

Master's Degree

Pediatric Oncology Nursing





Master's Degree Pediatric Oncology Nursing

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

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

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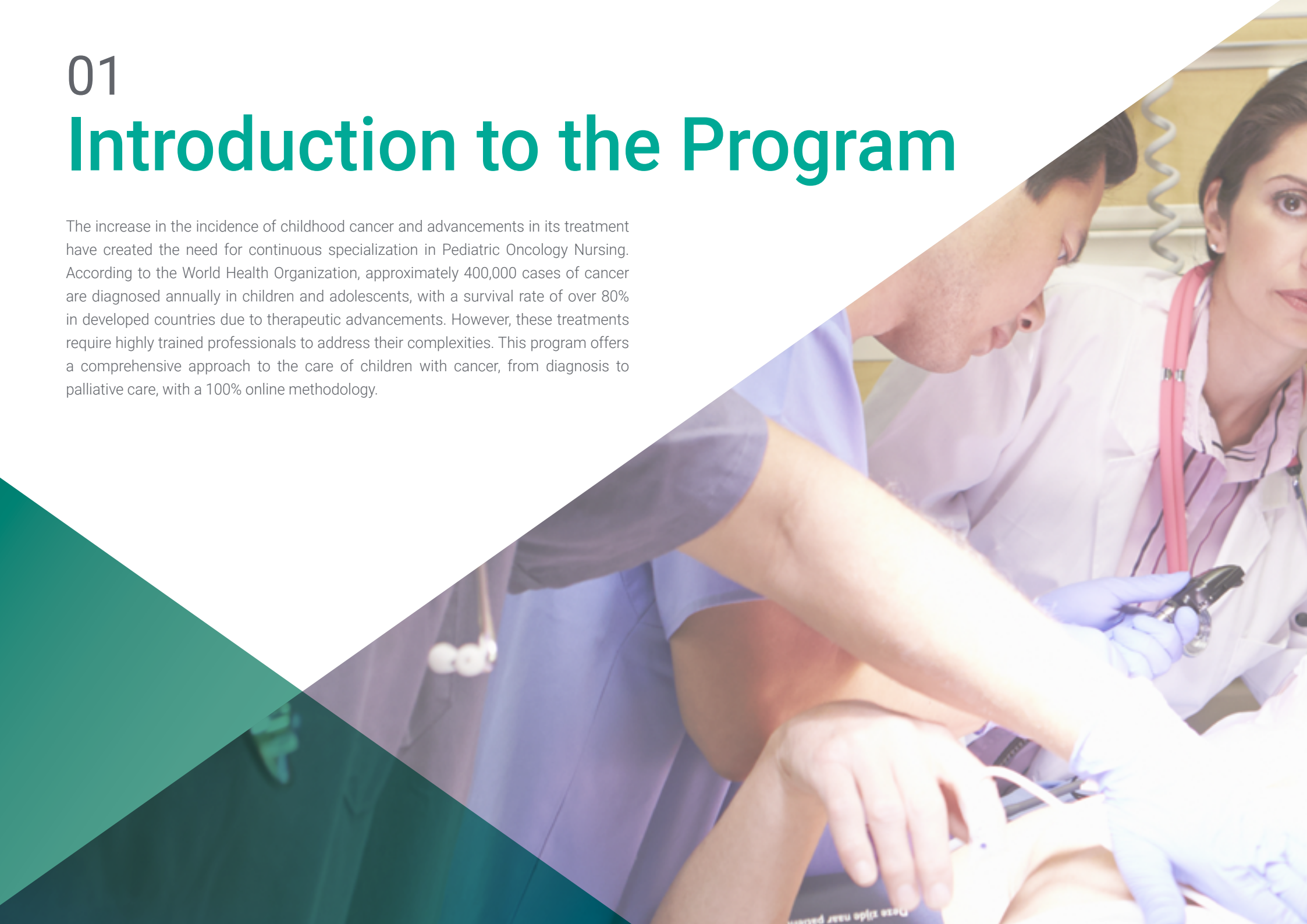
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01

Introduction to the Program

The increase in the incidence of childhood cancer and advancements in its treatment have created the need for continuous specialization in Pediatric Oncology Nursing. According to the World Health Organization, approximately 400,000 cases of cancer are diagnosed annually in children and adolescents, with a survival rate of over 80% in developed countries due to therapeutic advancements. However, these treatments require highly trained professionals to address their complexities. This program offers a comprehensive approach to the care of children with cancer, from diagnosis to palliative care, with a 100% online methodology.



