

Hybrid Professional Master's Degree Pediatric Oncology Nursing





Hybrid Professional Master's Degree

Pediatric Oncology Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.

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

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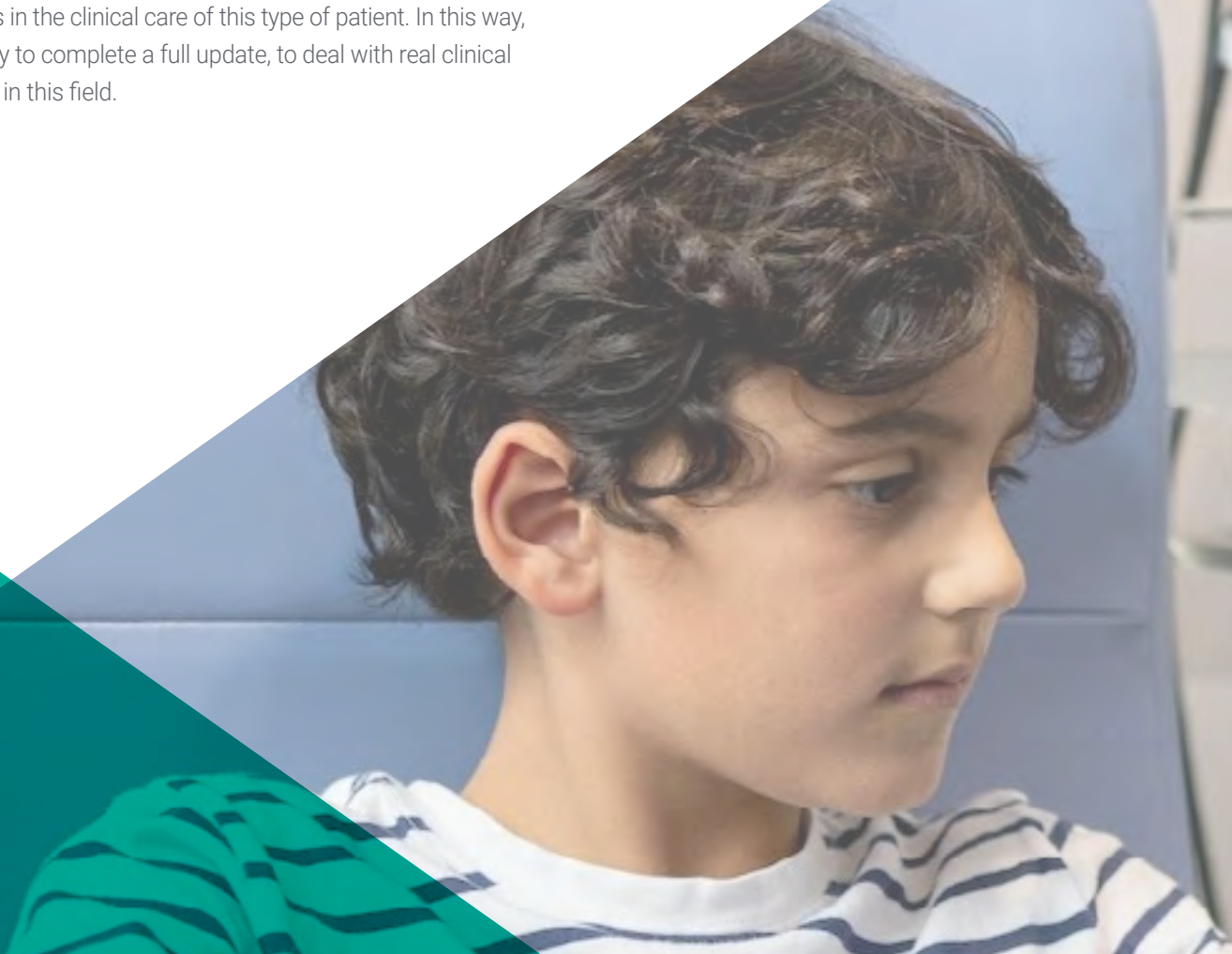
Certificate

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01

Introduction

Nursing care for pediatric patients with neoplastic pathology and their families is a challenge for professionals, due to the importance of the disease itself, its evolution, the intensive and specific treatment it requires, its side effects and the emotional and social repercussions it has on them. For this reason, taking this degree with a 100% online theoretical framework and an internship of 3 weeks is essential for those who wish to be up-to-date on the main developments in the clinical care of this type of patient. In this way, the graduate will have the opportunity to complete a full update, to deal with real clinical cases, guided by the best specialists in this field.



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*Update your knowledge in
Pediatric Oncology Nursing in
only 12 months and with the
best professionals"*

The increase in the incidence of oncological disease and the impact that this disease has not only on pediatric patients, but also on their families and environment, makes it relevant for professionals in the field of nursing to be fully updated with the fundamental techniques and innovations for the development of their professional functions.

Fortunately, the scientific and technological advances of the last decades have allowed a significant increase in the possibilities of treatment and cure for children and adolescents with oncological diseases. This leads healthcare professionals to be in constant contact with these patients and their families. For this reason, TECH has designed this Hybrid Professional Master's Degree in Pediatric Oncology Nursing, a unique opportunity for updating from a theoretical-practical approach in a single program.

In this way, our students will have the opportunity to learn about the most appropriate treatment and care for children and adolescents with cancer and their families through theoretical content provided in online format and, subsequently, they will be able to carry out an internship in a reference hospital in this field, tutored by health professionals with extensive experience in this field.

All this, thanks to quality content, prepared by professionals with consolidated experience in this field, multimedia and innovative didactic material, accessible 24 hours a day, from any digital device with connection. In addition, thanks to the on-site phase, the graduate will be able to complete their updating process in a distinguished environment and surrounded by the best in the field.

Undoubtedly, this is an excellent opportunity for healthcare professionals who are looking for a flexible academic proposal, compatible with their most demanding responsibilities, while at the same time providing a real response to the current needs of professionals in the healthcare sector.

This **Hybrid Professional 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 more than 100 clinical cases presented by pediatric oncology nurses and university pediatric oncology nursing professionals and experienced university professors
- ♦ 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
- ♦ Comprehensive plans for systematized patient care in pediatric oncology nursing
- ♦ Presentation of practical workshops on diagnostic and therapeutic techniques in pediatric oncology nursing
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ Practical clinical guides on approaching different pathologies
- ♦ Special emphasis on evidence-based medicine and pediatric oncology nursing research methods
- ♦ 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
- ♦ The possibility of a clinical internship in one of the best hospitals in the world

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Complete an intensive internship in a first level hospital center and integrate the most effective clinical strategies in Pediatric Oncology into your practice"

In this proposal for a Hybrid Professional Master's Degree, of a professionalizing nature and online format, the program is aimed at updating nursing professionals who perform their functions in intensive care units, and who require a high level of qualification. The contents are based on the latest scientific evidence, and oriented in a educational way to integrate theoretical Nurse practice, and the theoretical-practical elements will facilitate the updating of knowledge and will allow decision making in the patient management.

Thanks to the multimedia content, developed with the latest educational technology, nursing professionals will benefit from situated and contextual learning, i.e., a simulated environment that will provide immersive learning programmed to train in real situations. This program is designed around Problem-Based Learning, whereby the physician 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.

Improve your skills in the care of pediatric oncology patients thanks to this blended learning Hybrid Professional Master's Degree.

With this program you will increase your ability to respond to emergencies and critical patient care in pediatric oncology.



02

Why Study this Hybrid Professional Master's Degree?

TECH has decided in this academic proposal to bring nursing professionals closer to the most current reality of care and approach to pediatric oncology patients. For this purpose, it perfectly combines a theoretical framework that will allow you to delve into the new existing therapies, nursing care, as well as the main oncohematological pathologies, with an intensive practice in a first level hospital. Therefore, the graduate will obtain a global vision of the current health panorama in Pediatric Oncology, being guided throughout this process by authentic experts in the field.





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Delve into real clinical environments and maximum demand to delve, hand in hand with the best specialists, in the latest advances in Pediatric Oncology”

1. Updating from the Latest Technology Available

The area of Pediatric Oncology has evolved in recent years thanks to the improvement of diagnostic and therapeutic devices, which have led to increased patient survival. In this sense, this degree offers nurses the most rigorous scientific information, as well as the possibility to verify *in situ* in a first level hospital center, the latest technology applied in this area and to incorporate this experience to their daily practice.

2. Gaining In-depth Knowledge from the Experience of Top Specialists

In this updating process, the nurse will have at their disposal a syllabus prepared by excellent healthcare professionals specialized in the care of oncology patients. In this way, you will be updated on the techniques used for the assessment and diagnosis of the patient, as well as the guidelines indicated for each treatment. An experience that will be completed with the tutoring of experts who will guide you in a practical way in this academic journey.

3. Entering First-Class Clinical Environments

TECH carries out a thorough selection process of each and every one of the teachers that make up its programs, as well as of the clinical centers where the on-site internship will be carried out. In this way, the graduate will have the opportunity to immerse themselves from the very first moment in a first level update and in health environments of great national and international prestige.





4. Combining the Best Theory with State-of-the-Art Practice

TECH moves away from traditional academic concepts to offer the healthcare professional a complete update through the most effective pedagogy. For this reason, it combines a theoretical phase, without attendance or timetabled classes, with a 3-week internship, which will allow the graduate to integrate all the concepts addressed in the first part of this Hybrid Professional Master's Degree.

5. Expanding the Boundaries of Knowledge

This institution offers the nursing professional the opportunity to increase their scope of care. By strengthening your skills in Pediatric Oncology with specialists with national and international experience, you will expand your possibilities of applying diagnostic and therapeutic techniques in the best health care settings in the world.

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You will have full practical immersion at the center of your choice”

03

Objectives

The main purpose of this Hybrid Professional Master's Degree is to provide the most practical information for the nurse who wishes to keep abreast of advances in Pediatric Oncology. For this purpose, this institution provides the graduate with the most innovative didactic tools, a theoretical-practical approach and a 120-hour internship with other active healthcare professionals with experience in the management of patients with these characteristics. A unique opportunity that only TECH, the world's largest digital university, could offer.





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This program gives you the opportunity to update your knowledge in a real scenario, with the maximum scientific rigor of an institution at the forefront of technology”



General Objective

- The general objective of the Hybrid Professional Master's Degree in Pediatric Oncology Nursing is to update the professional in the diagnostic and therapeutic procedures of this specialty, while increasing their skills for the management of care and provide the necessary emotional and educational support to both patients and their families. In this way, over a period of 12 months, you will be able to improve and develop your care competencies.



If you have a computer with an Internet connection you can access the syllabus of this program whenever and wherever you want"





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 Oncologic Pediatrics

- ♦ 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 lack of knowledge

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
- ♦ Present the general context and severity of childhood cancer in society

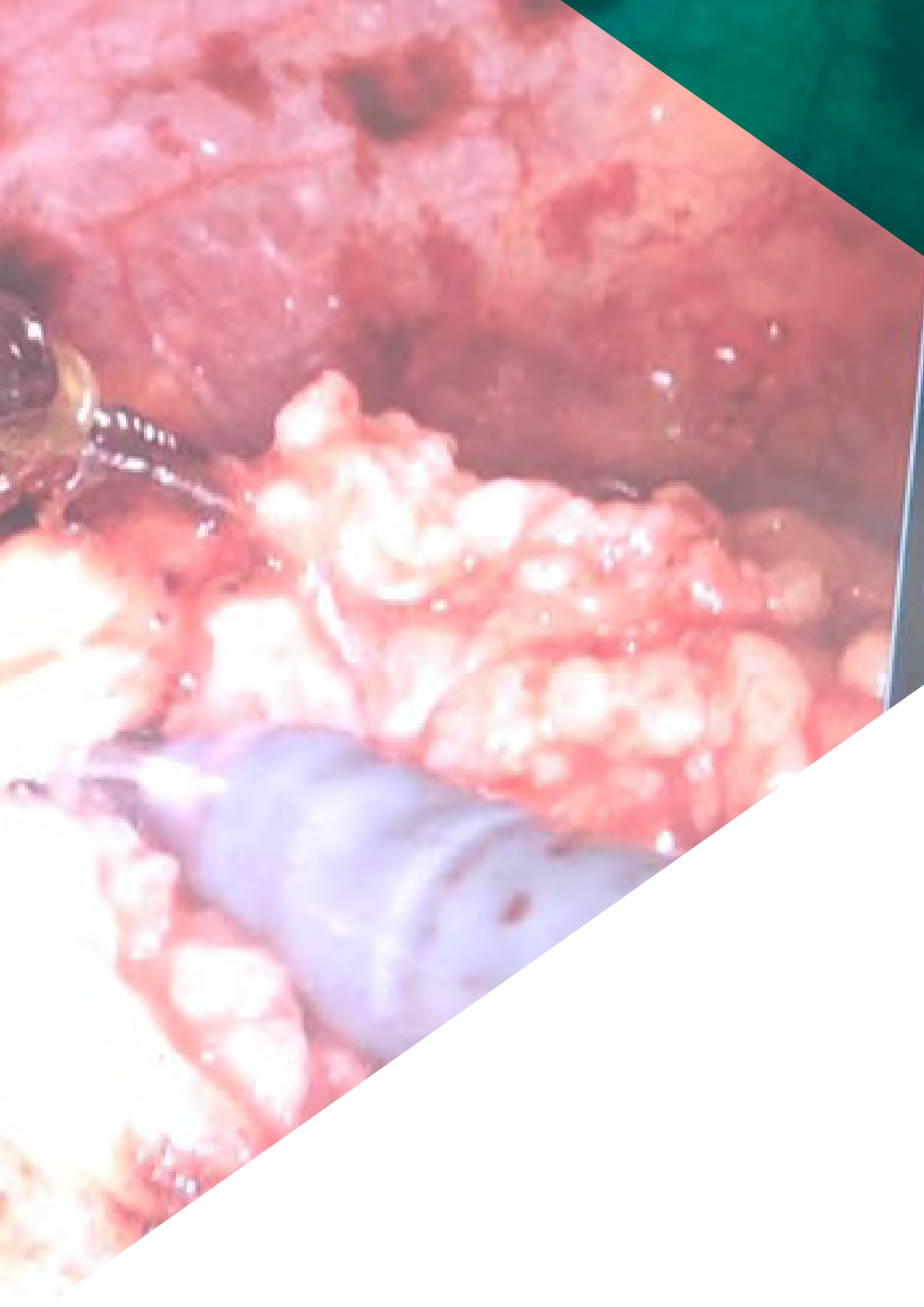
Module 10. Fostering, Caring and Accompanying in Pediatric Oncology

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

04 Skills

Throughout this program, the graduate will be able to increase their skills to assist with the most complex clinical cases, address the complications associated with the different types of cancer and implement the most effective specific care strategies. All this, thanks to the case studies presented by the specialized faculty and the real patient cases in which you will be able to get involved during the classroom phase of this program.





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With this program you will be up-to-date on the latest clinical trials and immunotherapy in pediatric oncology”



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
- ♦ 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 related to the application of their 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





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 an adequate adaptation, experience and coping with the disease, its long evolutionary process, the intensive and specific therapy it requires, its side effects and the psycho-emotional and social repercussions it entails for the child, adolescent 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





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Through this program you will further develop your skills in the psychological care of pediatric oncology patients and their families”

05

Course Management

TECH maintains a philosophy based on offering the professional a high quality updating process. To this end, it carefully selects each and every one of the teachers that make up its programs. Therefore, the graduate who takes this Hybrid Professional Master's Degree will have the guarantee of accessing a program prepared by specialist nurses in Pediatric Care and psycho-oncologists with extensive experience in this field. In addition, thanks to their proximity, students will be able to solve any doubts they may have about the content of this program.





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*Get a complete update from
specialized pediatric care nurses
and psycho-oncologists”*

Management



Ms. Coronado Robles, Raquel

- ♦ Pediatric Nurse Expert in Oncology
- ♦ Pediatric Nurse of the Pediatric Oncohematology Unit at Vall d'Hebron University Hospital
- ♦ Nurse at Centro Médico Teknon, part of the Quirónsalud Group
- ♦ Nurse for the Agencia Valenciana de Salud (Valencian Health Agency)
- ♦ Nurse for the Madrid Health Service
- ♦ Master's Degree in eHealth: Information Technologies and Healthcare Management by BCN La Salle
- ♦ Master's Degree in Nursing Sciences from the University of Almeria
- ♦ Expert in Oncology Nursing from the Autonomous University of Barcelona

Professors

Ms. Rodríguez Gil, Raquel

- ◆ Nurse Specialist in Pediatric Intensive Care Unit at Vall d'Hebron Barcelona Hospital Campus
- ◆ Course in Echoguided Vascular Access for Nurses
- ◆ Course in Continuous Pediatric Extrarenal Depuration Techniques

Ms. Saló Rovira, Anna

- ◆ Psycho-oncologist of the Pediatric Oncology and Hematology Unit at Vall d'Hebron University Hospital. Barcelona
- ◆ Bachelor's Degree in Psychology from the Faculty of Psychology, Education and Sport Sciences of the Blanquerna Foundation of the Universitat Ramon Llull
- ◆ Postgraduate Degree in Infant Observation and Early Childhood Care up to Three Years of Age at the University of Girona
- ◆ MA in Psychoanalytic Psychotherapy at Fundació Vidal i Barraquer
- ◆ Bachelor's Degree in Psychology from the Faculty of Psychology, Education and Sport Sciences of the Blanquerna Foundation of the Universitat Ramon Llull
- ◆ Expert Course in Emergency and Catastrophe Psychology at COPC

Mr. Toro Guzmán, Antonio

- ◆ Nurse Specialist in the Pediatric Oncohematology Unit at Vall d'Hebron University Hospital
- ◆ Master's Degree in Advanced Pharmacology for Nursing by the University of Valencia
- ◆ Postgraduate Degree in Pediatric Care in Primary Care by Ramon Llull University
- ◆ Postgraduate Degree in Pediatric Care in Hospital Environment by Ramon Llull University
- ◆ Graduate in Nursing from the Faculty of Nursing at the University of Granada
- ◆ Teacher associated with programs in his specialty

