. Nursing Care Venous Catheters (II). Subcutaneous Reservoir
- 3.6. Nursing Care in the Administration of Antineoplastic Medication
- 3.7. Nursing Care in the Intravenous Administration of Antineoplastic Medication
- 3.8. Nursing Care in the Administration of Supportive Care Medication
- 3.9. Transfusion Support in Pediatric Oncohematology
- 3.10. Nursing Care at the Onset

Module 4. Nursing Care in Pediatric Oncohematology (II)

- 4.1. The Importance of Observation and Active Nursing Listening in Pediatric Oncohematology
- 4.2. The Importance of Nursing Assessment in Pediatric Oncohematology
- 4.3. Most frequent Nursing Diagnoses in Pediatric Oncohematology
- 4.4. Nursing Care in Symptom Control in Pediatric Oncohematology
- 4.5. Pain Management and Care in Pediatric Oncohematology
- 4.6. Skin Care in Pediatric Oncohematology
- 4.7. Nutrition in Children and Adolescents with Cancer
- 4.8. When the Response to Treatment is Not Adequate
- 4.9. Carefully Care for Children/Adolescents with Cancer and Their Family
- 4.10. Research in Pediatric Oncohematology Care



Module 5. Hematopoietic Progenitor Transplantation in Pediatrics

- 5.1. Introduction to Hematopoietic Stem Cell Transplantation
- 5.2. Indications for Hematopoietic Progenitor Transplantation (HPT) in Pediatrics
- 5.3. From Donation to Infusion of Hematopoietic Progenitors
- 5.4. Nursing Care in HPT Conditioning
- 5.5. Nursing Care During HP Infusion
- 5.6. Nursing Care Medullary Aplasia Phase
- 5.7. Medium-Term Post-HPT Nursing Care
- 5.8. Follow-Up HPT Nursing Consultation
- 5.9. New Therapies for Treating Complications After HPT
- 5.10. Long-Term of the Care Complications Post-HPT Nursing Care

Module 6. Emergencies and Critical Patients in Pediatric Oncology

- 6.1. Introduction to Emergencies in Pediatric Patients with Oncohematologic Pathology
- 6.2. Hematologic Emergencies in Pediatric Oncohematology
- 6.3. Mechanical and Neurological Emergencies in Pediatric Oncohematology
- 6.4. Metabolic and Abdominal Emergencies in Pediatric Oncohematology
- 6.5. Other Emergencies Derived From Treatment
- 6.6. Emergencies in the Post-Transplanted Patient of Hematopoietic Progenitor Transplants
- 6.7. Pediatric Patients with Oncohematologic Pathology Requiring Intensive Care
- 6.8. Nursing Care of Pediatric Patients with Oncohematologic Diseases and Their Family, Admitted to the PEICU
- 6.9. Pediatric Intensive Care Unit (PICU). Humanization Projects

Module 7. Palliative Care and Last Days in Pediatric Oncology

- 7.1. Comprehensive Care for Children and Adolescents with Oncohematological Disease in a Palliative Care Situation and Their Families
- 7.2. Symptom Control in Pediatric Oncology Palliative Care
- 7.3. Terminal Phase and Last Days Situations in Pediatric Oncology
- 7.4. Palliative Sedation in Pediatric Oncology
- 7.5. Pediatric Palliative Care. History, Concepts, Peculiarities and Universal Principles
- 7.6. Objectives and Stages of the Therapeutic Approach in Pediatric Palliative Care
- 7.7. Total Pain Control in Pediatric Oncology Palliative Care
- 7.8. Ethical Aspects and Decision Making in Pediatric Oncology Palliative Care

Module 8. New Therapies: Clinical Trials and Immunotherapy in Pediatric Oncology

- 8.1. Clinical Trials in Pediatric Oncohematology Concepts and Historical Bases
- 8.2. Why Clinical Trials are Necessary in Pediatric Oncology
- 8.3. Designing a Clinical Trial
- 8.4. Preparing and Starting a Clinical Trial
- 8.5. Developing a Clinical Trial
- 8.6. Current Situation of Clinical Trials in Pediatrics
- 8.7. Present and Future of Pediatric Oncology. Personalized Medicine
- 8.8. Professionals Involved in a Clinical Trial
- 8.9. The Role of Nursing Professionals in the Clinical Trials in Pediatric Oncology
- 8.10. The Map of Nursing Professionals Skills in the Clinical Trials in Pediatric Oncology