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Master the latest advances in Pediatric Oncology Nursing and improve comprehensive care for children with cancer and their families”

Nursing is a fundamental pillar in the care of pediatric oncology patients, as it involves key assistive, organizational, and emotional processes essential to their recovery. The constant development of more effective and less invasive treatments has transformed pediatric oncology practice, requiring nurses to undergo specialized training. Comprehensive care focuses not only on clinical procedures but also on family support and mitigating the emotional impact of the disease.

In light of this, nurses must update their competencies to offer care based on the latest scientific evidence. In response to this need, this Master's Degree has been designed to provide advanced knowledge in the treatment and care of children with cancer. This thorough program covers everything from clinical approaches to psychosocial support, preparing specialists to face the challenges of this discipline.

The syllabus offers a detailed overview of the most common pediatric oncology pathologies, including innovative diagnostic techniques and advanced therapeutic strategies. It also includes specific modules on pain management, the side effects of treatments, and palliative care. By the end of the program, the nursing professional will be equipped to provide excellent care tailored to the individual needs of each patient.

This 100% online program has been designed so nurses can train without interfering with their professional or personal activities. All content is accessible 24/7 from any device with an internet connection, making it easy to organize learning. Additionally, the Relearning method is implemented, optimizing the retention of key knowledge through strategic repetition.

This **Master's Degree in Pediatric Oncology Nursing** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in Pediatric Oncology Nursing
- ♦ 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
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies in Pediatric Oncology Nursing
- ♦ 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



You will develop skills in the safe administration of oncological treatments, such as chemotherapy, radiotherapy, and immunotherapy"

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You will optimize pain management and palliative care in pediatric patients, ensuring humanized care focused on the child's well-being”

The program includes faculty members from the field of Pediatric Oncology Nursing, who bring their professional experience to this program, along with 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 an immersive learning experience designed to prepare for real-life situations.

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

You will master the most innovative techniques in the management of childhood cancer and provide excellent care based on the latest scientific evidence.

You will apply infection prevention and control protocols in immunocompromised patients, reducing risks associated with oncological therapy.



02

Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it relies on an enormous faculty of more than 6,000 professors of the highest international renown.



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*Study at the world's largest online university
and guarantee your professional success.
The future starts at TECH”*

The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.



The most complete syllabuses on the university scene

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

A unique learning method

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

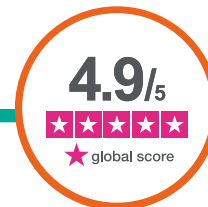
Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.



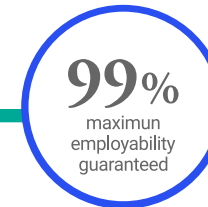
Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.



The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.



03 Syllabus

The development of the content in this degree follows a thorough path through the key topics of Pediatric Oncology Nursing, ensuring progressive and specialized learning. Through a sequential approach, you will acquire new competencies that will strengthen your performance in this field. Additionally, you will deepen your knowledge of hematopoietic stem cell transplantation, from its basic concepts, indications, and types to the donation process. You will also explore the management of the bone marrow aplasia phase, long-term follow-up, nursing consultations, and new therapies to address complications in pediatric transplant patients.



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Access learning delivered by leading specialists in Pediatric Oncology Nursing, with an interdisciplinary approach based on evidence”

Module 1. Introduction to Pediatric Cancer and Main Treatments

- 1.1. Children and Cancer
- 1.2. Pathophysiology of Pediatric Cancer. Shared Characteristics of Tumor Cells
- 1.3. Epidemiology of Pediatric Cancer
- 1.4. Etiology 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 Pediatric 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. Pediatric Acute Lymphoblastic Leukemia (B-cell)
- 2.3. Lymphomas and Reticuloendothelial Neoplasms in Pediatrics
- 2.4. Pediatric CNS Tumors and Miscellaneous Intracranial and Intraspinal Neoplasms in Pediatrics
- 2.5. Neuroblastomas and Other Peripheral Nervous System Tumors in Pediatrics
- 2.6. Retinoblastomas in Pediatrics
- 2.7. Renal Tumors in Pediatrics
- 2.8. Hepatic 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 Nursing Care within the Unit
- 3.2. Safety in the Pediatric Oncology Unit
- 3.3. Nursing Care in the Performance of 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 Treatment Support Medication
- 3.9. Transfusion Support in Pediatric Oncohematology
- 3.10. Nursing Care in the Onset of Disease

Module 4. Nursing Care in Pediatric Oncohematology (II)

- 4.1. The Importance of Observation and Active Listening in Pediatric Oncohematology Nursing
- 4.2. The Importance of Nursing Assessments in Pediatric Oncohematology
- 4.3. Most Common Nursing Diagnoses in Pediatric Oncohematology
- 4.4. Nursing Care in Symptom Management 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. "Caring with Care" for the Child/Adolescent with Cancer and Their Family
- 4.10. Research in Pediatric Oncohematology Nursing

Module 5. Hematopoietic Stem Cell Transplantation in Pediatrics

- 5.1. Introduction to Hematopoietic Stem Cell Transplantation
- 5.2. Indications for Hematopoietic Stem Cell Transplantation (HSCT) in Pediatrics
- 5.3. From Donation to Infusion of Hematopoietic Stem Cells
- 5.4. Nursing Care in HSCT Conditioning
- 5.5. Nursing Care During Hematopoietic Stem Cell Infusion
- 5.6. Nursing Care: Bone Marrow Aplasia Phase
- 5.7. Nursing Care Post-HSCT in the Medium Term
- 5.8. Post-HSCT Follow-up Nursing Consultation
- 5.9. New Therapies in the Treatment of Post-HSCT Complications
- 5.10. Nursing Care for Long-Term Post-HSCT Complications

Module 6. Emergencies and Critical Patients in Pediatric Oncology

- 6.1. Introduction to Emergencies in Pediatric Patients with Oncohematologic Pathology
- 6.2. Hematological 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 Related to Treatment
- 6.6. Emergencies in Post-Hematopoietic Stem Cell Transplant Patients
- 6.7. Pediatric Patient with Oncohematological Pathology Requiring Intensive Care
- 6.8. Nursing Care for Pediatric Patients with Oncohematological Disease and Their Families, Admitted to the Pediatric Intensive Care Unit (PICU)
- 6.9. Pediatric Intensive Care Unit (PICU). Humanization Projects

Module 7. Palliative Care and End-of-Life Care in Pediatric Oncology

- 7.1. Comprehensive Care for the Child and Adolescent with Oncohematological Disease in Palliative Care Situations and Their Family
- 7.2. Symptom Management in Palliative Care in Pediatric Oncology
- 7.3. Terminal Phase and End-of-Life 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 Management in Palliative Care in Pediatric Oncology
- 7.8. Ethical Aspects and Decision Making in Palliative Care in Pediatric Oncology

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

- 8.1. Clinical Trials in Pediatric Oncohematology. Concept and Historical Foundations
- 8.2. Why Clinical Trials are Necessary in Pediatric Oncology
- 8.3. Designing a Clinical Trial
- 8.4. Preparation and Implementation of a Clinical Trial
- 8.5. Development of 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. Competency Map for the Nursing Professional in the Clinical Trials in Pediatric Oncology





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

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

Module 10. Welcoming, Caring, and Supporting in Pediatric Oncology

- 10.1. Comprehensive Care for the Child with Cancer and Their Family
- 10.2. The Nurse's Perspective
- 10.3. The Facilitating Role of Nursing in Pediatric Oncology
- 10.4. Emotional Competency Profile of Nurses 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. Supporting the Family System in Pediatric Oncology
- 10.8. Supporting the Well-Being of the Child and Adolescent
- 10.9. Supporting Childhood in Pediatric Oncology
- 10.10. Supporting Parenting and Healthy Development

04

Teaching Objectives

This program from TECH is designed to provide nurses with the necessary tools to specialize in the care of pediatric oncology patients. To this end, the program covers everything from the pathophysiology of childhood cancer to the advanced management of treatments and palliative care, equipping these professionals to optimize care, improve the patient's quality of life, and provide comprehensive support to families. As such, the educational objectives of this Master's Degree ensure that graduates develop competencies in pediatric oncology, lead multidisciplinary teams, and contribute significantly to the improvement of pediatric oncology care.





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Discover the importance of psychological support for children and adolescents with cancer, ensuring emotional care tailored to each stage of the disease”



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 professional stimulation through continuing education and research.



Learn the fundamentals of Personalized Medicine in Pediatric Oncology and its contribution to the development of new therapies tailored to each patient"





Specific Objectives

Module 1. Introduction to Pediatric Cancer and Main Treatments

- ♦ Optimize the quality of care for pediatric patients with oncological pathology by acquiring higher qualifications
- ♦ Establish standards of excellence in practice

Module 2. Malignant Oncohematological Disorders in Pediatrics

- ♦ Understand all symptoms and effects of Leukemias and Myelodysplastic Syndromes in pediatric patients
- ♦ Analyze the anatomophysiological and cognitive differences in children and adolescents with cancer based on their age and developmental stage

Module 3. Nursing Care in Pediatric Oncohematology (I)

- ♦ Develop a comprehensive approach to the care of children and adolescents with cancer and their care in the hospital
- ♦ Analyze and emphasize the rights of hospitalized children

Module 4. Nursing Care in Pediatric Oncohematology (II)

- ♦ Develop a deeper comprehensive approach to the care of children and adolescents with cancer and their care at home
- ♦ Learn the fundamental elements of organizing pediatric oncohematology services and units

Module 5. Hematopoietic Stem Cell Transplantation in Pediatrics

- ♦ Gain practical knowledge of all stages of care for hematopoietic stem cell transplant patients

Module 6. Emergencies and Critical Patients in Pediatric Oncology

- ♦ Achieve the necessary knowledge and skills to develop the personal and professional attitudes required to treat children and adolescents with cancer
- ♦ Place childhood cancer epidemiologically in terms of incidence and survival

Module 7. Palliative Care and End-of-Life Care in Pediatric Oncology

- ♦ Be able to promote the well-being, autonomy, and dignity of patients at all times
- ♦ Acquire basic knowledge of the fundamental aspects of malignant pathologies in childhood

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

- ♦ Develop the ability to solve problems and generate evidence in the field of pediatric oncology to address deficiencies in knowledge

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

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

Module 10. Welcoming, Caring, and Supporting in Pediatric Oncology

- ♦ Recognize and evaluate the physical, psychological, social, and spiritual needs of the child and adolescent with cancer and their family

05

Career Opportunities

This program from TECH is a unique opportunity for nursing professionals who wish to specialize in the care of pediatric oncology patients. Through advanced knowledge and intervention strategies based on the latest scientific evidence, graduates will be able to optimize the quality of pediatric care, manage complications, and provide comprehensive support to patients and their families.



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You will apply the latest advances in Pediatric Oncology Nursing to improve clinical care and provide excellent, humanized care”

Graduate Profile

The graduate of this Master's Degree from TECH will be a highly skilled professional in managing nursing care in Pediatric Oncology, addressing everything from prevention and diagnosis to treatment and patient follow-up. They will have competencies in managing oncological treatments, palliative care, oncology emergencies, and hematopoietic stem cell transplantation. Additionally, they will be prepared to lead multidisciplinary teams, implement health education strategies, and promote the humanization of care.

You will be able to work with excellence as a nurse in any pediatric oncology unit, providing comprehensive and personalized care to patients and their families.

- ♦ **Comprehensive Management of Pediatric Oncological Care:** Ability to offer complete care tailored to the child's and family's needs
- ♦ **Mastery of Advanced Clinical Procedures:** Ability to conduct diagnostic tests, apply treatments, and manage complications arising from the disease
- ♦ **Intervention in Oncology Emergencies:** Competence to act quickly and effectively in critical pediatric oncology situations
- ♦ **Palliative Care and Emotional Support:** Focus on pain management, patient well-being, and family support at all stages of the disease





After completing the Master's Degree, you will be able to perform your knowledge and skills in the following positions:

1. **Pediatric Oncology Specialist Nurse:** Comprehensive care for children with cancer, applying advanced treatment and care protocols.
2. **Coordinator of Pediatric Oncohematology Units:** Management of nursing teams and resource optimization in hospitals and clinics.
3. **Hematopoietic Stem Cell Transplantation Specialist:** Care of pediatric patients in different transplant phases, ensuring their recovery.
4. **Pediatric Palliative Care Nurse:** Application of strategies for pain control and the emotional well-being of the patient and family.
5. **Consultant in Pediatric Oncology Care Humanization:** Development of emotional support and educational programs for patients and families.
6. **Instructor and Trainer in Pediatric Oncology:** Training nurses in the latest trends and protocols in pediatric oncology care.
7. **Researcher in Pediatric Oncohematology:** Participation in clinical trials and development of new therapies to improve the quality of life for children with cancer.

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You will promote effective communication with pediatric patients and their families, providing clear information and emotional support”

06

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”

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 assess 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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

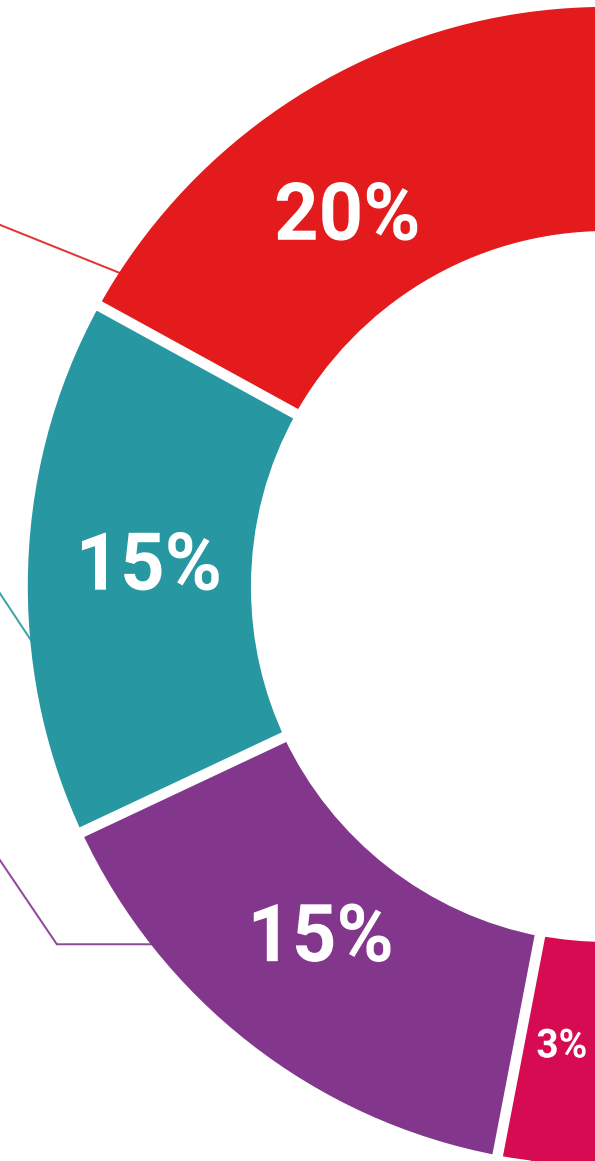
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

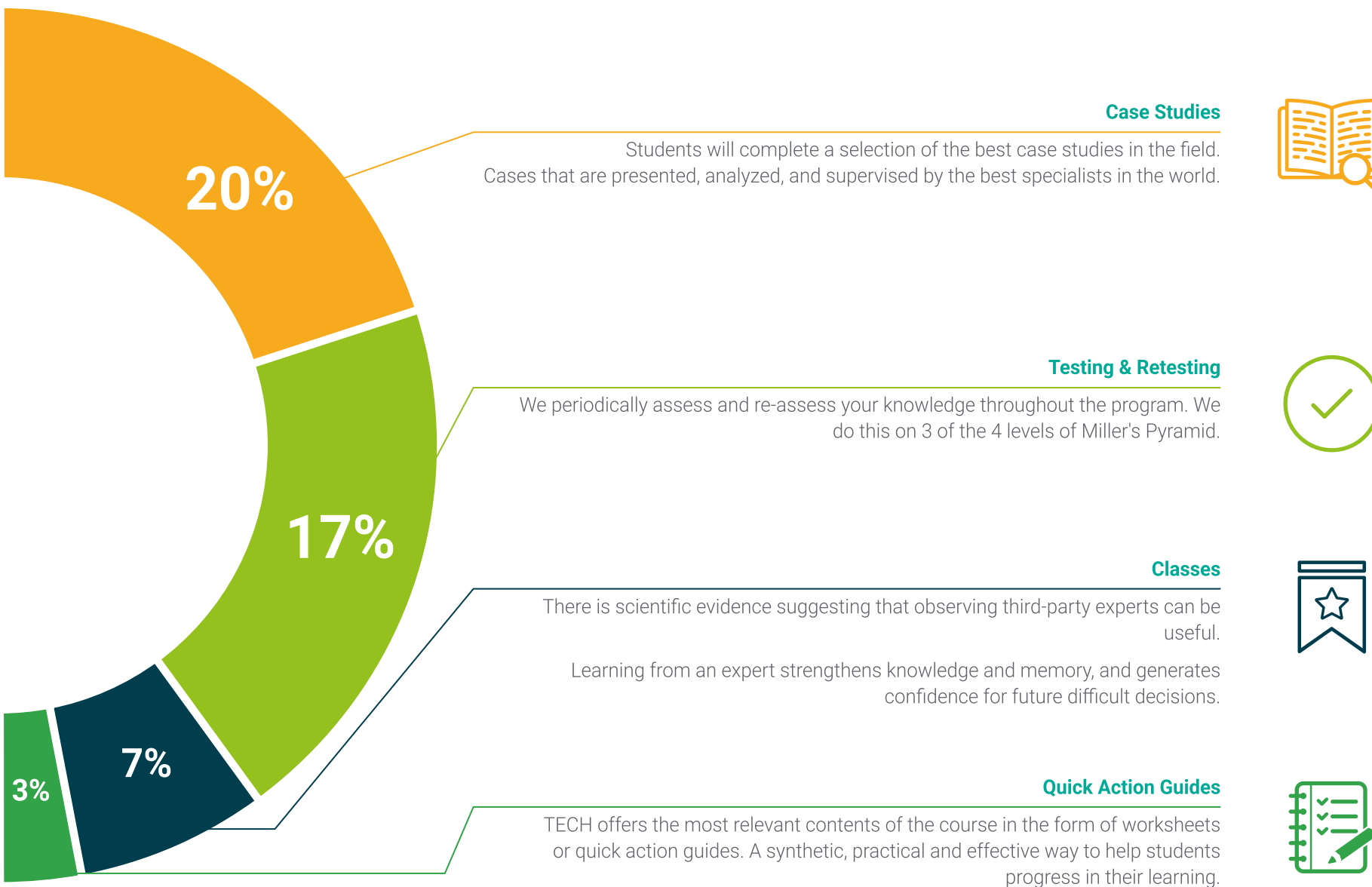
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





07

Teaching Staff

This program features a faculty team composed of leading specialists in Pediatric Oncology Nursing, who contribute their experience and knowledge gained through clinical practice. Additionally, other professionals of recognized prestige participate in its design and development, ensuring an interdisciplinary approach that enriches the instruction. Through their experience, the faculty provides an updated perspective on advances in treatment, complication management, and comprehensive care for pediatric oncology patients. This expert team guarantees evidence-based teaching, tailored to the real needs of the healthcare sector.





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*You will be advised by the faculty team,
consisting of experienced specialists in
the field of Pediatric Oncology”*

Management



Ms. Coronado Robles, Raquel

- Pediatric Nurse Expert in Oncology
- Pediatric Nurse in the Pediatric Oncohematology Unit at the Vall d'Hebron University Hospital
- Nurse at the Teknon Medical Center of the Quirónsalud Group
- Nurse for the Valencian Health Agency
- Nurse for the Madrid Health Service
- Master's Degree in eHealth: Information Technologies and Healthcare Management from BCN La Salle
- Master's Degree in Nursing Sciences from the University of Almería
- Expert in Oncology Nursing from the Autonomous University of Barcelona

Teachers

Ms. Rodríguez Gil, Raquel

- ♦ Specialized Nurse in Pediatric Intensive Care Unit at Vall d'Hebron Barcelona Hospital Campus
- ♦ Course in Ultrasound-Guided Vascular Access for Nursing
- ♦ Course in Continuous Pediatric Extracorporeal Dialysis Techniques

Ms. Saló Rovira, Anna

- ♦ Psycho-Oncologist at the Pediatric Oncology and Hematology Unit at Vall d'Hebron University Hospital Barcelona
- ♦ Bachelor's degree in Psychology from the Faculty of Psychology, Education Sciences, and Sports at the Blanquerna Foundation of Ramon Llull University
- ♦ Postgraduate degree in Baby Observation and Early Childhood Care up to Three Years at the University of Girona
- ♦ Master's Degree in Psychoanalytic Psychotherapy at the Vidal i Barraquer Foundation
- ♦ Master's Degree in General Health Psychology from the Faculty of Psychology, Education Sciences, and Sports at the Blanquerna Foundation of Ramon Llull University
- ♦ Expert Course in Emergency and Disaster Psychology at COPC

Mr. Toro Guzmán, Antonio

- ♦ Specialized Nurse in the Pediatric Oncohematology Unit at Vall d'Hebron University Hospital
- ♦ Master's Degree in Advanced Pharmacology for Nurses from the University of Valencia
- ♦ Postgraduate Degree in Pediatric Care in Primary Healthcare from Ramon Llull University
- ♦ Postgraduate Degree in Pediatric Care in Hospital Settings from Ramon Llull University
- ♦ University Diploma in Nursing from the School of Nursing by the University of Granada
- ♦ Associate Faculty Member in Programs Related to his Specialty

Dr. Vidal Laliena, Miriam

- ♦ Pharmaceutical Services Technician at the Catalan Health Service
- ♦ Clinical Research Associate at PRA Health Sciences
- ♦ Coordinator of Clinical Trials in the Pediatric Oncohematology Unit at Vall d'Hebron University Hospital
- ♦ Laboratory Technician at the Clinical Hospital of Barcelona
- ♦ PhD in Pharmacy from the University of Barcelona
- ♦ Master's Degree in Clinical Trial Monitoring from CoMB

Ms. Bonfill Ralló, Marina

- ♦ Clinical Psychologist Specializing in Children and Adolescents
- ♦ Pediatric Psycho-Oncologist at Vall d'Hebron Hospital
- ♦ Pediatric Psycho-Oncologist at San Borja Arriarán Hospital
- ♦ Child and Adolescent Psychologist in Private Practice
- ♦ Psychologist at the Psychoaffective and Psychosocial Intervention Service Related to Learning at the Trivium Institute
- ♦ Bachelor's Degree in Psychology from the University of Barcelona
- ♦ Master's Degree in Pediatric Psychiatry and Child Clinical Psychology from the Autonomous University of Barcelona
- ♦ Private Master's Degree in Psycho-Oncology and Palliative Care from the Complutense University of Madrid

Ms. Fernández Angulo, Verónica

- ♦ Expert Nurse in Oncological Care
- ♦ Nurse in the Pediatric Oncohematology Unit at Vall d'Hebron University Hospital
- ♦ Member of: Multidisciplinary Nursing Research Group
- ♦ Advisor on Pharmacological Treatments for Oncological Disorders

Dr. Hladun Álvaro, Raquel

- ♦ Pediatric Oncologist
- ♦ Specialist and Head of Clinical Trials in the Pediatric Oncohematology Unit at Vall d'Hebron Barcelona Hospital Campus
- ♦ Specialized Researcher in Pediatric Cancer and Hematological Diseases
- ♦ Author of multiple scientific articles in national and international journals

Ms. Muñoz Blanco, María José

- ♦ Specialist Pediatric Nurse
- ♦ Supervisor of the Pediatric Intensive Care Nursing Unit at Vall d'Hebron Barcelona Hospital Campus
- ♦ Master's Degree in Pediatric Nursing from the University of Barcelona
- ♦ Master's Degree in Emotional Care for Hospitalized Children from the University of Barcelona





Mr. Ortigón Delgadillo, Ramiro

- ♦ Nurse in the Pediatric Oncohematology Service at Vall d'Hebron University Hospital
- ♦ Member of Salut i Educació Emocional
- ♦ Facilitator at Escola EFA
- ♦ Academic Director and Professor at UNIR
- ♦ Professor at the University of Barcelona
- ♦ University Degree in Nursing from the Autonomous University of Barcelona
- ♦ Master's Degree in Emotional Education and Well-being from the University of Barcelona
- ♦ Master's Degree in Education for Health from the University of Lleida
- ♦ President of PDA Bullying
- ♦ Member of: ACEESE, ACISE, and PDA Bullying

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