Dr. Vidal Laliena, Miriam

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

Ms. Bonfill Ralló, Marina

- ◆ Psychologist Specialized in Clinical Care for Children and Adolescents
- ◆ Pediatric Psycho-oncologist at the Vall d'Hebron Hospital
- ◆ Pediatric Psycho-oncologist at the San Borja Arriarán Hospital
- ◆ Child and Adolescent Psychologist in private practice
- ◆ Psychologist of the Psycho-affective and Psychosocial Intervention Service associated with Learning at the Institut Trivium
- ◆ Degree in Psychology from the University of Barcelona
- ◆ Master's Degree in Paedopsychiatry and Child and Adolescent Clinical Psychology from the Autonomous University of Barcelona
- ◆ Master's Degree in Psycho-Oncology and Palliative Care from the Complutense University of Madrid

Ms. Fernández Angulo, Verónica

- ◆ Nurse Expert in Oncology Care
- ◆ Nurse of the Pediatric Oncohematology Unit at the Vall d'Hebron University Hospital. Vall d'Hebron University Hospital
- ◆ Member of the Multidisciplinary Research Group in Nursing
- ◆ Consultant for pharmacological treatments for oncological disorders

Dr. Hladun Álvaro, Raquel

- ◆ Medical Specialist in Pediatric Oncology
- ◆ Specialist Physician and Head of Clinical Trials in the Pediatric Oncohematology Unit at the Vall d'Hebron Barcelona Hospital Campus
- ◆ Researcher Specializing in Childhood Cancer and Hematological Diseases
- ◆ Author of several national and international specialized scientific articles





Ms. Muñoz Blanco, María José

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

Mr. Ortegón Delgadillo, Ramiro

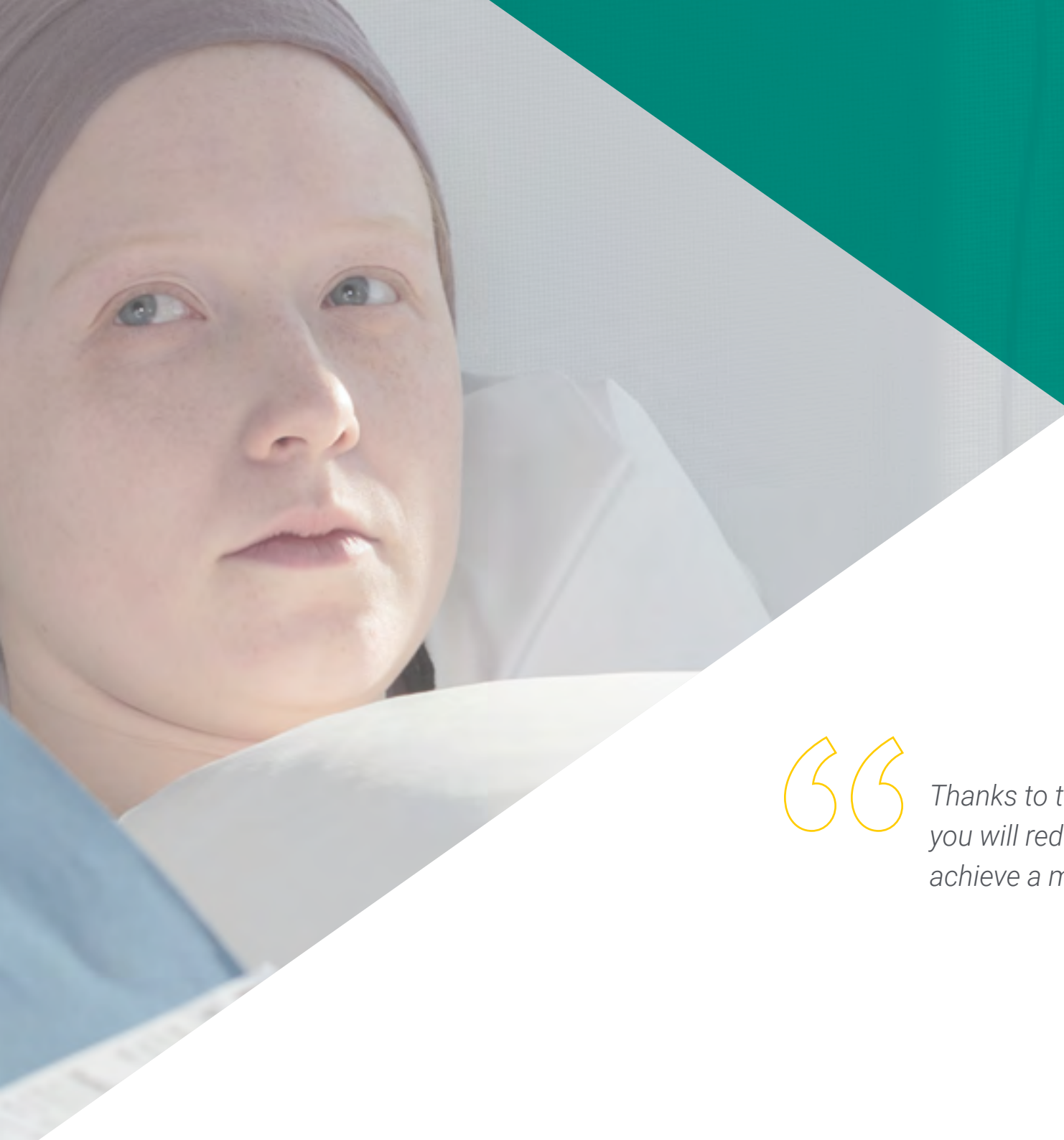
- ◆ Nurse of the Children's Oncohematology Service at the Vall d'Hebron University Hospital
- ◆ Partner of Salut i Educació Emocional
- ◆ Facilitator at Escola EFA
- ◆ Academic Director and Professor of UNIR
- ◆ Professor at the University of Barcelona
- ◆ Postgraduate Certificate in Nursing from the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

06

Educational Plan

This academic itinerary consists of 12 months with a theoretical phase that provides the most recent and advanced information on childhood cancer, the main treatments and the different approach strategies. All from a multidisciplinary point of view, which will be completed during the practical internship carried out in a distinguished hospital center in this field. Undoubtedly, a unique opportunity for updating that will lead the professional to perfect their skills.





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*Thanks to the Relearning method,
you will reduce your study hours and
achieve a much more effective update"*

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

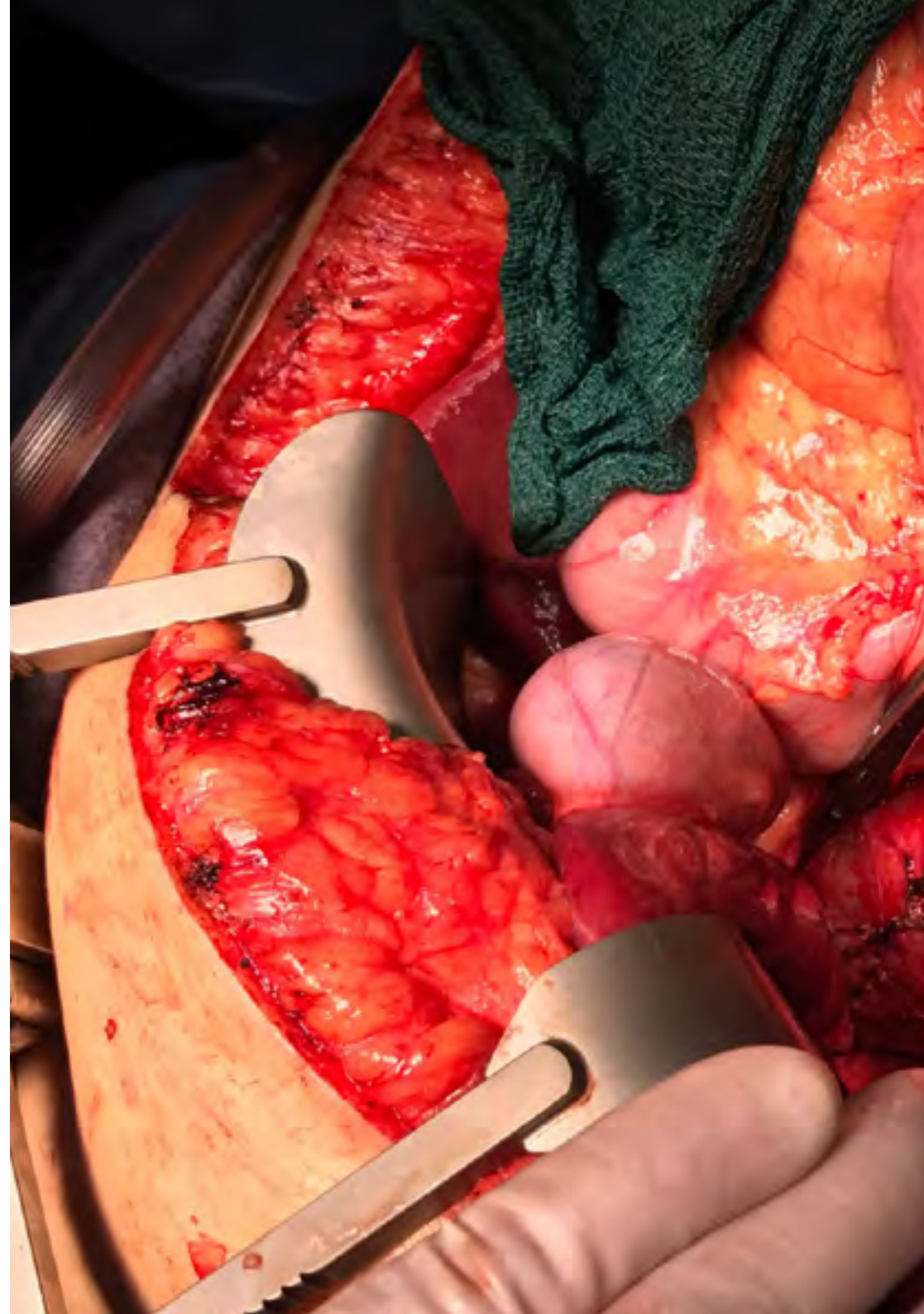
- 6.1. Introduction to Emergencies in Pediatric Patients with Oncohematologic Pathology
- 6.2. Hematologic Emergencies in Pediatric Oncohematology
- 6.3. Mechanical and Neurological Emergencies in Pediatric Oncohematology
- 6.4. Metabolic and Abdominal Emergencies in Pediatric Oncohematology
- 6.5. Other 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

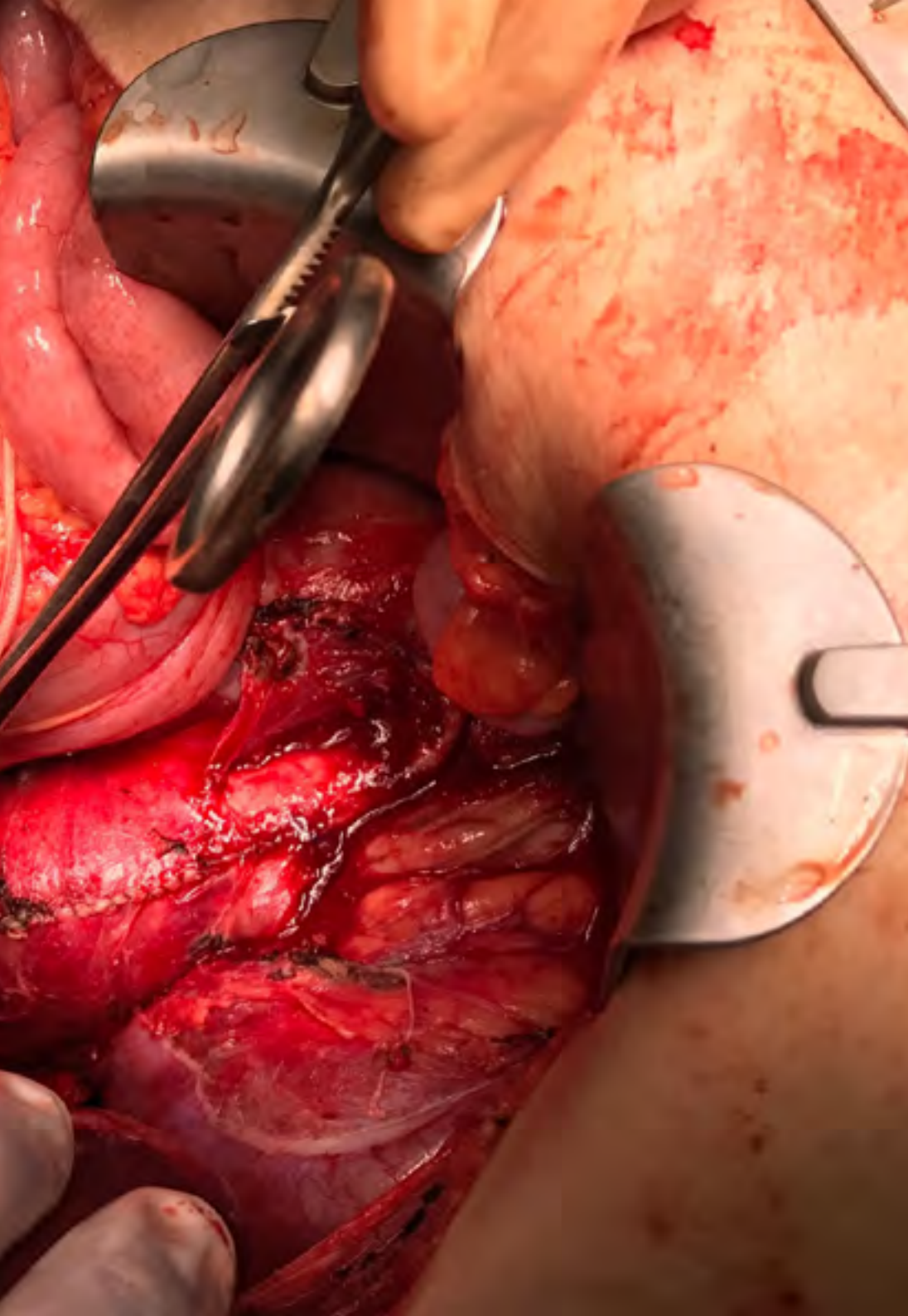
Module 7. Palliative Care and Last Days in Oncologic Pediatrics

- 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. 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 (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

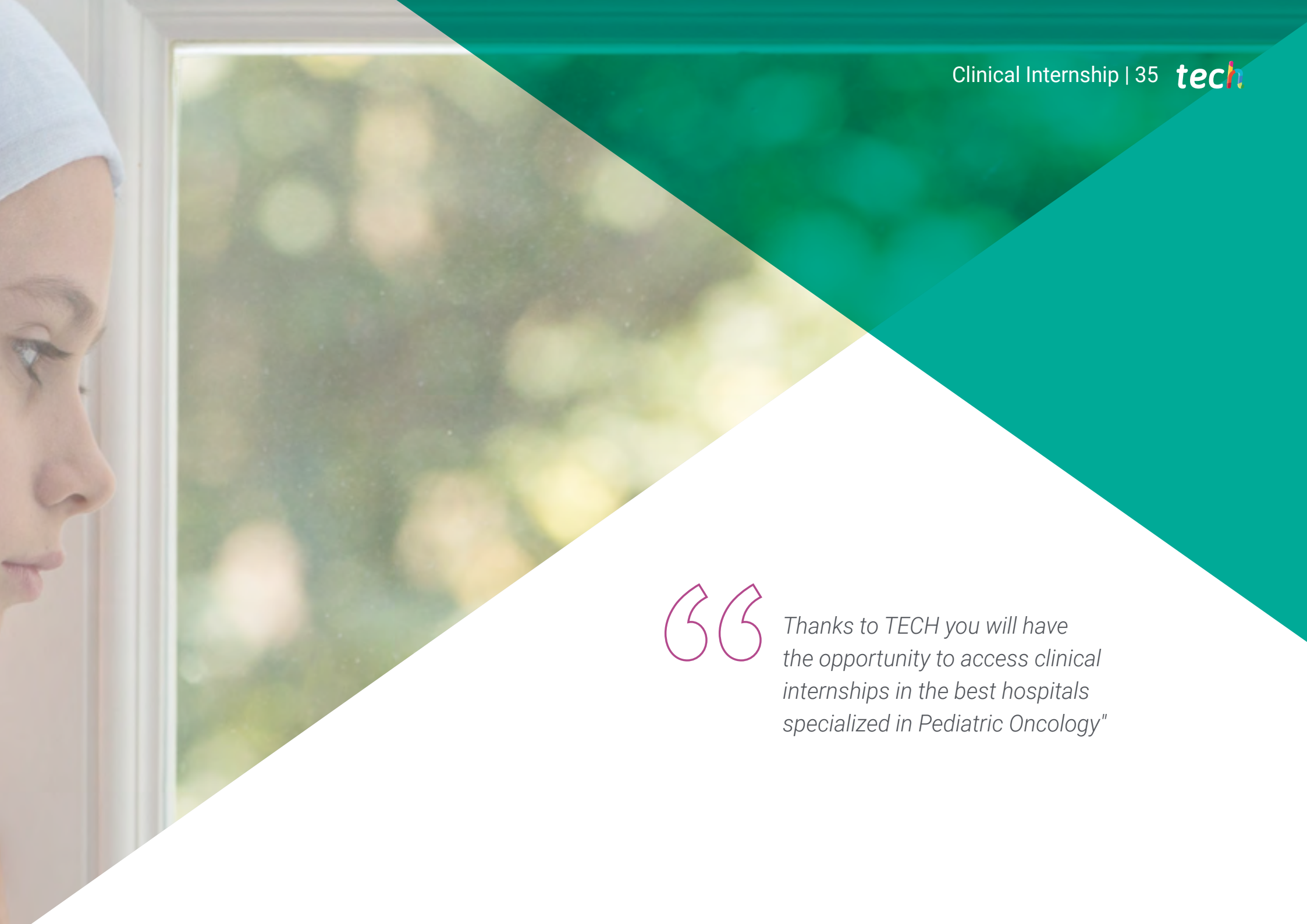
- 10.1. Comprehensive View of the Care of Children and Adolescents with Cancer and Their Family
- 10.2. Vision from the Nurse's Point of View
- 10.3. Facilitating Role of the Nurse in Pediatric Oncology
- 10.4. The Profile of Emotional Skills of Nursing in Pediatric Oncology
- 10.5. Therapeutic Communication 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

07

Clinical Internship

After passing the online education period, the program includes a period of Internship Program in a reference clinical center. During this process, the graduate will not be alone, since they will be mentored by nursing professionals highly specialized in pediatric oncology. Thanks to them, you will be able to test the strategies and techniques used in this field, where a special health awareness is required.





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Thanks to TECH you will have the opportunity to access clinical internships in the best hospitals specialized in Pediatric Oncology"

During this Internship Program period, the nurse will spend 3 weeks, from Monday to Friday, working 8 consecutive hours in a first level healthcare environment. An ideal space to increase their skills and abilities to manage pediatric oncology patients. All of this will be possible thanks to the excellent support of consolidated professionals in this field and with extensive experience in the care and clinical field.

Therefore, during this process, students will be involved in real cases, with patients with different types of cancer to whom they will have to perform different diagnostic techniques, the application of the most advanced therapy or provide the most accurate information to the family members responsible for the minor. All this, moreover, with a multidisciplinary approach required for the care of this type of patients.

In this way, TECH offers an unparalleled experience, which will allow the nurse to have access to quality healthcare facilities that are committed to technological innovation and apply the utmost scientific rigor in all processes. This is a new way of understanding and integrating healthcare processes and converting a clinical space into the ideal teaching scenario to increase the competencies of healthcare professionals.

The practical education will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of teachers and other fellow trainees that facilitate teamwork and multidisciplinary integration as transversal competencies for clinical nursing practice (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the internship, and their implementation is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:



You will have at your fingertips the most advanced healthcare technology for diagnostic tests for pediatric oncology patients"



Module	Practical Activity
Advanced Nursing Procedures in the general management of Pediatric Oncology	Differentiate diagnostic procedures and participate in their development under the guidance of medical professionals
	Apply different aspects or parts of the Clinical Practice Guidelines (CPG) in the care of children and adolescents with various types of tumors
	Placing venous catheters in pediatric patients who require them for oncological treatment
	Perform treatment and bandage changes to post-surgical incisions in children operated on for different types of tumors
Nursing care focused on pediatric oncohematology	Develop enteral and/or parenteral feeding of pediatric oncology patients
	Practice in the transfusion support application in Pediatric Oncohematology
	Provide nursing care from donation to infusion of hematopoietic progenitors
Complementary nursing techniques for the care of pediatric oncology patients	Participate in the evaluation and debate on the incorporation of pediatric patients with oncohematological tumors for their incorporation to Clinical Trials
	Implement massage therapies to contribute to the relaxation of child cancer patients before and after receiving treatments such as chemotherapy or radiotherapy
	Introduce Acupuncture and Music Therapy in the assistance and care of Oncol patients
	Provide different palliative care to improve the quality of life of pediatric patients and their families, relieving pain and aggravated symptoms of cancer
	Supervise the correct feeding of children and teenagers undergoing cancer treatment
Latest Technologies for Pediatric Oncology Nursing	Provide psychological support to pediatric patients in their rehabilitation and recovery processes after suffering from cancer
	Incorporate remote monitoring applications and software into nursing practice to assess the condition and quality of life of pediatric oncology patients
	Conduct video calls and other variants of consultations using the latest Telemedicine resources
	Manage tools such as electronic medical records to provide pediatric oncology patients with closer follow-up

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.



General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program are as follows:

1. TUTOR: During the Hybrid Professional Master's Degree, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

2. DURATION: The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

3. ABSENCE: If the student does not show up on the start date of the Hybrid Professional Master's Degree, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

4. CERTIFICATION: Professionals who pass the Hybrid Professional Master's Degree will receive a certificate accrediting their stay at the center.

5. EMPLOYMENT RELATIONSHIP: the Hybrid Professional Master's Degree shall not constitute an employment relationship of any kind.

6. PRIOR EDUCATION: Some centers may require a certificate of prior education for the Hybrid Professional Master's Degree. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

7. DOES NOT INCLUDE: The Hybrid Professional Master's Degree will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

08

Where Can I Do the Clinical Internship?

In order to offer a high-level update, TECH has selected renowned hospitals so that the graduate can obtain the updated competencies they are looking for. In this way, the students will have at their disposal the choice of centers that comply with strict quality standards, have in their teams prestigious specialists and professionals who will guide them during their internship in order to obtain optimal results in their praxis.



“

You will have at your fingertips a unique and effective practical experience thanks to the hospital centers offered by TECH”



The student will be able to complete the practical part of this Hybrid Professional Master's Degree at



Nurses

Hospital HM Modelo

Country	City
Spain	La Coruña

Address: Rúa Virrey Osorio, 30, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nurses

Hospital HM Rosaleda

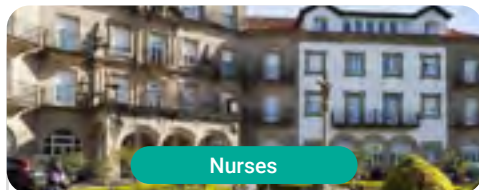
Country	City
Spain	La Coruña

Address: Rúa de Santiago León de Caracas, 1, 15701, Santiago de Compostela, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Hair Transplantation
- Orthodontics and Dentofacial Orthopedics



Nurses

Hospital HM La Esperanza

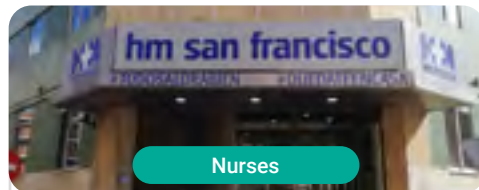
Country	City
Spain	La Coruña

Address: Av. das Burgas, 2, 15705, Santiago de Compostela, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Oncology Nursing
- Clinical Ophthalmology



Nurses

Hospital HM San Francisco

Country	City
Spain	León

Address: C. Marqueses de San Isidro, 11, 24004, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Nursing in the Traumatology Department





Nurses

Hospital HM Nou Delfos

Country	City
Spain	Barcelona

Address: Avinguda de Vallcarca, 151,
08023 Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Aesthetic Medicine
- Clinical Nutrition in Medicine



Nurses

Hospital HM Madrid

Country	City
Spain	Madrid

Address: Pl. del Conde del Valle de Súchil, 16,
28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Anaesthesiology and Resuscitation



Nurses

Hospital HM Montepíncipe

Country	City
Spain	Madrid

Address: Av. de Montepíncipe, 25, 28660,
Boadilla del Monte, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Aesthetic Medicine



Nurses

Hospital HM Torrelodones

Country	City
Spain	Madrid

Address: Av. Castillo Olivares, s/n, 28250,
Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nurses

Hospital HM Sanchinarro

Country	City
Spain	Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nurses

Hospital HM Nuevo Belén

Country	City
Spain	Madrid

Address: Calle José Silva, 7, 28043, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- General and Digestive System Surgery
- Clinical Nutrition in Medicine



Nurses

Hospital HM Puerta del Sur

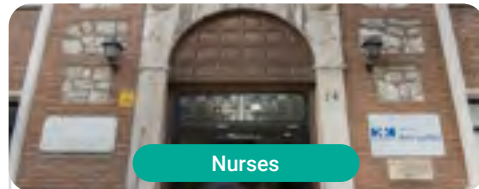
Country	City
Spain	Madrid

Address: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Clinical Ophthalmology



Nurses

Hospital HM Vallés

Country	City
Spain	Madrid

Address: Calle Santiago, 14, 28801, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology





Nurses

HM CIOCC - Centro Integral Oncológico Clara Campal

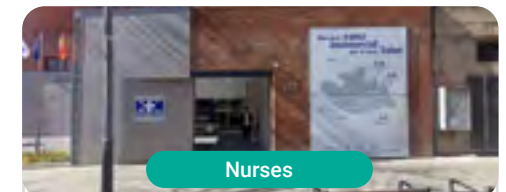
Country	City
Spain	Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



Nurses

HM CIOCC Barcelona

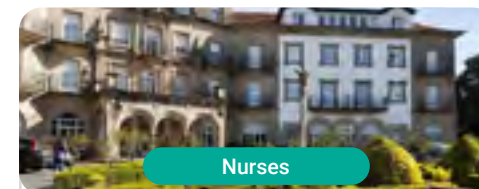
Country	City
Spain	Barcelona

Address: Avenida de Vallcarca, 151, 08023, Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout the country. Spanish geography

Related internship programs:

- Advances in Hematology and Hemotherapy
- Oncology Nursing



Nurses

HM CIOCC Galicia

Country	City
Spain	La Coruña

Address: Avenida das Burgas, 2, 15705, Santiago de Compostela

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology

09

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.



“

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.

“

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.



10 Certificate

The Hybrid Professional Master's Degree in Pediatric Oncology Nursing guarantees guarantees students, in addition to the most rigorous and up-to-date education, access to a Hybrid Professional Master's Degree diploma issued by TECH Technological University.



“

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This **Hybrid Professional Master's Degree in Pediatric Oncology Nursing** contains the most complete and up-to-date program on the professional and educational field.

After the student has passed the assessments, they will receive their corresponding Hybrid Professional Master's Degree diploma issued by TECH Technological University via tracked delivery*.

In addition to the diploma, students will be able to obtain an academic transcript, as well as a certificate outlining the contents of the program. In order to do so, students should contact their academic advisor, who will provide them with all the necessary information.

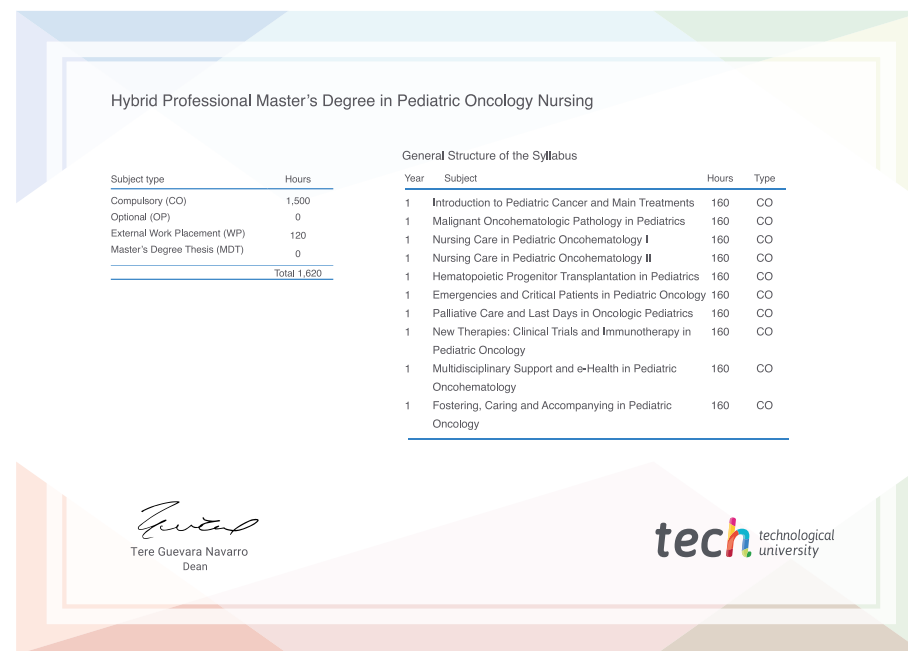
Title: **Hybrid Professional Master's Degree in Pediatric Oncology Nursing**

Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months**

Certificate: **TECH Technological University**

Teaching Hours: **1,620 h.**



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



Hybrid Professional Master's Degree Pediatric Oncology Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.

Hybrid Professional Master's Degree Pediatric Oncology Nursing