Module 9. Multidisciplinary Support and e-Health in Pediatric Oncohematology

- 9.1. Psychological Support for Children during the Process of Living with Cancer
- 9.2. Psychological Support for Adolescents during the Process of Living with Cancer
- 9.3. Psychological Support Needs of Children and Adolescents Undergoing Hematopoietic Stem Cell Transplantation and Their Families
- 9.4. Educational Support for Children and Adolescents with Cancer
- 9.5. Parents of Children with Cancer Associations and Other Non-Profit Organizations
- 9.6. Pediatric Cancer and Society
- 9.7. Use of Information and Communication Technologies (ICT) in Children and Adolescents with Cancer
- 9.8. Use of Information and Communication Technologies (ICTs and *E-Health*) for the Parents of Children and Adolescents with Cancer
- 9.9. Nursing Professionals, ICTs and *E-Health*

Module 10. Fostering, Caring and Accompanying in Pediatric Oncology

- 10.1. Comprehensive View of the Care of Children and Adolescents with Cancer and Their Family
- 10.2. Vision from the Nurse's Point of View
- 10.3. Facilitating Role of the Nurse in Pediatric Oncology
- 10.4. The Profile of Emotional Skills of Nursing in Pediatric Oncology
- 10.5. Therapeutic Communication in Pediatric Oncology
- 10.6. The Influence of the Environment and Surroundings when Accompanying Children with Cancer
- 10.7. Accompaniment for the Family System in Pediatric Oncology
- 10.8. Accompanying Children in Pediatric Oncology
- 10.9. Accompaniment for the Family System in Pediatric Oncology
- 10.10. Supporting Parenting and Healthy Development

06

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.





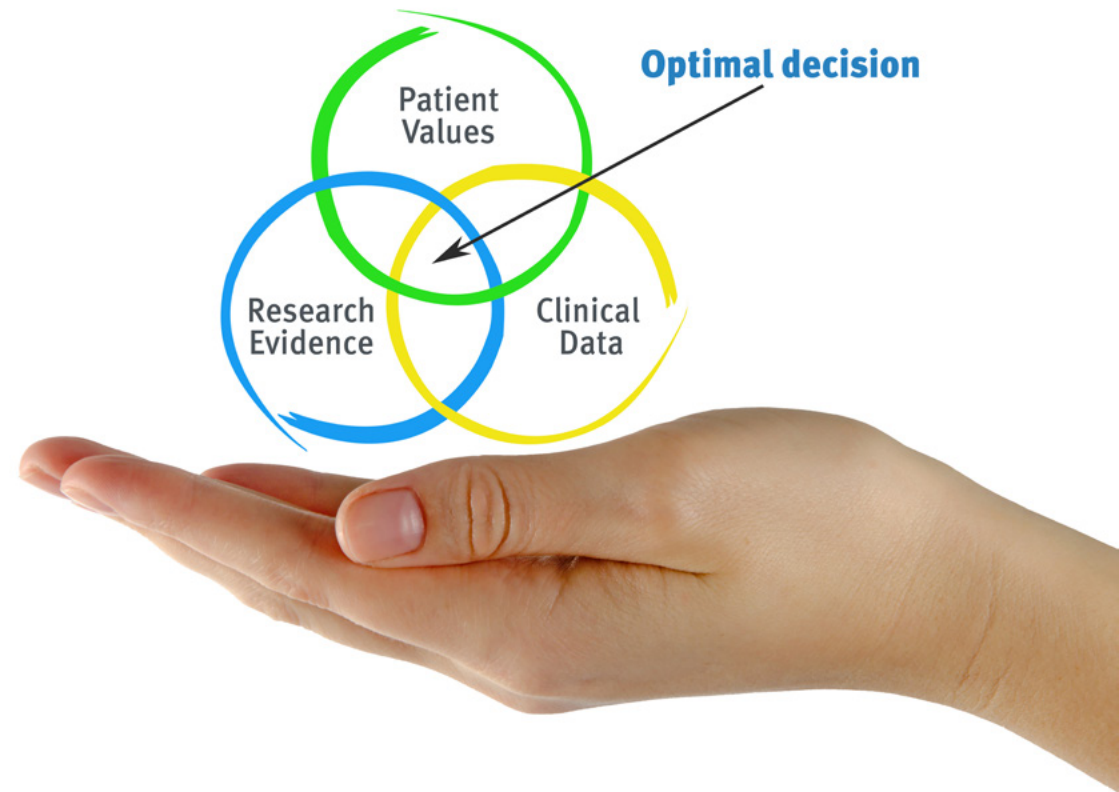
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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.



07

Certificate

The Professional Master's Degree in Pediatric Oncology Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Professional Master's Degree 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 private qualification will allow you to obtain a **Professional Master's Degree diploma in Pediatric Oncology Nursing** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Professional Master's Degree in Pediatric Oncology Nursing**

Modality: **online**

Duration: **12 months**

Accreditation: **60 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.

future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present quality
development languages
virtual classroom



Professional Master's Degree

Pediatric Oncology Nursing

- » Modality: online
- » Duration: 12 months
- » Certificate: TECH Global University
- » Credits: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

Professional Master's Degree Pediatric Oncology Nursing

Endorsed by:

